

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131891.D
 Acq On : 29 Dec 2022 22:02
 Operator : CG\JU
 Sample : N6224-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-3-122822

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-BF122422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	493	499	511	rVB	486434	605666	41.88%	2.313%
2	5.434	564	569	572	rBV	1587833	1446062	100.00%	5.521%
3	6.457	738	743	746	rBV	1500030	1426784	98.67%	5.448%
4	6.645	771	775	778	rBV2	113809	105976	7.33%	0.405%
5	6.816	801	804	808	rVV	411472	365087	25.25%	1.394%
6	7.139	857	859	865	rVB2	44512	63447	4.39%	0.242%
7	7.210	865	871	874	rBV3	45662	63946	4.42%	0.244%
8	7.357	890	896	897	rBV	56826	64449	4.46%	0.246%
9	7.386	897	901	904	rVV	975913	920080	63.63%	3.513%
10	7.410	904	905	909	rVB	226208	164873	11.40%	0.630%
11	7.463	909	914	917	rBV5	49744	66687	4.61%	0.255%
12	7.622	938	941	944	rVB2	66033	75321	5.21%	0.288%
13	7.722	951	958	960	rBV4	51408	84287	5.83%	0.322%
14	7.781	966	968	971	rVB2	63579	76595	5.30%	0.292%
15	7.822	971	975	977	rBV3	57522	68232	4.72%	0.261%
16	7.845	977	979	982	rVV3	102247	129373	8.95%	0.494%
17	8.086	1016	1020	1022	rBV	409801	353462	24.44%	1.350%
18	8.110	1022	1024	1026	rVV	494572	356014	24.62%	1.359%
19	8.163	1029	1033	1036	rVB2	150188	163830	11.33%	0.626%
20	8.192	1036	1038	1041	rBV2	53782	56652	3.92%	0.216%
21	8.304	1055	1057	1060	rVB	88369	75530	5.22%	0.288%
22	8.398	1068	1073	1077	rBV5	117987	160717	11.11%	0.614%
23	8.457	1079	1083	1085	rVB3	63029	71100	4.92%	0.271%
24	8.481	1085	1087	1091	rBV3	82284	101223	7.00%	0.386%
25	8.522	1091	1094	1097	rBV3	138739	132577	9.17%	0.506%
26	8.616	1106	1110	1112	rBV	159945	150579	10.41%	0.575%
27	8.698	1121	1124	1127	rBV	562364	428322	29.62%	1.635%
28	8.792	1138	1140	1143	rVB3	63949	69696	4.82%	0.266%
29	8.822	1143	1145	1149	rVB	71863	59447	4.11%	0.227%
30	8.933	1161	1164	1166	rBV3	137359	115153	7.96%	0.440%
31	8.980	1169	1172	1176	rBV5	71876	92542	6.40%	0.353%
32	9.063	1182	1186	1190	rBV5	110251	138777	9.60%	0.530%
33	9.104	1190	1193	1195	rBV2	72723	57646	3.99%	0.220%
34	9.128	1195	1197	1199	rVV	172603	122673	8.48%	0.468%
35	9.192	1204	1208	1211	rVB	1631529	1420420	98.23%	5.423%
36	9.263	1216	1220	1223	rBV	586771	506636	35.04%	1.934%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131891.D
 Acq On : 29 Dec 2022 22:02
 Operator : CG\JU
 Sample : N6224-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-3-122822

