

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123668.D
 Acq On : 21 Apr 2021 15:39
 Operator : JU/CG
 Sample : M1998-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	499	504	510	rBV	1955577	2147277	35.06%	2.478%
2	5.469	571	575	581	rVB	3628806	3090645	50.46%	3.566%
3	6.098	679	682	685	rVV2	175042	196954	3.22%	0.227%
4	6.392	727	732	737	rBV2	327830	472539	7.72%	0.545%
5	6.487	743	748	753	rBV2	4353433	6124877	100.00%	7.067%
6	6.598	762	767	770	rBV4	166048	278629	4.55%	0.321%
7	6.681	778	781	785	rBV	731252	686046	11.20%	0.792%
8	6.763	789	795	801	rBV	729148	830657	13.56%	0.958%
9	6.851	806	810	812	rVV	1797241	1687043	27.54%	1.947%
10	6.869	812	813	817	rVB	429430	211126	3.45%	0.244%
11	6.910	817	820	823	rBV	551282	503507	8.22%	0.581%
12	6.981	828	832	833	rVV2	225351	304415	4.97%	0.351%
13	6.998	833	835	839	rVV2	266627	265198	4.33%	0.306%
14	7.128	852	857	860	rBV	438331	461491	7.53%	0.532%
15	7.192	866	868	872	rBV	230479	219318	3.58%	0.253%
16	7.245	872	877	880	rBV5	225257	351365	5.74%	0.405%
17	7.281	880	883	890	rVV6	124825	247161	4.04%	0.285%
18	7.410	895	905	907	rVV	3680572	3444693	56.24%	3.975%
19	7.451	910	912	916	rVB2	274740	251245	4.10%	0.290%
20	7.498	916	920	923	rVB5	263344	441750	7.21%	0.510%
21	7.557	923	930	933	rBV3	173266	398619	6.51%	0.460%
22	7.604	933	938	941	rVV4	190536	356267	5.82%	0.411%
23	7.634	941	943	945	rVV	234895	202407	3.30%	0.234%
24	7.657	945	947	950	rVB3	345881	326093	5.32%	0.376%
25	7.775	965	967	971	rVB3	331204	307676	5.02%	0.355%
26	7.822	971	975	977	rBV3	179569	217837	3.56%	0.251%
27	7.886	982	986	990	rBV3	288104	373394	6.10%	0.431%
28	8.022	1004	1009	1011	rBV2	580381	723686	11.82%	0.835%
29	8.086	1016	1020	1023	rVV5	129933	226050	3.69%	0.261%
30	8.134	1023	1028	1031	rVV	2347832	2570182	41.96%	2.966%
31	8.198	1035	1039	1042	rVB	1033608	837390	13.67%	0.966%
32	8.228	1042	1044	1047	rBV3	245356	271029	4.43%	0.313%
33	8.345	1061	1064	1066	rVB2	369201	307979	5.03%	0.355%
34	8.428	1074	1078	1081	rVV4	417647	560767	9.16%	0.647%
35	8.481	1085	1087	1090	rBV2	342169	320416	5.23%	0.370%
36	8.516	1090	1093	1097	rVB3	446043	461927	7.54%	0.533%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123668.D
 Acq On : 21 Apr 2021 15:39
 Operator : JU/CG
 Sample : M1998-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D

Integration Parameters: rteint.p

Integrator: RTE

Smoother: ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.563	1097	1101	1103	rBV	1362583	1294908	21.14%	1.494%
38	8.581	1103	1104	1106	rVV2	389560	236911	3.87%	0.273%
39	8.598	1106	1107	1110	rVB2	317914	249710	4.08%	0.288%
40	8.681	1117	1121	1126	rBV6	394761	562744	9.19%	0.649%
41	8.728	1126	1129	1133	rVV	702179	708171	11.56%	0.817%
42	8.775	1134	1137	1139	rVV	884568	859268	14.03%	0.991%
43	8.828	1143	1146	1148	rVB	568023	558104	9.11%	0.644%
44	8.886	1153	1156	1159	rVB	615308	480276	7.84%	0.554%
45	8.916	1159	1161	1164	rBV3	198903	281069	4.59%	0.324%
46	9.016	1175	1178	1182	rBV3	525942	797524	13.02%	0.920%
47	9.051	1182	1184	1188	rVV2	393013	513381	8.38%	0.592%
48	9.098	1189	1192	1195	rVV	437637	484660	7.91%	0.559%
49	9.133	1196	1198	1200	rVV2	598049	482550	7.88%	0.557%
50	9.163	1200	1203	1206	rVV	1830240	1463419	23.89%	1.689%
51	9.216	1208	1212	1214	rVB	4867072	4350040	71.02%	5.019%
52	9.298	1222	1226	1230	rBV3	985454	1346166	21.98%	1.553%
53	9.339	1231	1233	1236	rVV3	220296	229522	3.75%	0.265%
54	9.416	1243	1246	1249	rVB3	293996	288175	4.70%	0.333%
55	9.551	1267	1269	1271	rBV2	561638	440549	7.19%	0.508%
56	9.575	1271	1273	1276	rVB	442562	320949	5.24%	0.370%
57	9.622	1276	1281	1283	rBV2	2163340	3117847	50.90%	3.598%
58	9.763	1301	1305	1308	rBV3	566695	720472	11.76%	0.831%
59	9.810	1310	1313	1315	rVV	891305	774145	12.64%	0.893%
60	9.892	1324	1327	1330	rVB	2332718	2178281	35.56%	2.513%
61	9.933	1332	1334	1337	rBV3	327355	313383	5.12%	0.362%
62	10.004	1343	1346	1349	rVB3	408363	432529	7.06%	0.499%
63	10.057	1353	1355	1358	rVV2	376150	496178	8.10%	0.573%
64	10.092	1358	1361	1364	rVV2	779933	860919	14.06%	0.993%
65	10.116	1364	1365	1367	rVV2	307564	248620	4.06%	0.287%
66	10.151	1367	1371	1375	rVV3	799198	1160814	18.95%	1.339%
67	10.186	1375	1377	1379	rVB	299852	219444	3.58%	0.253%
68	10.216	1379	1382	1384	rBV3	387000	388221	6.34%	0.448%
69	10.239	1384	1386	1388	rVV2	340045	248415	4.06%	0.287%
70	10.269	1388	1391	1394	rVV3	372591	389042	6.35%	0.449%
71	10.304	1395	1397	1399	rVV3	630405	573908	9.37%	0.662%
72	10.327	1399	1401	1403	rVV	495548	397214	6.49%	0.458%
73	10.357	1403	1406	1408	rVV2	372391	416205	6.80%	0.480%
74	10.386	1408	1411	1414	rVB4	335817	404611	6.61%	0.467%
75	10.551	1435	1439	1445	rVB	2212481	2240213	36.58%	2.585%
76	10.598	1445	1447	1451	rVB3	455029	509921	8.33%	0.588%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123668.D
 Acq On : 21 Apr 2021 15:39
 Operator : JU/CG
 Sample : M1998-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.639	1451	1454	1456	rBV2	404780	508901	8.31%	0.587%
78	10.669	1456	1459	1460	rBV2	563328	497603	8.12%	0.574%
79	10.816	1479	1484	1491	rBV	3867657	4562256	74.49%	5.264%
80	10.875	1491	1494	1497	rBV3	352839	516386	8.43%	0.596%
81	11.086	1528	1530	1532	rBV2	326180	287246	4.69%	0.331%
82	11.127	1535	1537	1538	rBV	348128	240210	3.92%	0.277%
83	11.251	1556	1558	1560	rBV	451332	377321	6.16%	0.435%
84	11.286	1560	1564	1570	rVB	2259520	2436200	39.78%	2.811%
85	11.386	1578	1581	1583	rBV	2152354	1953964	31.90%	2.255%
86	11.439	1588	1590	1596	rVB2	792594	1007462	16.45%	1.162%
87	11.633	1621	1623	1626	rVB	576124	487920	7.97%	0.563%
88	11.680	1629	1631	1633	rVB	496532	320969	5.24%	0.370%
89	11.916	1669	1671	1673	rVB	448308	336171	5.49%	0.388%
90	11.980	1680	1682	1683	rBV	359423	297668	4.86%	0.343%
91	12.086	1698	1700	1703	rVB2	429201	391757	6.40%	0.452%
92	12.369	1746	1748	1751	rBV2	530201	512802	8.37%	0.592%
93	12.439	1758	1760	1763	rVB	555597	486263	7.94%	0.561%
94	12.598	1785	1787	1790	rVB	747179	652348	10.65%	0.753%
95	12.827	1824	1826	1829	rBV	699277	621355	10.14%	0.717%
96	12.974	1847	1851	1854	rBV	4147788	3732368	60.94%	4.307%
97	14.015	2025	2028	2029	rBV	1869620	1527021	24.93%	1.762%
98	15.515	2279	2283	2286	rBV	942337	1099673	17.95%	1.269%
99	16.439	2437	2440	2445	rVB5	202797	280657	4.58%	0.324%
100	16.674	2477	2480	2490	rVB6	343625	815687	13.32%	0.941%