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-BF122422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.339	1230	1233	1235	rVB	110320	96460	6.67%	0.368%
38	9.457	1249	1253	1256	rVB5	47810	67399	4.66%	0.257%
39	9.504	1257	1261	1262	rBV4	51619	57714	3.99%	0.220%
40	9.522	1262	1264	1266	rVV2	104797	108845	7.53%	0.416%
41	9.545	1266	1268	1271	rVV3	82011	89930	6.22%	0.343%
42	9.586	1271	1275	1277	rVV4	209494	261366	18.07%	0.998%
43	9.610	1277	1279	1282	rVV2	103096	115817	8.01%	0.442%
44	9.645	1282	1285	1288	rVV2	120790	103982	7.19%	0.397%
45	9.733	1297	1300	1303	rBV	103519	98648	6.82%	0.377%
46	9.798	1308	1311	1314	rVV	604517	465116	32.16%	1.776%
47	9.833	1315	1317	1319	rVV2	51569	59722	4.13%	0.228%
48	9.869	1320	1323	1327	rVV	466601	432843	29.93%	1.653%
49	9.904	1327	1329	1331	rVV2	73475	59415	4.11%	0.227%
50	10.033	1346	1351	1353	rBV3	68910	107333	7.42%	0.410%
51	10.080	1356	1359	1362	rVB3	64497	88406	6.11%	0.338%
52	10.116	1362	1365	1369	rBV3	125841	156928	10.85%	0.599%
53	10.151	1369	1371	1374	rVB2	63237	61769	4.27%	0.236%
54	10.192	1374	1378	1381	rBV4	53635	93726	6.48%	0.358%
55	10.298	1393	1396	1399	rVV	559147	400477	27.69%	1.529%
56	10.422	1414	1417	1427	rVB4	56828	96288	6.66%	0.368%
57	10.516	1429	1433	1439	rVB	157820	232650	16.09%	0.888%
58	10.639	1451	1454	1455	rBV2	72851	54943	3.80%	0.210%
59	10.663	1455	1458	1461	rVB	950433	761410	52.65%	2.907%
60	10.774	1474	1477	1486	rVB	505213	566967	39.21%	2.165%
61	10.963	1507	1509	1513	rBV4	41841	56441	3.90%	0.215%
62	10.998	1513	1515	1518	rVB2	68422	54832	3.79%	0.209%
63	11.222	1550	1553	1556	rVV	389766	331362	22.91%	1.265%
64	11.251	1556	1558	1564	rVB2	157653	180126	12.46%	0.688%
65	11.363	1574	1577	1579	rBV	451908	398084	27.53%	1.520%
66	11.386	1579	1581	1588	rVV	449696	446000	30.84%	1.703%
67	11.439	1588	1590	1592	rVV	142000	99232	6.86%	0.379%
68	11.598	1614	1617	1623	rVB2	93675	87455	6.05%	0.334%
69	11.651	1623	1626	1629	rBV	325622	254681	17.61%	0.972%
70	11.757	1640	1644	1646	rBV	241592	205826	14.23%	0.786%
71	11.869	1660	1663	1665	rVV	58656	64281	4.45%	0.245%
72	11.892	1665	1667	1672	rVV	180343	187761	12.98%	0.717%
73	11.980	1679	1682	1684	rVV2	123341	136553	9.44%	0.521%
74	12.063	1692	1696	1700	rVV	250176	225444	15.59%	0.861%
75	12.192	1716	1718	1720	rBV	82830	57604	3.98%	0.220%
76	12.416	1753	1756	1758	rBV2	72154	81975	5.67%	0.313%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131891.D
 Acq On : 29 Dec 2022 22:02
 Operator : CG\JU
 Sample : N6224-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-3-122822

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-BF122422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.445	1758	1761	1763	rVV2	871728	851377	58.88%	3.251%
78	12.468	1763	1765	1770	rVV	533342	494790	34.22%	1.889%
79	12.551	1776	1779	1781	rBV	105513	89023	6.16%	0.340%
80	12.586	1781	1785	1788	rBV	1030659	839206	58.03%	3.204%
81	12.816	1818	1824	1830	rBV	904469	1021032	70.61%	3.898%
82	12.957	1842	1848	1855	rBV	1443335	1384523	95.74%	5.286%
83	13.033	1857	1861	1865	rBV2	71141	121246	8.38%	0.463%
84	13.116	1873	1875	1877	rBV2	65237	72819	5.04%	0.278%
85	13.145	1877	1880	1883	rVB	118615	116950	8.09%	0.447%
86	13.180	1883	1886	1889	rBV	117264	117427	8.12%	0.448%
87	13.210	1889	1891	1894	rVB	87266	67594	4.67%	0.258%
88	13.245	1894	1897	1900	rBV2	87365	96564	6.68%	0.369%
89	13.374	1916	1919	1922	rBV	54435	63506	4.39%	0.242%
90	13.527	1942	1945	1948	rBV	94309	100662	6.96%	0.384%
91	13.657	1964	1967	1971	rVB	77549	68840	4.76%	0.263%
92	13.768	1983	1986	1988	rBV2	74876	74824	5.17%	0.286%
93	13.863	1998	2002	2007	rVB3	175916	232009	16.04%	0.886%
94	14.015	2024	2028	2031	rBV2	489922	702085	48.55%	2.681%
95	14.045	2031	2033	2040	rVB	422155	363282	25.12%	1.387%
96	14.115	2042	2045	2049	rVB2	241414	249637	17.26%	0.953%
97	15.068	2204	2207	2210	rBV	289459	402569	27.84%	1.537%
98	15.380	2257	2260	2265	rVB	183376	231543	16.01%	0.884%
99	15.439	2267	2270	2277	rVB	254277	330426	22.85%	1.262%
100	15.504	2278	2281	2284	rBV2	193761	233141	16.12%	0.890%