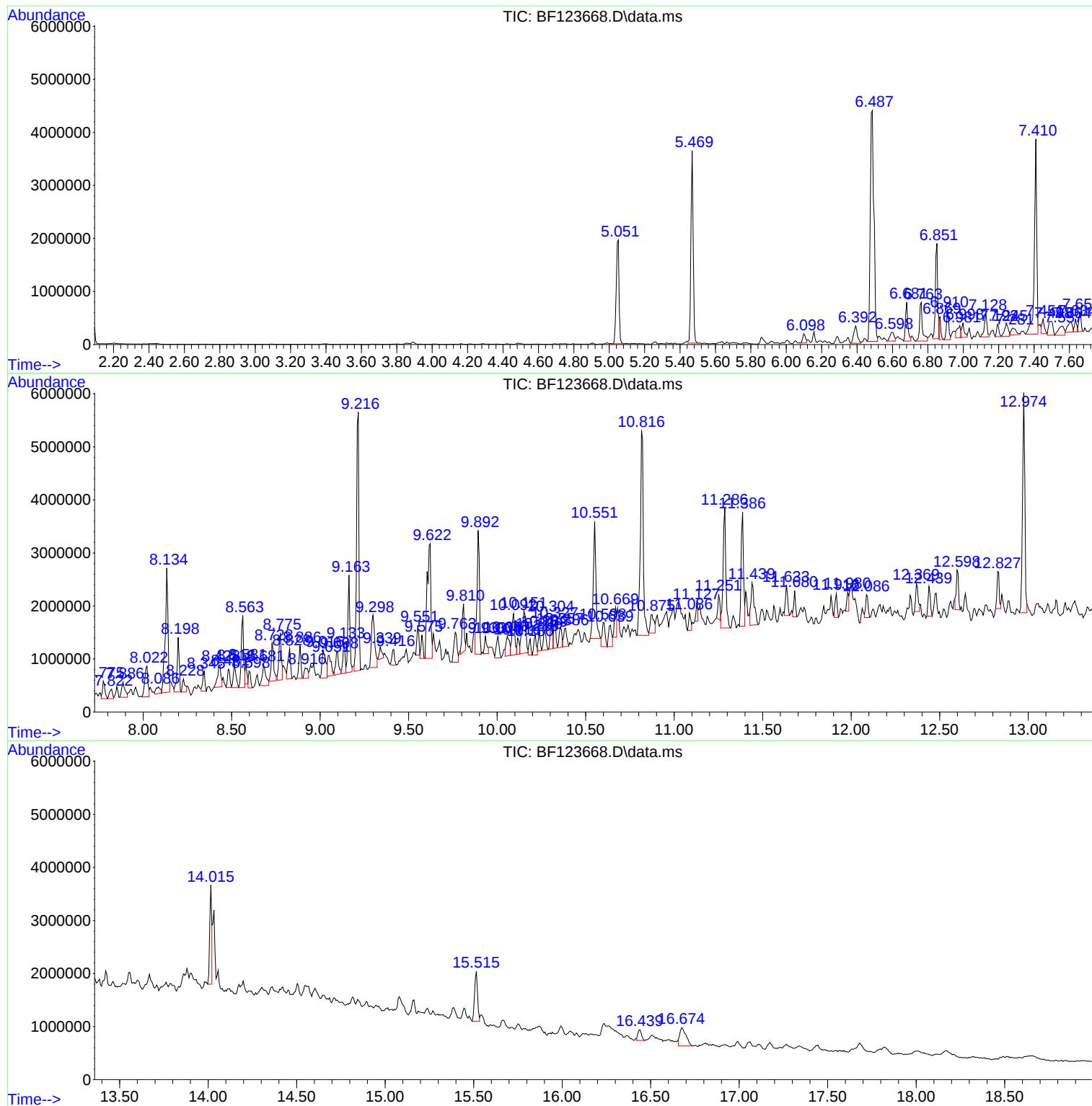
Sum of corrected areas: 86666341

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

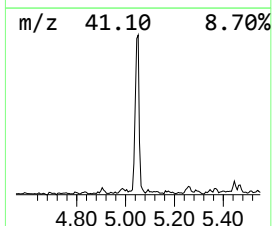
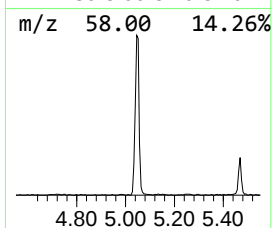
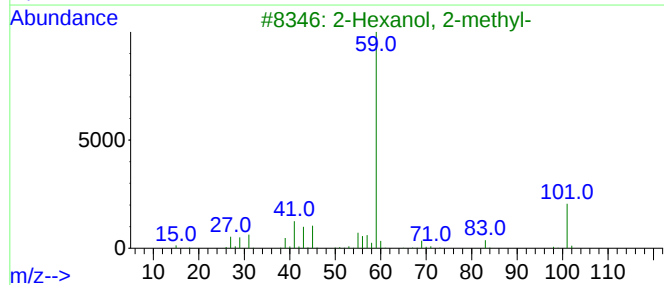
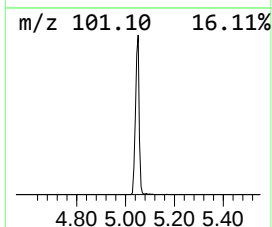
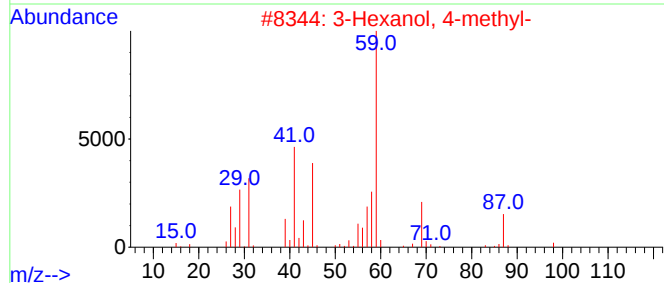
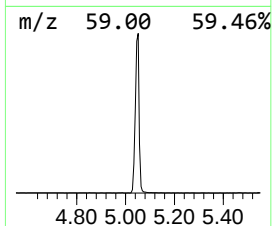
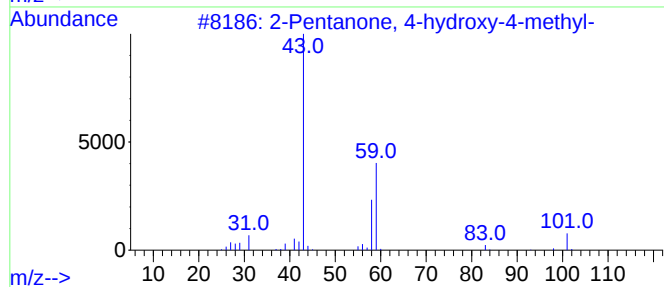
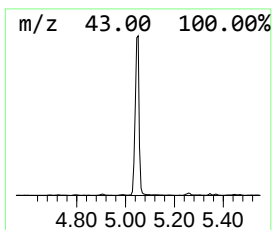
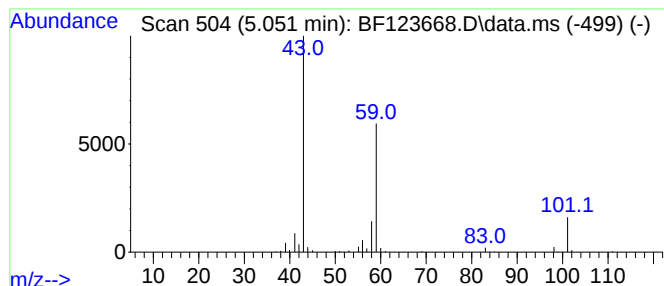
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	25.46 ng	2147280	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

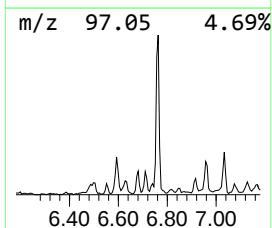
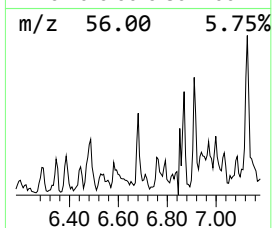
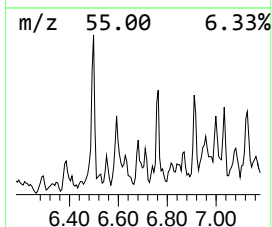
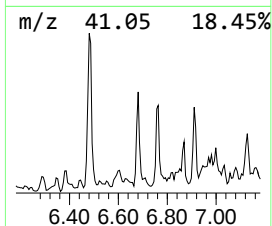
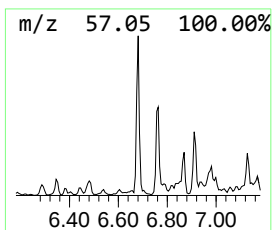
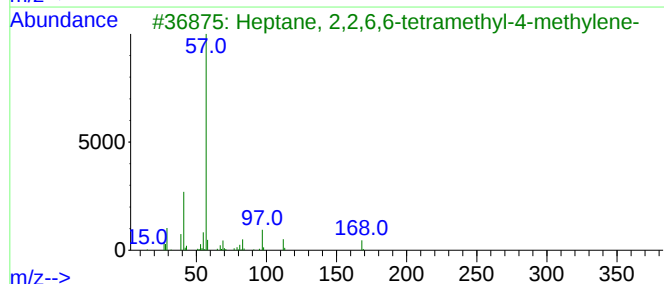
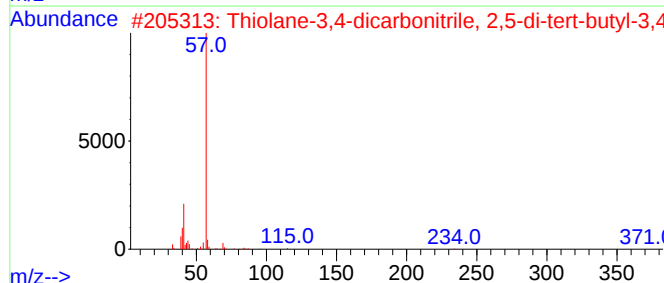
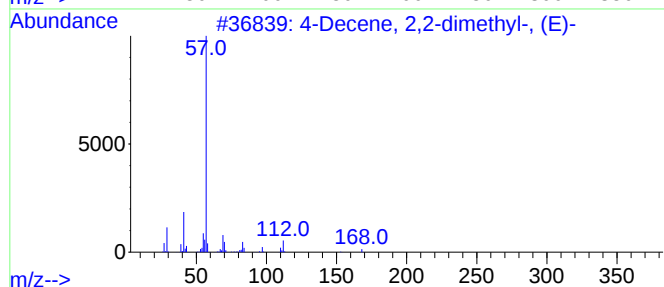
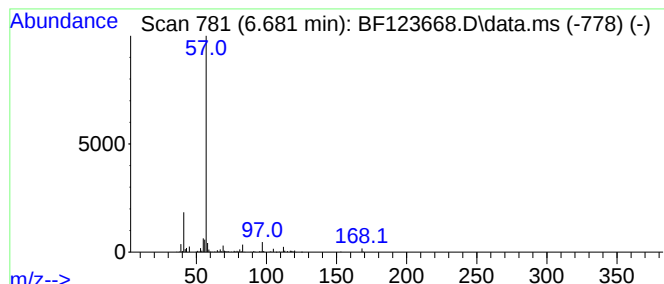
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4-Decene, 2,2-dimethyl-, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	8.13 ng	686046	1,4-Dichlorobenzene-d4	6.851

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	50
2		Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	43
3		Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	43
4		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	39
5		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-3D

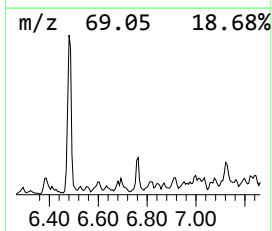
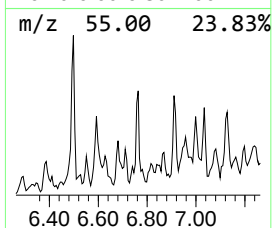
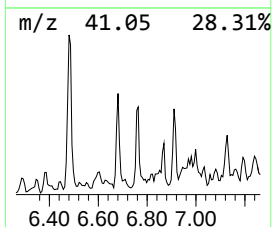
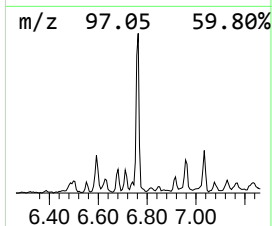
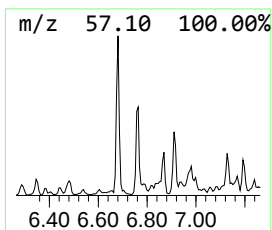
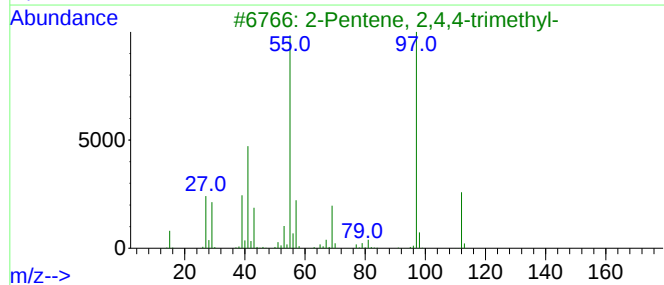
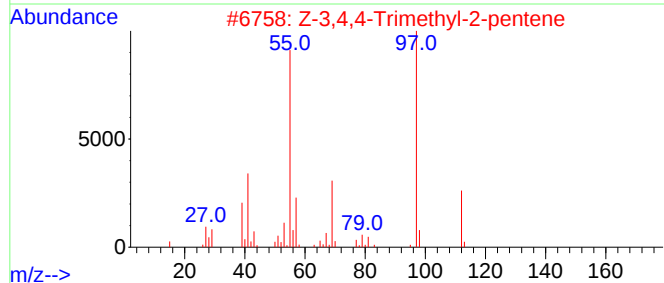
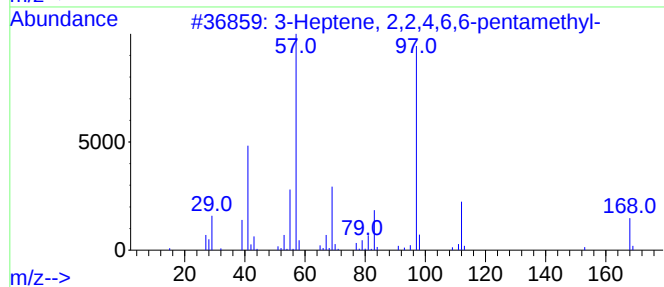
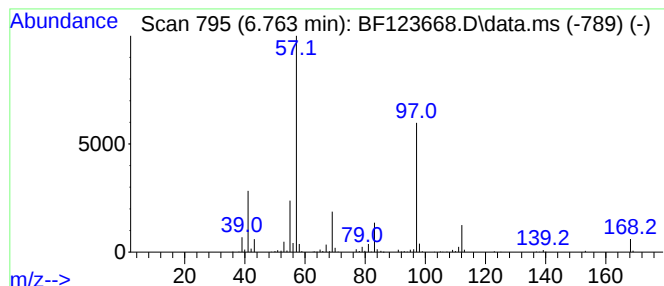
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.763	9.85 ng	830657	1,4-Dichlorobenzene-d4	6.851