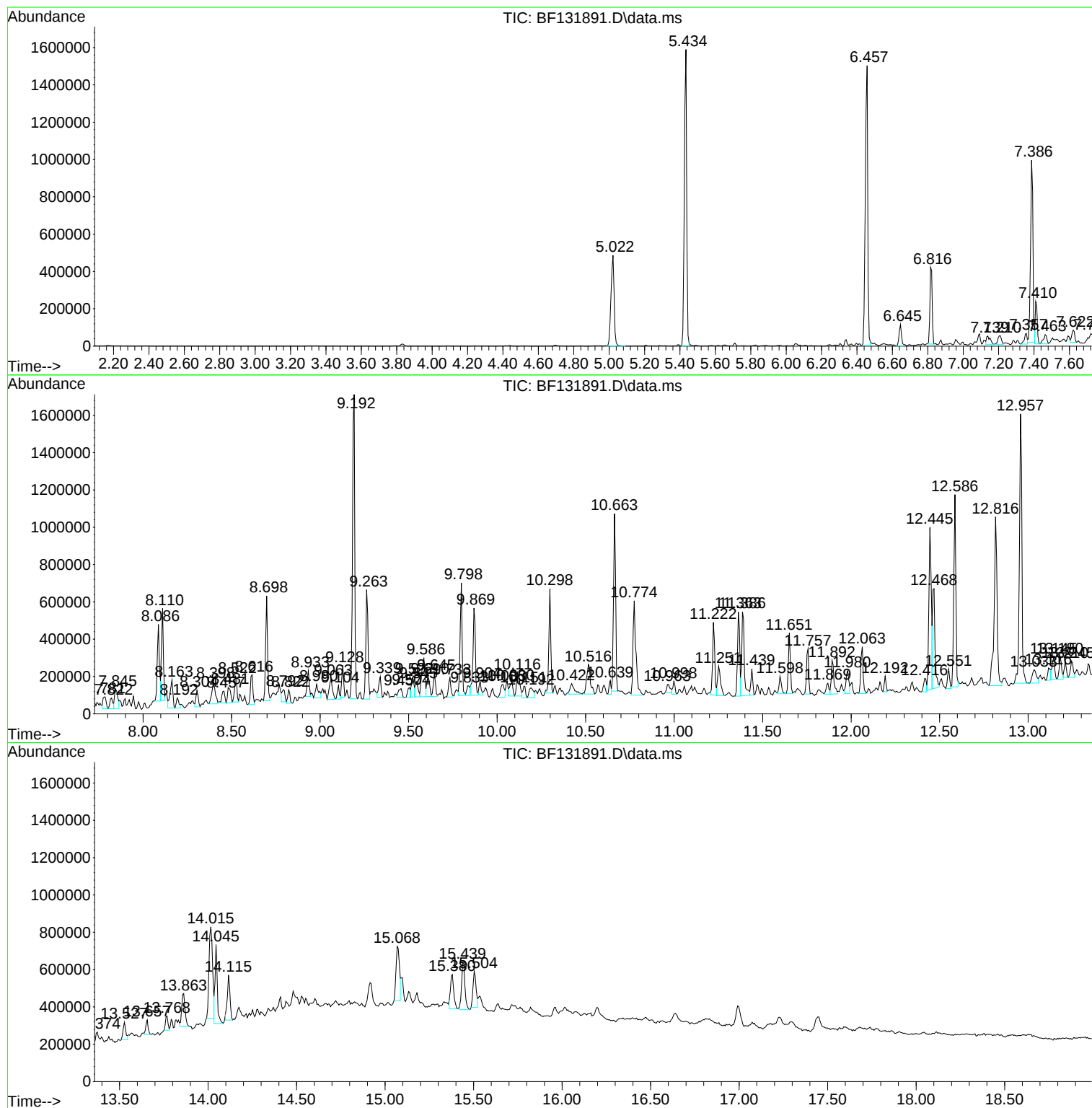
Sum of corrected areas: 26190747

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

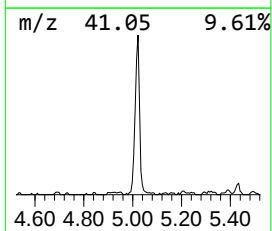
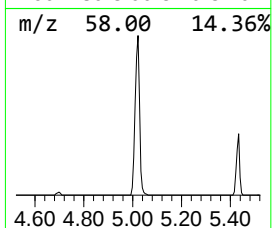
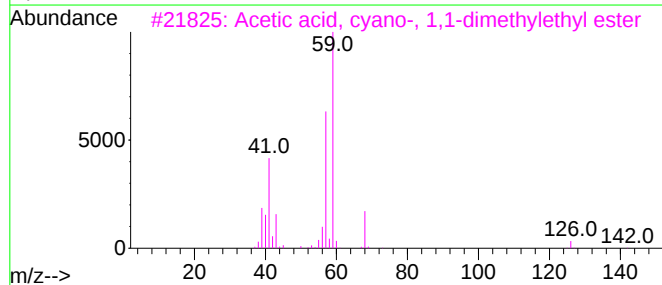
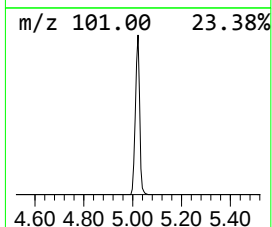
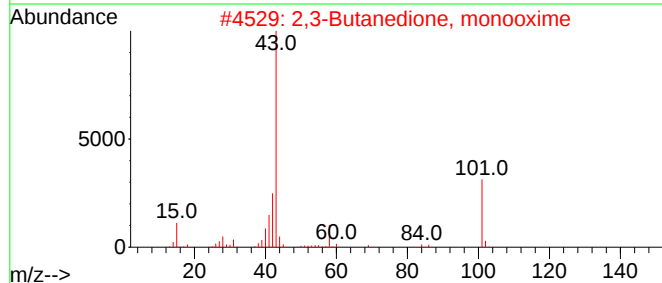