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	90
2		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	58
3		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	53
4		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	53
5		2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

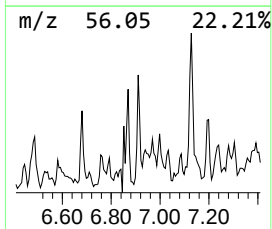
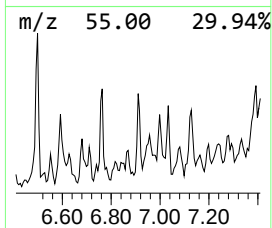
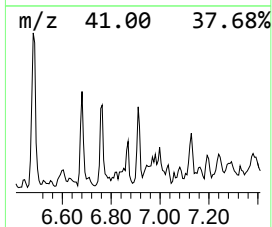
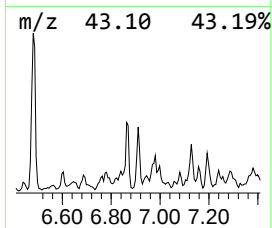
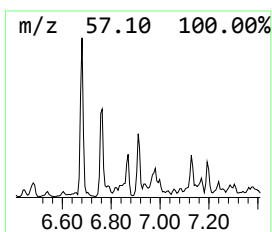
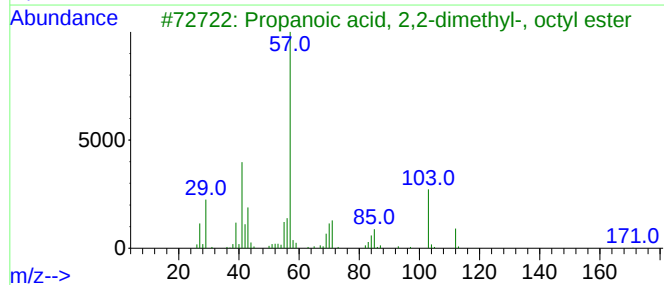
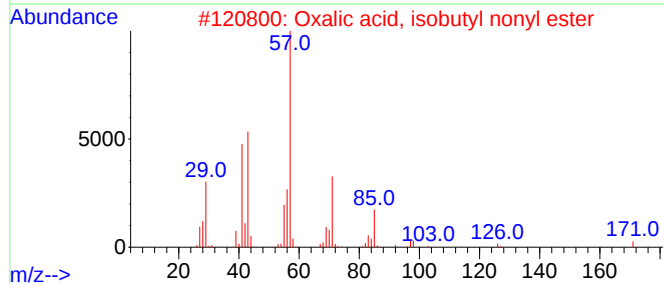
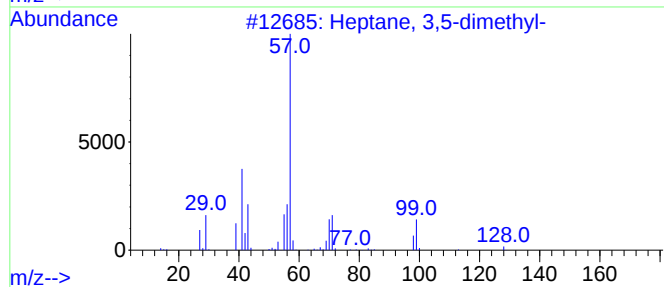
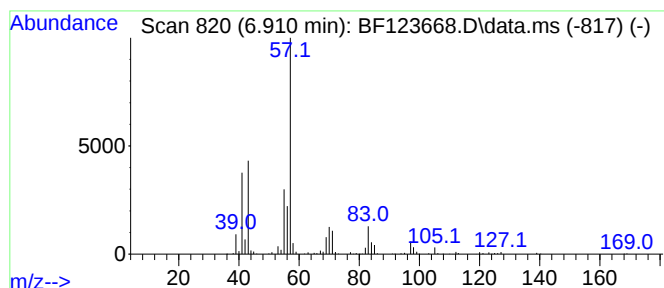
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.910	5.97 ng	503507	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
3			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	53
4			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

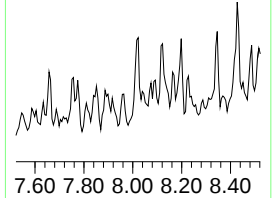
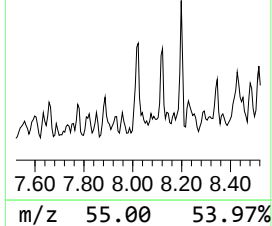
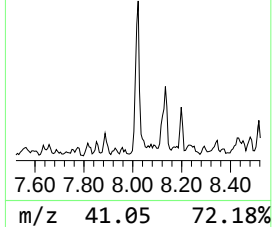
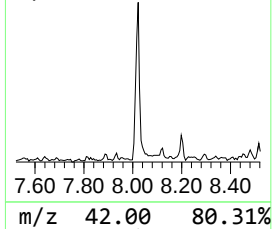
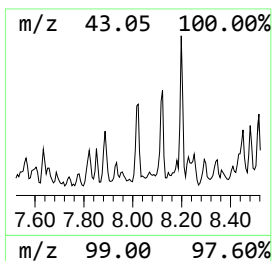
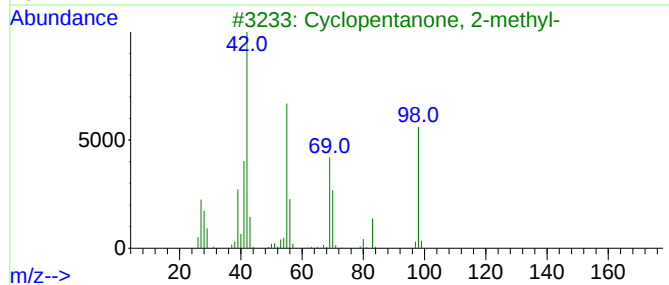
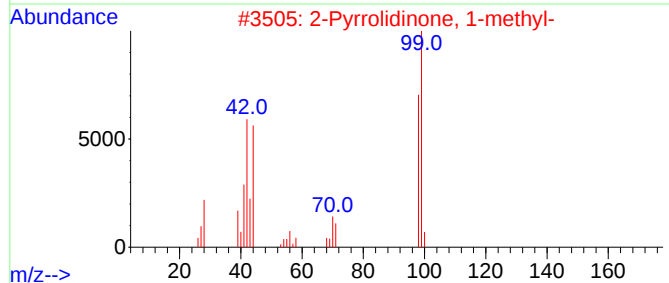
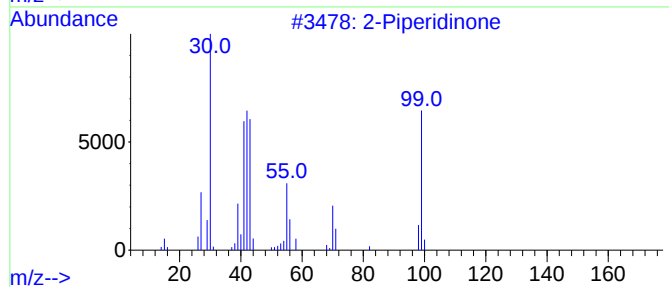
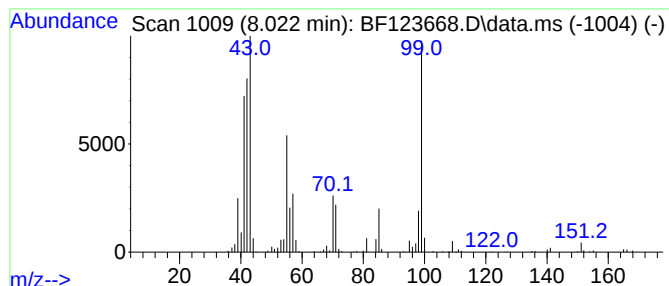
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Piperidinone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	5.63 ng	723686	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Piperidinone	99	C5H9NO	000675-20-7	74
2			2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	64
3			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	43
4			2H-Pyran-2-one, tetrahydro-6-pen...	170	C10H18O2	000705-86-2	40
5			4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

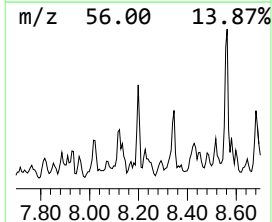
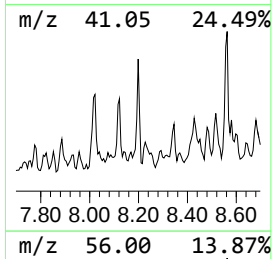
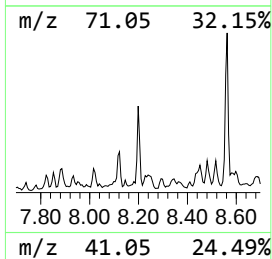
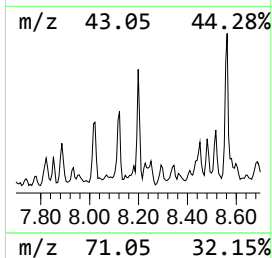
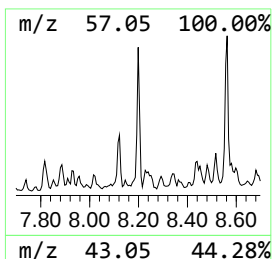
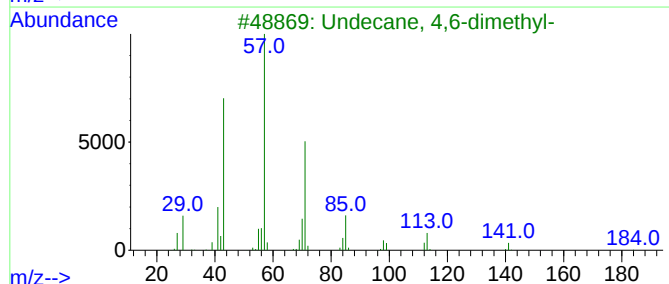
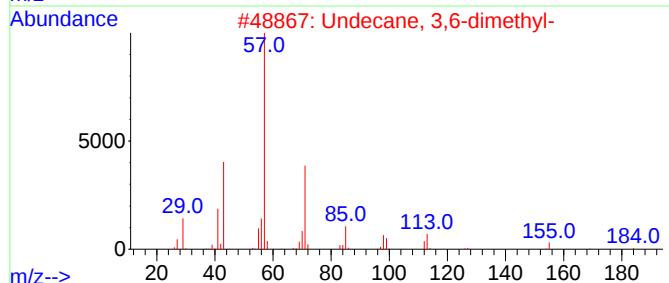
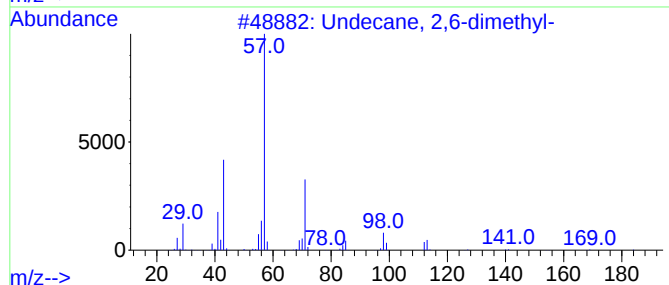
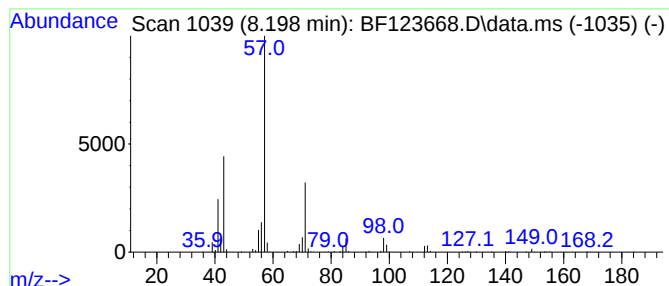
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.198	6.52 ng	837390	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94		
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90		
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64		
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64		
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

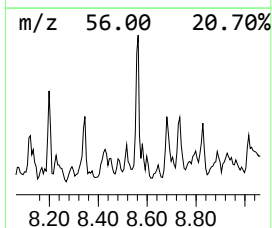
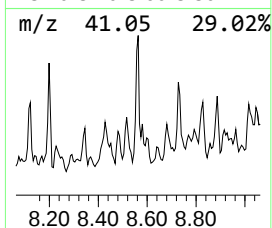
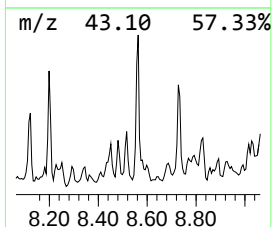
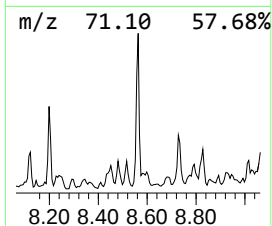
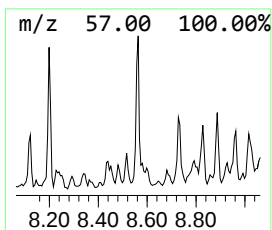
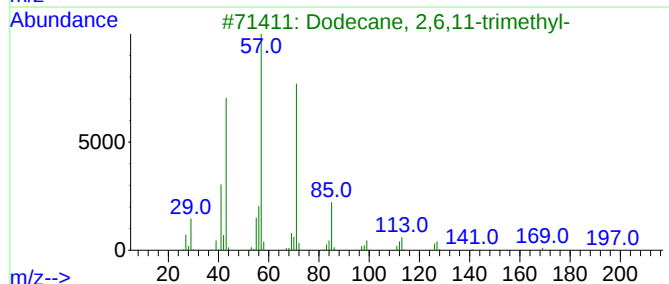
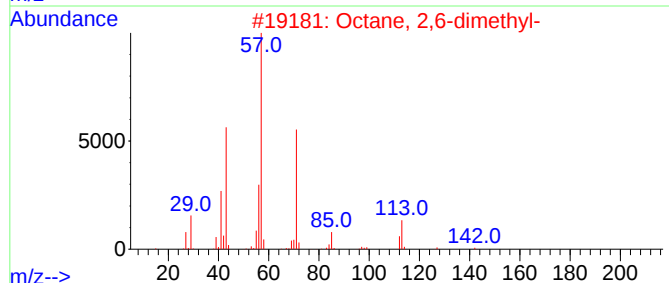
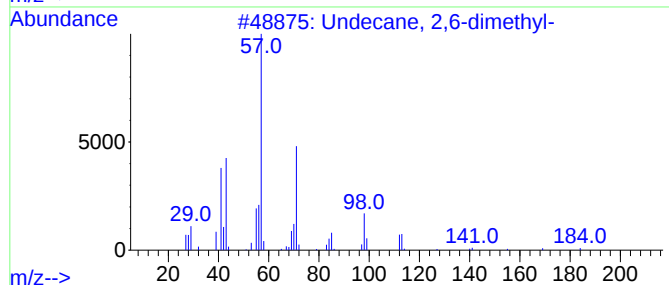
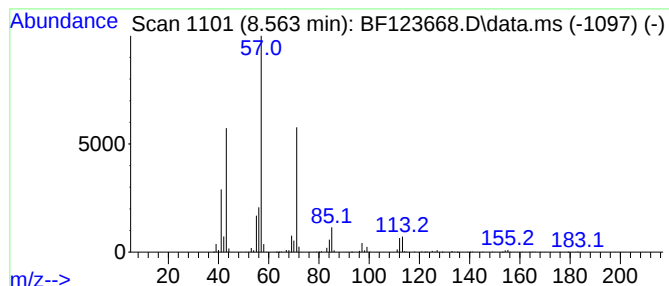
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	10.08 ng	1294910	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

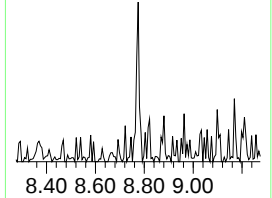
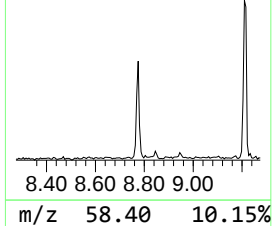
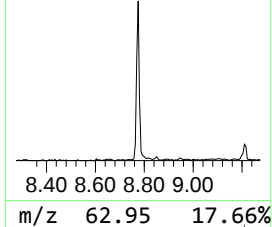
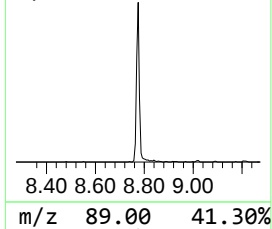
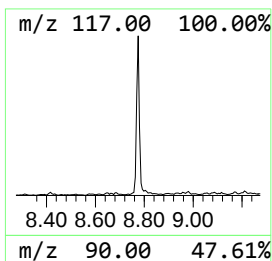
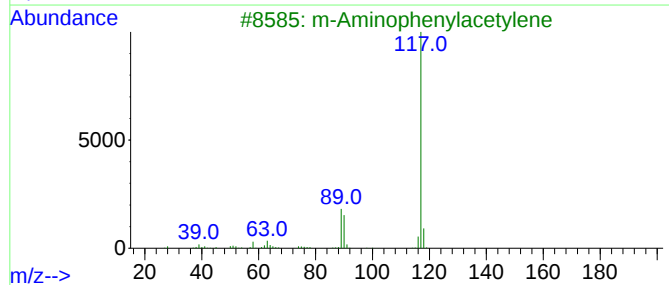
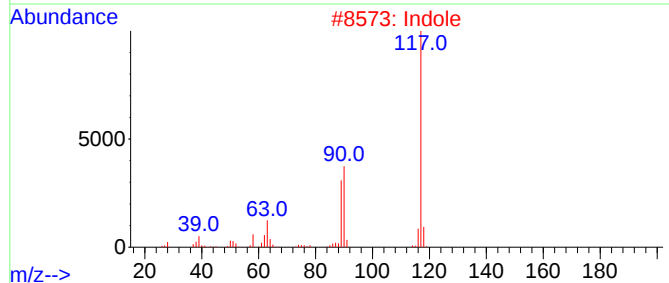
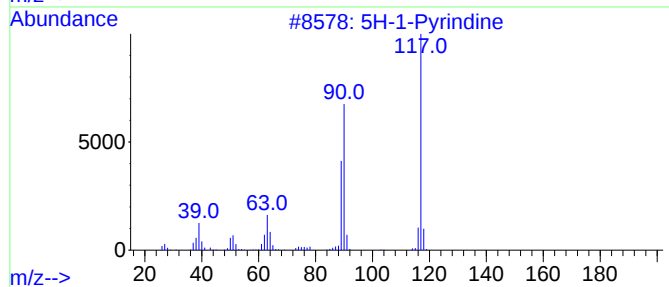
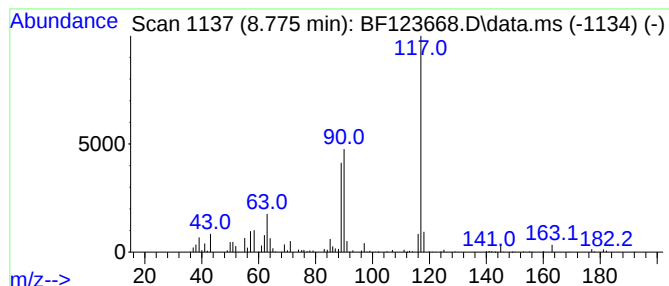
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 5H-1-Pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	6.69 ng	859268	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-1-Pyridine	117	C8H7N	000270-91-7	94
2			Indole	117	C8H7N	000120-72-9	93
3			m-Aminophenylacetylene	117	C8H7N	054060-30-9	90
4			Indolizine	117	C8H7N	000274-40-8	87
5			Benzyl nitrile	117	C8H7N	000140-29-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

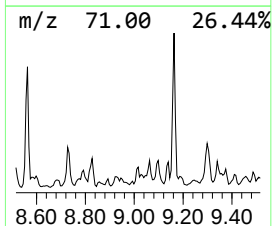
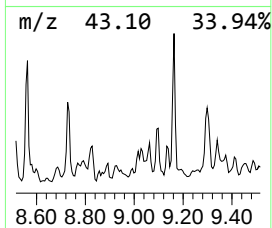
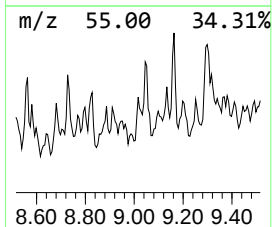
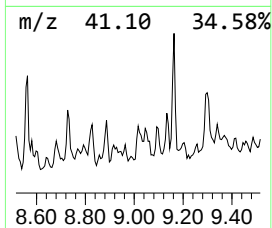
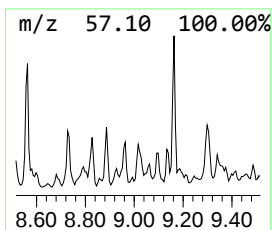
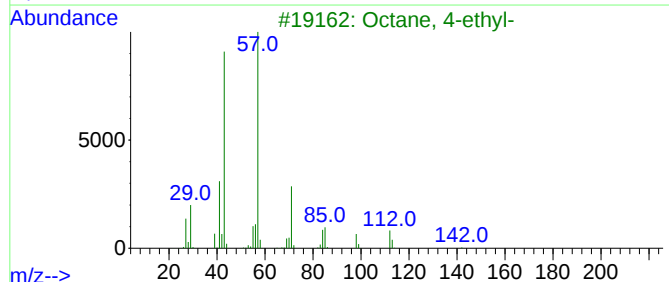
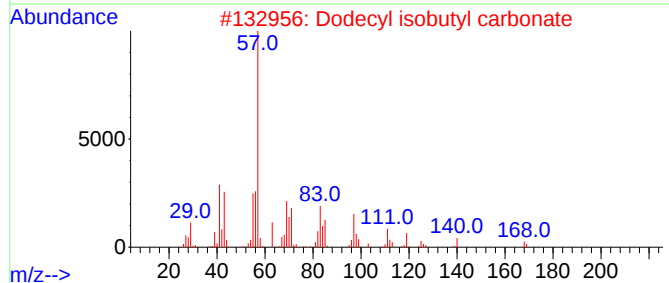
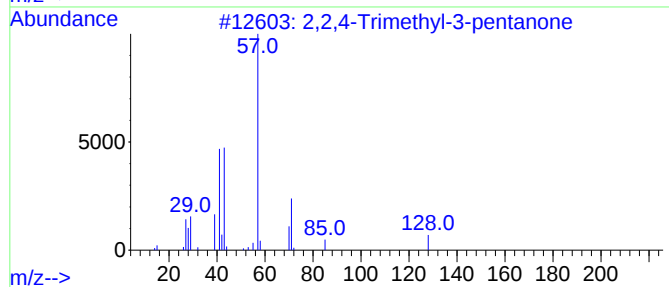
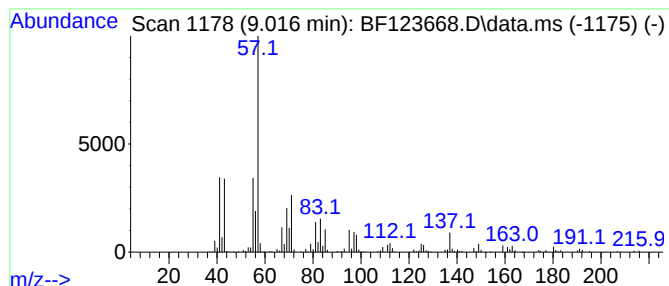
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.016	7.32 ng	797524	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	43
2			Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	43
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
4			Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	43
5			Dichloroacetic acid, 2,2-dimethy...	198	C7H12Cl2O2	1000282-43-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

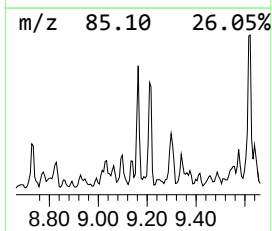
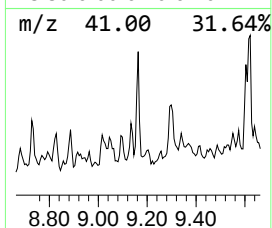
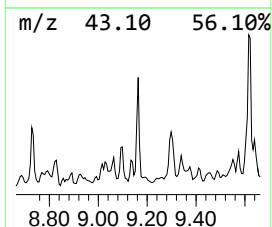
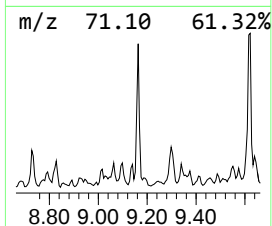
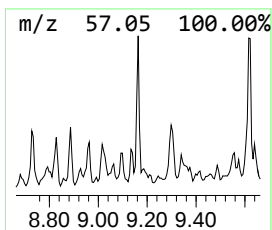
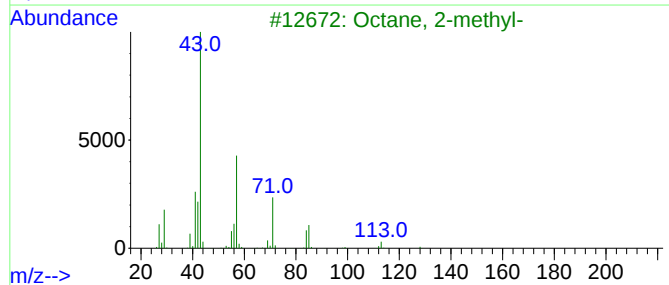
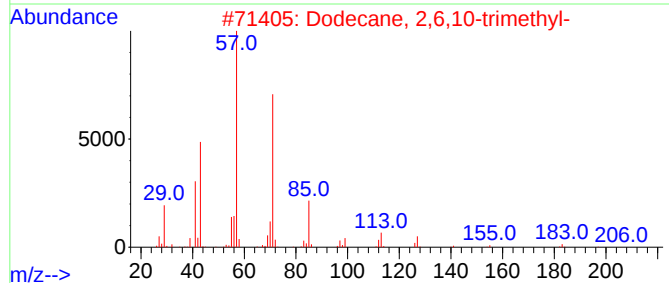
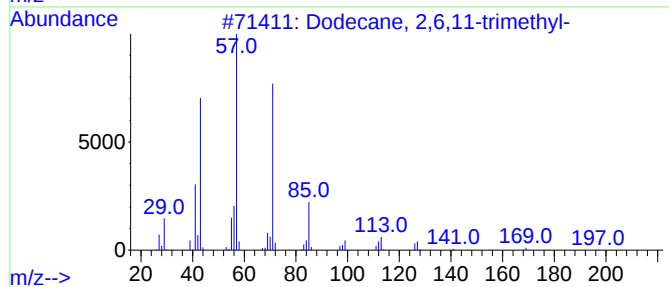
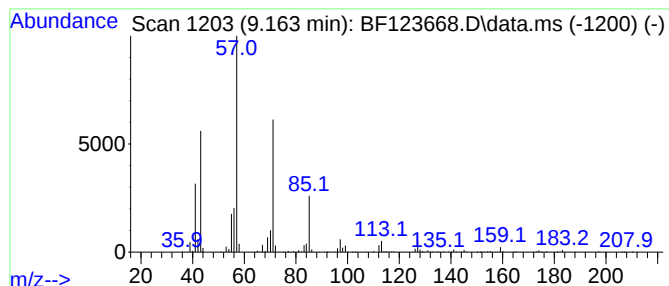
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	13.44 ng	1463420	Acenaphthene-d10	9.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Octane, 2-methyl-	128	C9H20	003221-61-2	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

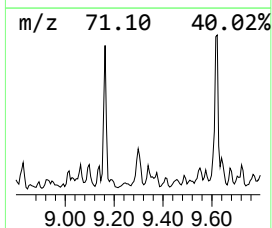
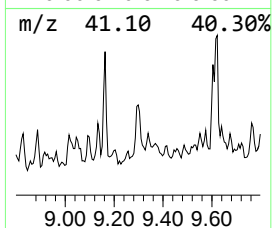
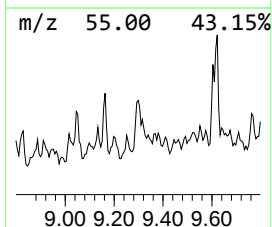
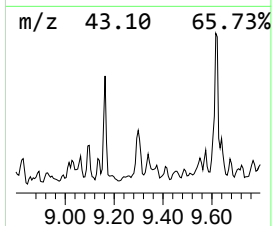
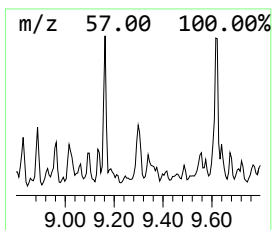
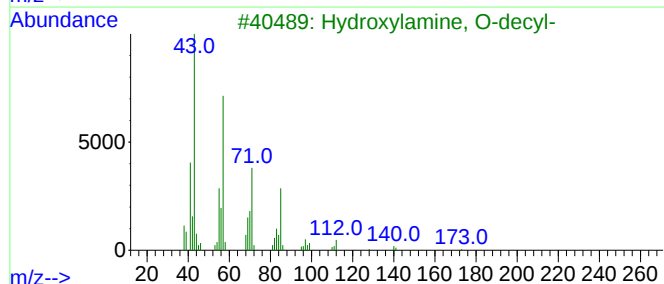
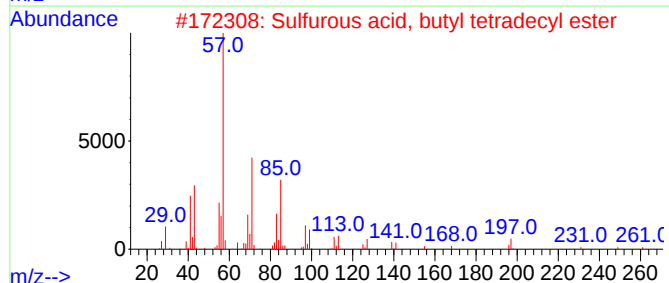
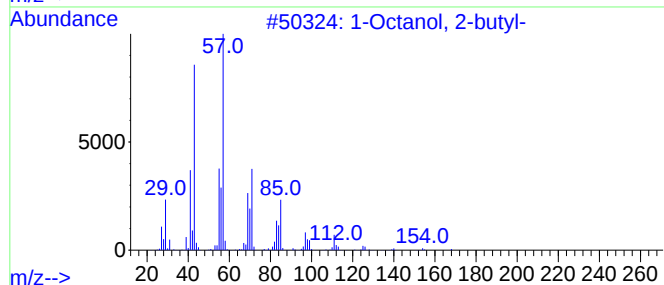
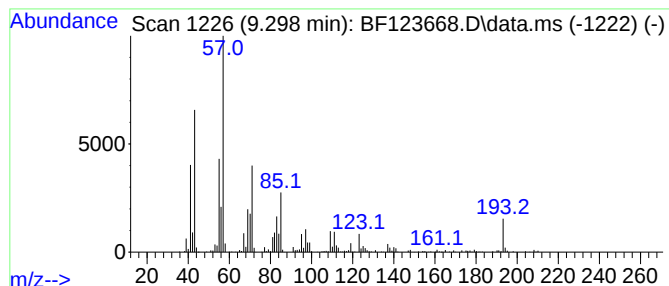
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1-Octanol, 2-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	12.36 ng	1346170	Acenaphthene-d10	9.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	59
3		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	58
4		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-3D

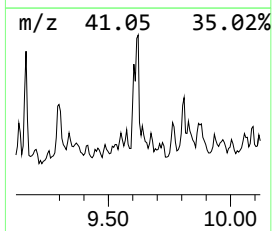
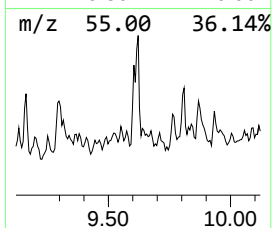
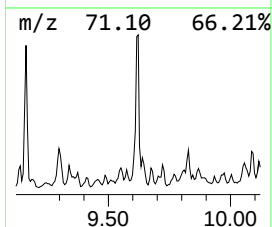
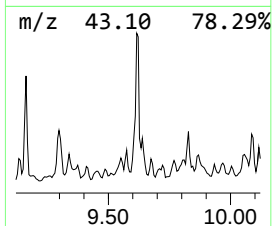
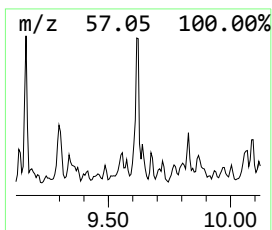
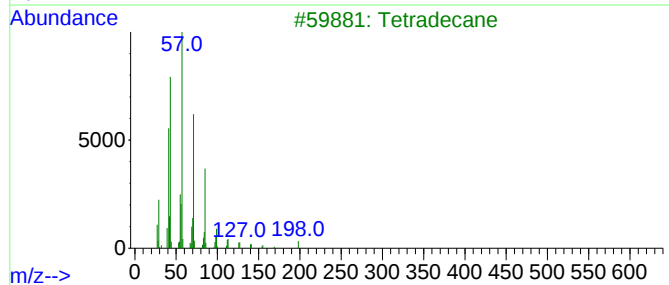
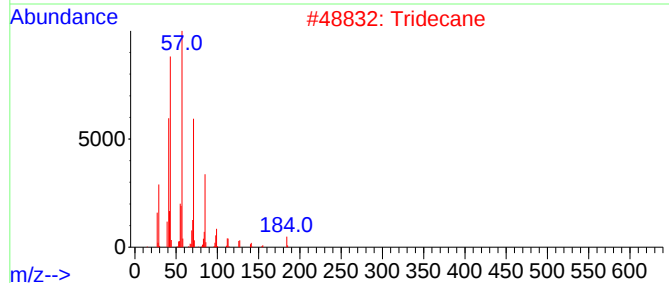
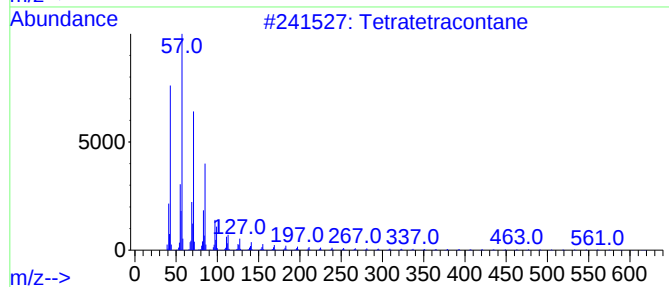
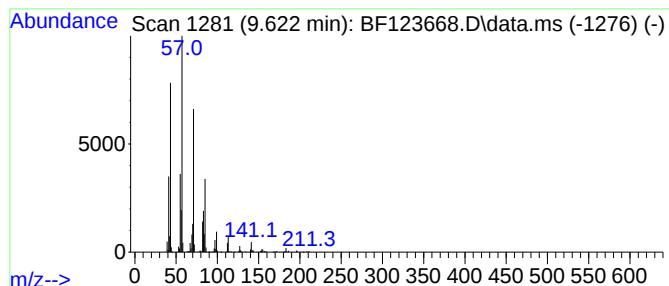
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetratetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	28.63 ng	3117850	Acenaphthene-d10	9.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	86
2		Tridecane	184	C13H28	000629-50-5	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Eicosane	282	C20H42	000112-95-8	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

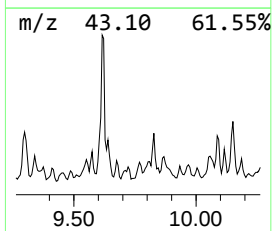
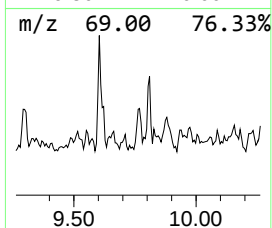
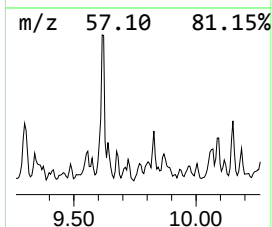
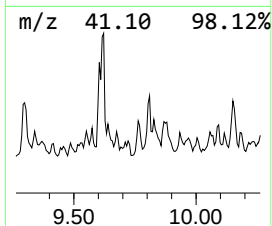
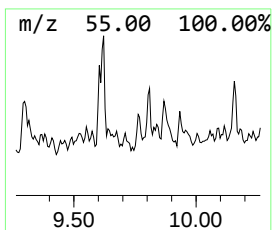
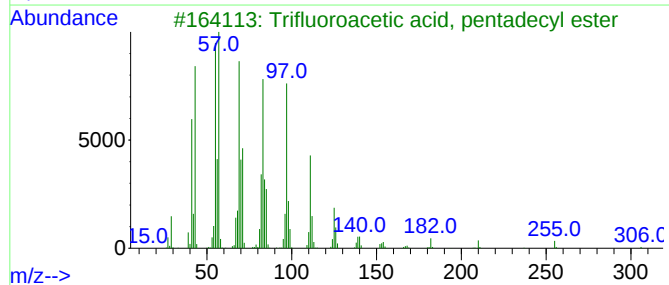
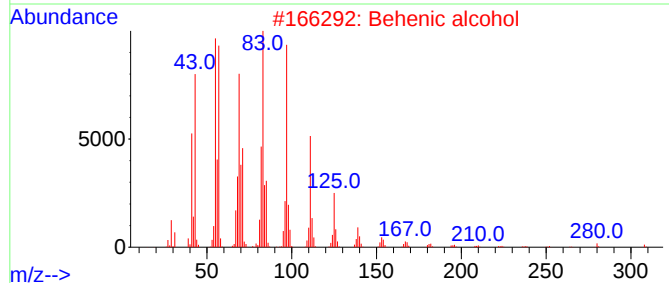
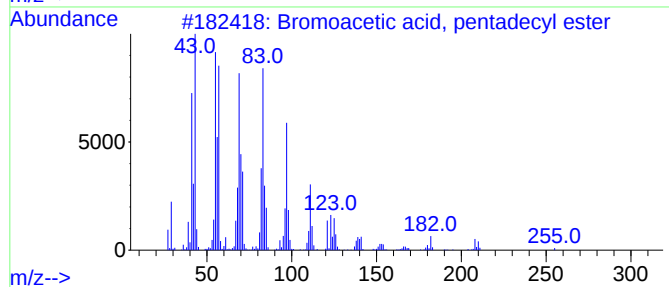
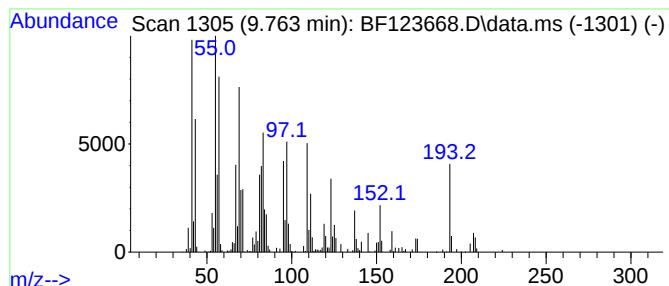
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown9.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	6.62 ng	720472	Acenaphthene-d10	9.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	45
2		Behenic alcohol	326	C22H46O	000661-19-8	41
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	41
4		1-Hexadecanol	242	C16H34O	036653-82-4	41
5		4-Trifluoroacetoxylhexadecane	338	C18H33F3O2	1000215-97-5	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

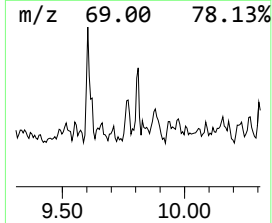
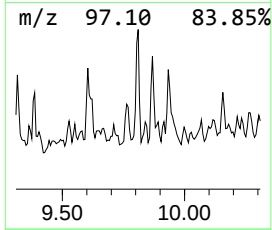
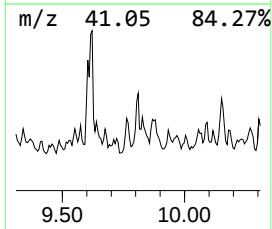
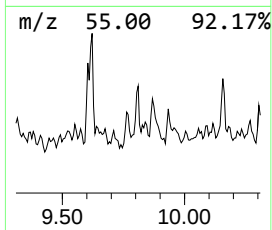
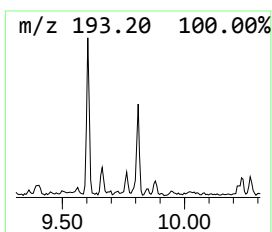
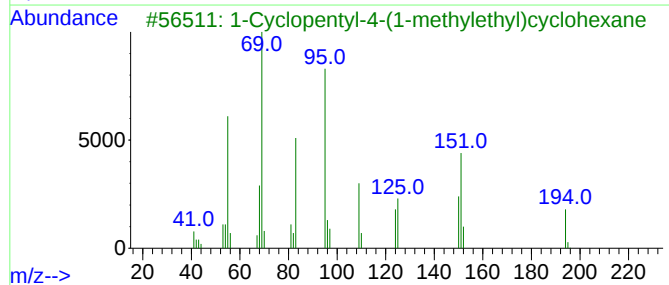
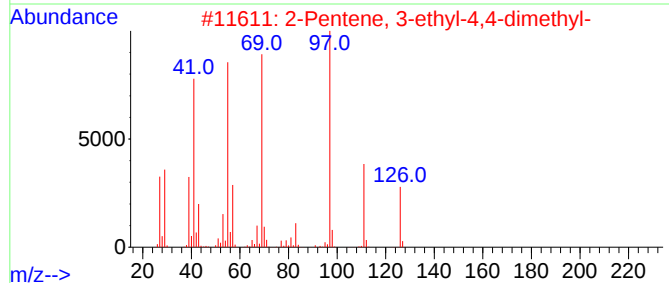
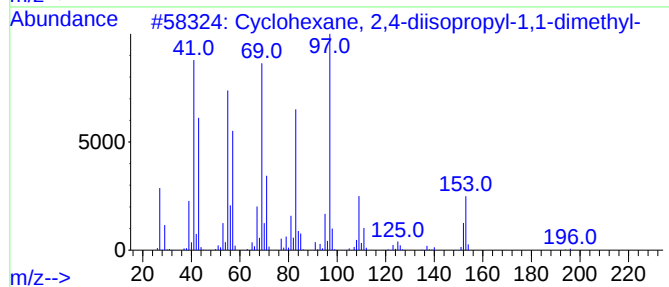
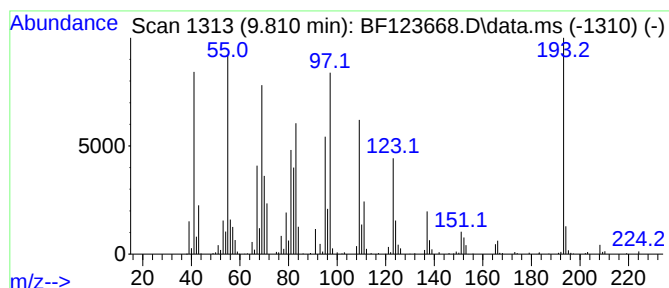
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown9.81 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	7.11 ng	774145	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	38
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3			1-Cyclopentyl-4-(1-methylethyl)c...	194	C14H26	1000215-44-4	25
4			2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
5			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

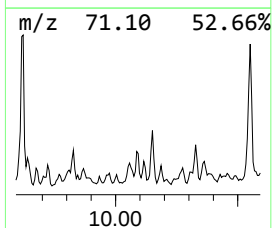
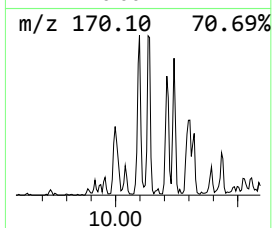
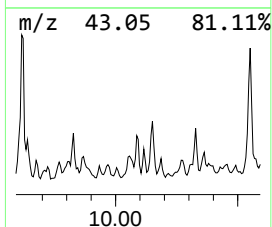
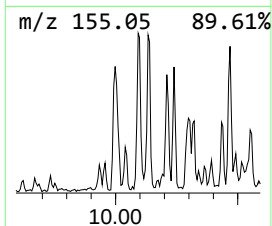
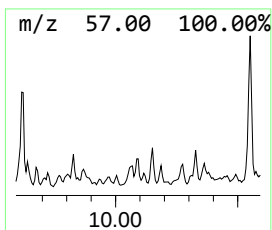
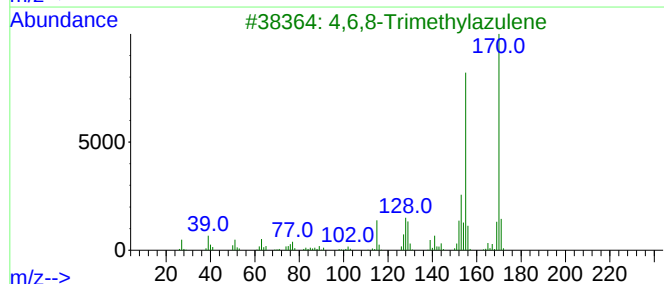
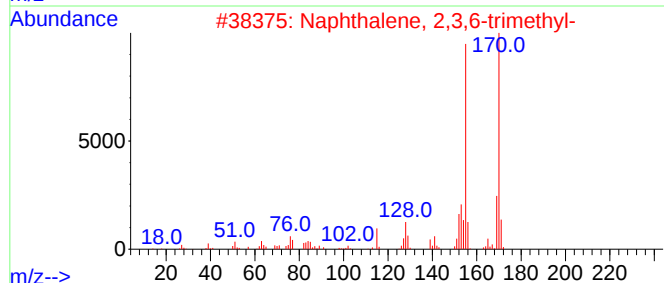
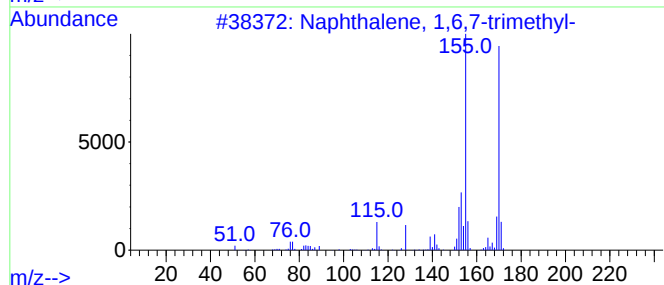
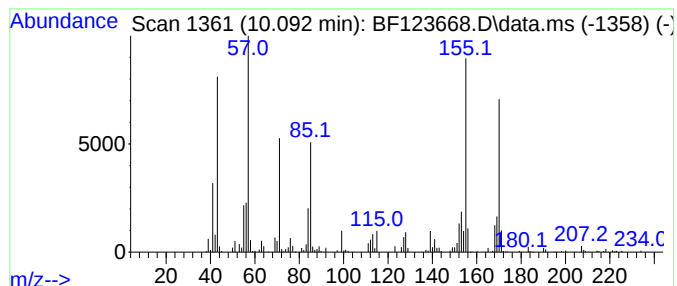
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	7.90 ng	860919	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-3D

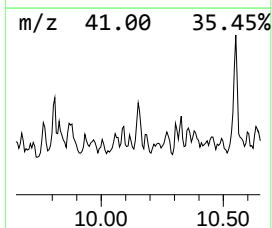
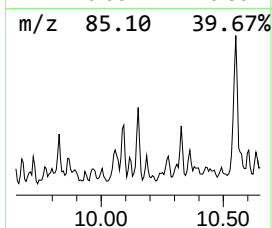
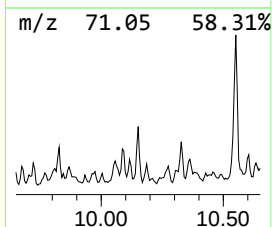
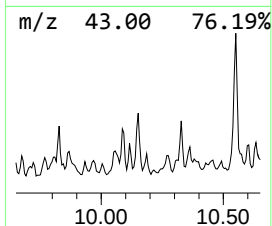
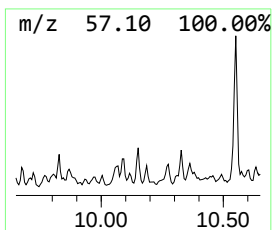
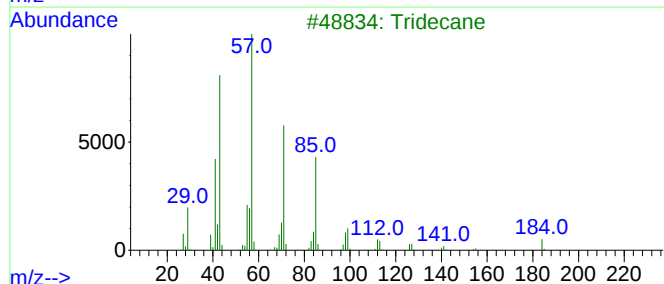
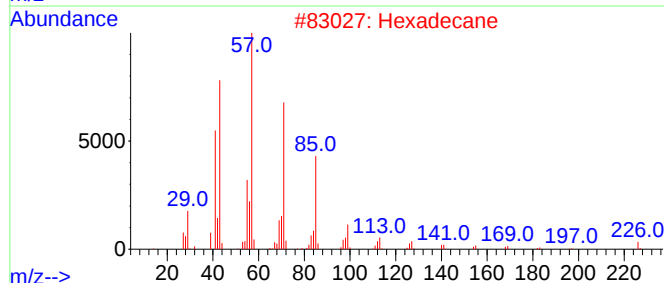
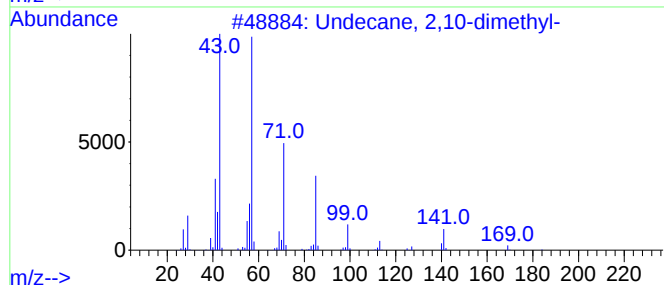
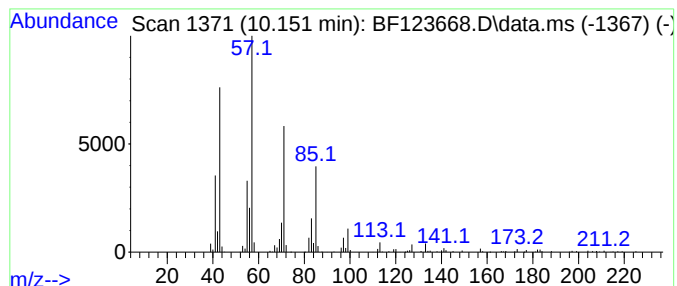
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Undecane, 2,10-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	10.66 ng	1160810	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	78
4			Decane, 5-propyl-	184	C13H28	017312-62-8	72
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

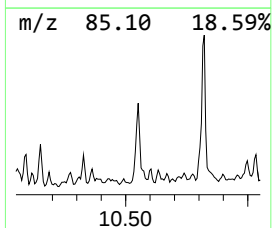
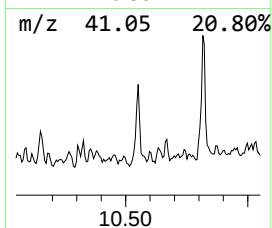
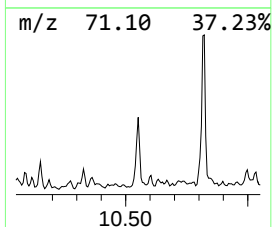
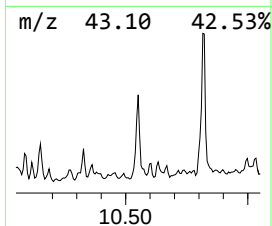
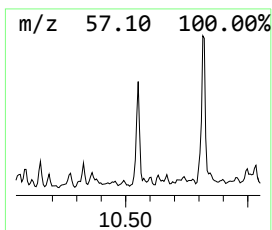
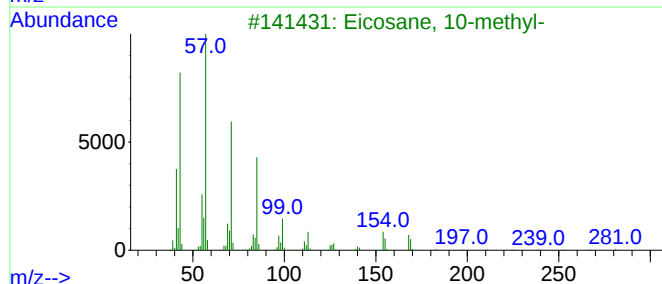
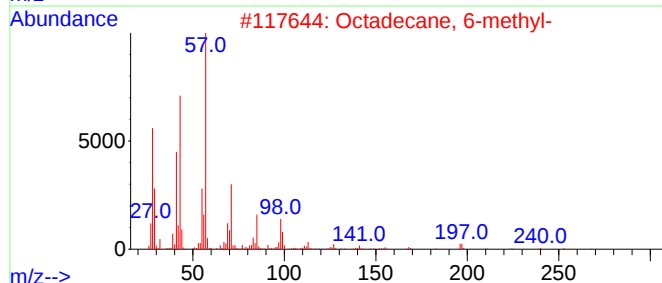
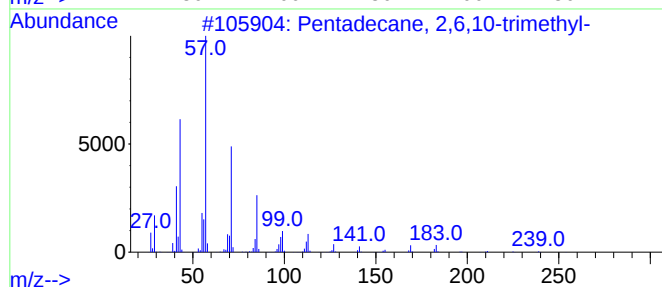
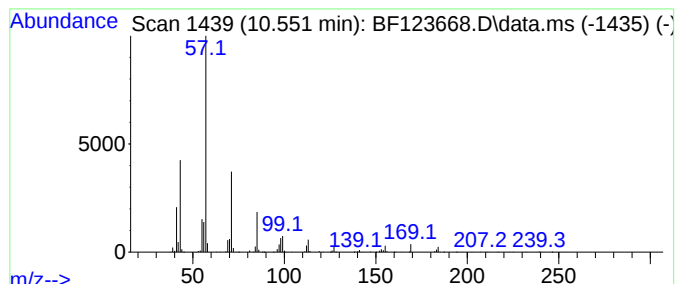
Instrument :
BNA_F
ClientSampleId :
SB-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.551	20.57 ng	2240210	Acenaphthene-d10	9.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Octadecane, 6-methyl-	268	C19H40	010544-96-4	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-3D

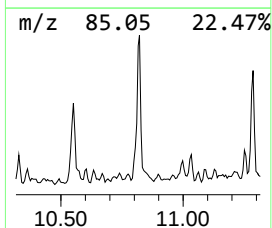
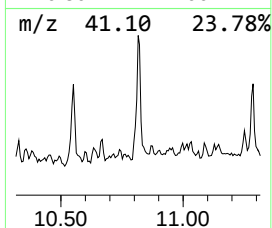
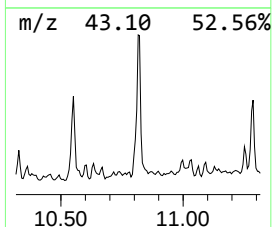
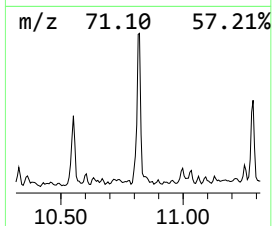
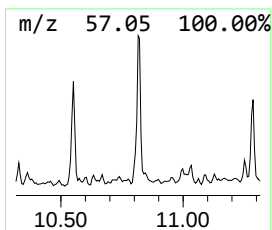
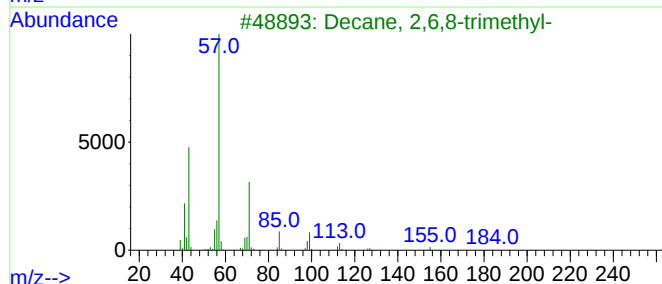
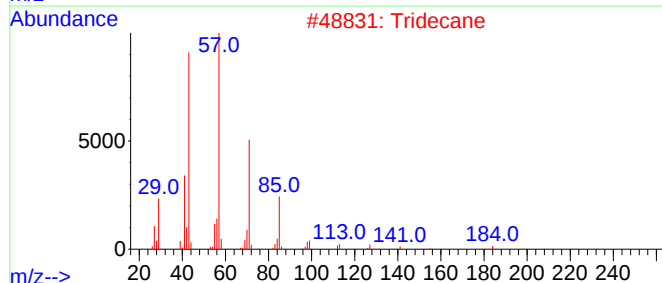
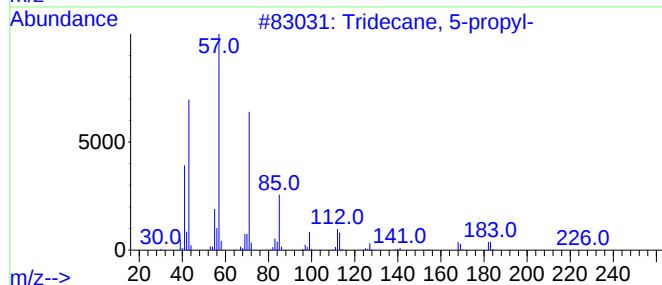
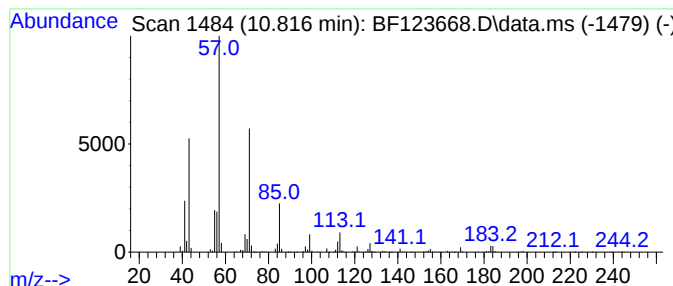
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	46.70 ng	4562260	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2			Tridecane	184	C13H28	000629-50-5	80
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4			Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

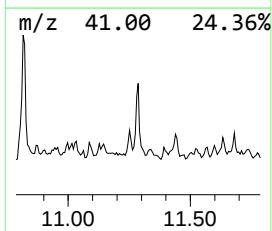
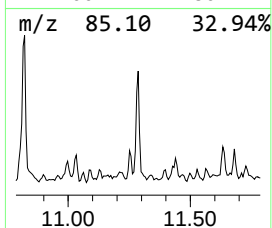
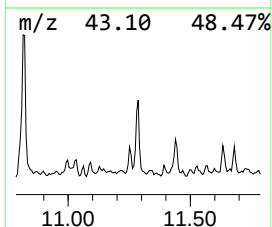
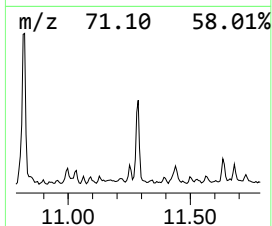
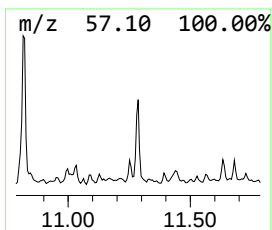
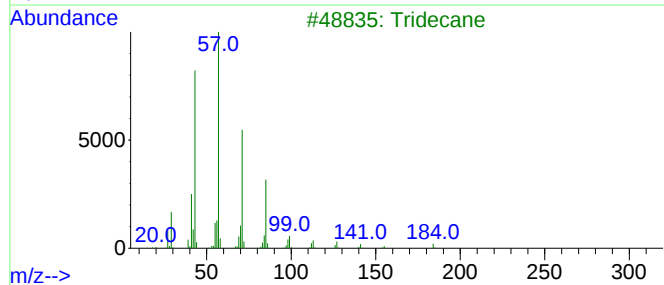
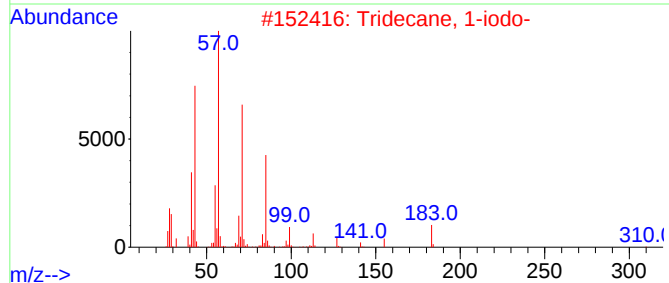
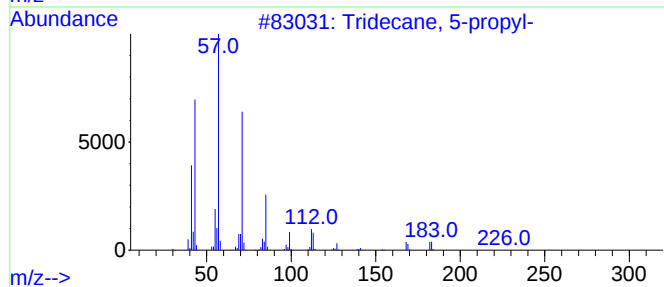
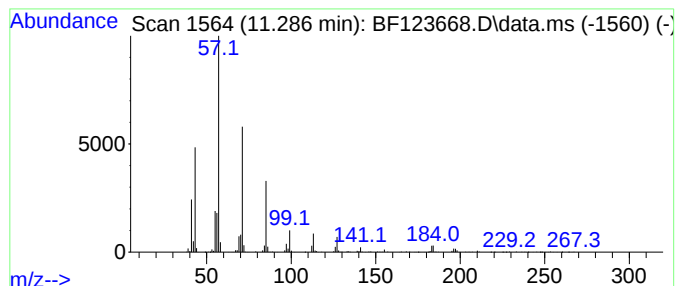
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	24.94 ng	2436200	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

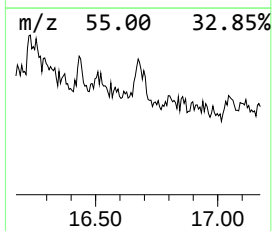
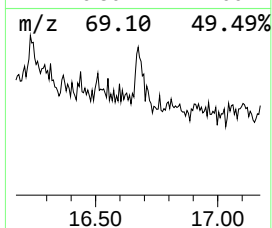
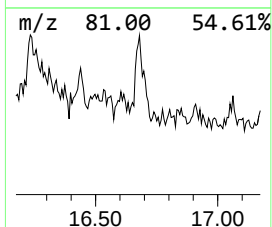
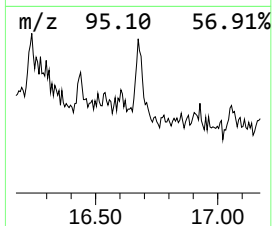
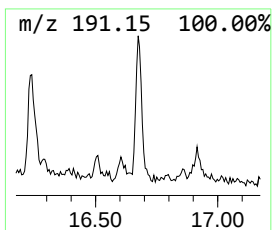
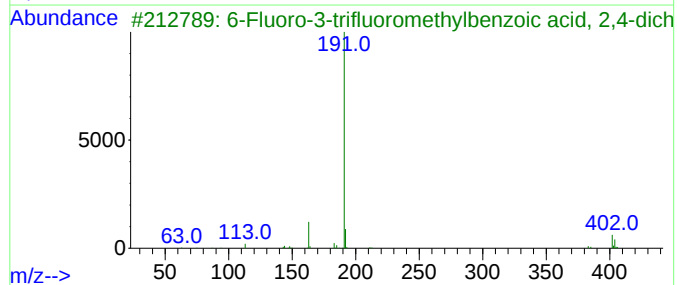
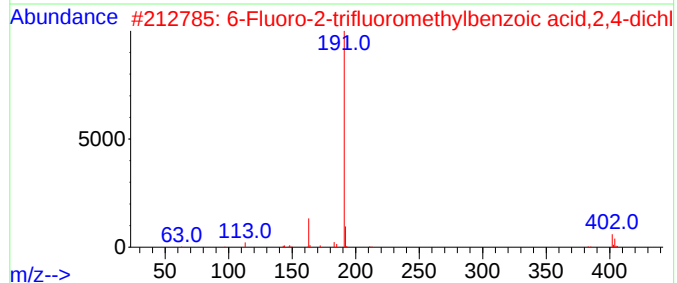
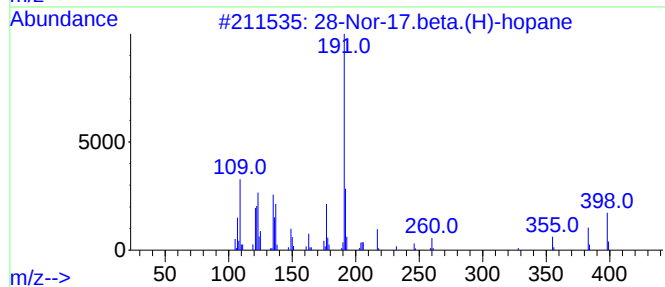
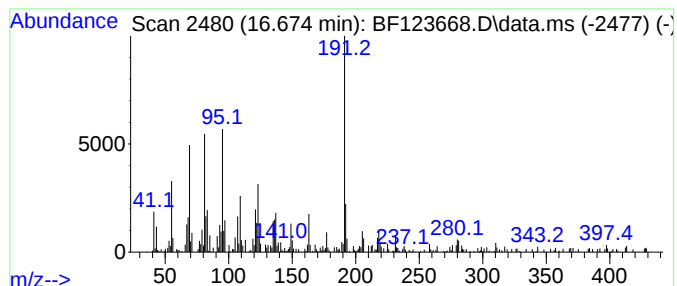
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	14.84 ng	815687	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	83
2			6-Fluoro-2-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000343-74-7	50
3			6-Fluoro-3-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000330-80-8	50
4			2,4,5,5,8a-Pentamethyl-6,7,8,8a...	206	C14H22O	1000195-40-9	50
5			2-Fluoro-3-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000331-62-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123668.D
 Acq On : 21 Apr 2021 15:39
 Operator : JU/CG
 Sample : M1998-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.051	25.5	ng	2147280	1	6.851	1687040	20.0
4-Decene, 2,2-d...	6.681	8.1	ng	686046	1	6.851	1687040	20.0
3-Heptene, 2,2,...	6.763	9.8	ng	830657	1	6.851	1687040	20.0
Heptane, 3,5-di...	6.910	6.0	ng	503507	1	6.851	1687040	20.0
2-Piperidinone	8.022	5.6	ng	723686	2	8.134	2570180	20.0
Undecane, 2,6-d...	8.198	6.5	ng	837390	2	8.134	2570180	20.0
Octane, 2,6-dim...	8.563	10.1	ng	1294910	2	8.134	2570180	20.0
5H-1-Pyridine	8.775	6.7	ng	859268	2	8.134	2570180	20.0
unknown9.01	9.016	7.3	ng	797524	3	9.892	2178280	20.0
Dodecane, 2,6,1...	9.163	13.4	ng	1463420	3	9.892	2178280	20.0
1-Octanol, 2-bu...	9.298	12.4	ng	1346170	3	9.892	2178280	20.0
Tetratetracontane	9.622	28.6	ng	3117850	3	9.892	2178280	20.0
unknown9.76	9.763	6.6	ng	720472	3	9.892	2178280	20.0
unknown9.81	9.810	7.1	ng	774145	3	9.892	2178280	20.0
Naphthalene, 1,...	10.092	7.9	ng	860919	3	9.892	2178280	20.0
Undecane, 2,10-...	10.151	10.7	ng	1160810	3	9.892	2178280	20.0
Pentadecane, 2,...	10.551	20.6	ng	2240210	3	9.892	2178280	20.0
Tridecane, 5-pr...	10.816	46.7	ng	4562260	4	11.386	1953960	20.0
Tridecane, 1-iodo-	11.286	24.9	ng	2436200	4	11.386	1953960	20.0
28-Nor-17.beta....	16.674	14.8	ng	815687	6	15.515	1099670	20.0