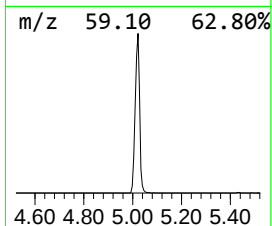
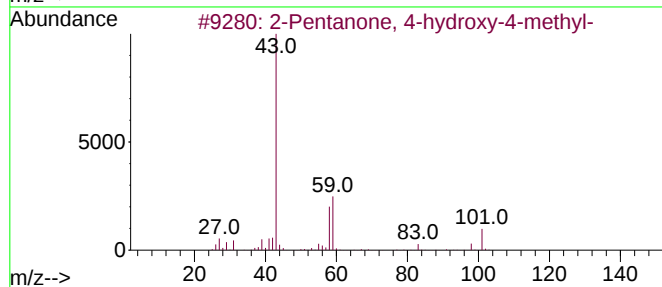
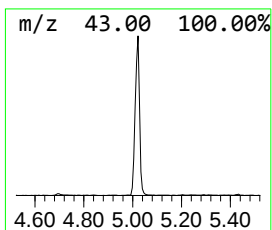
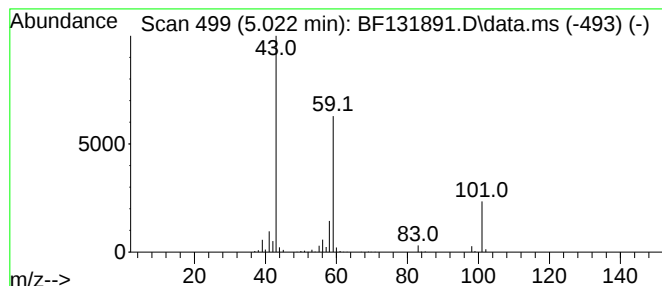
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	33.18 ng	605666	1,4-Dichlorobenzene-d4	6.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

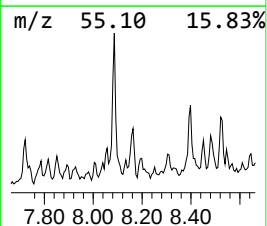
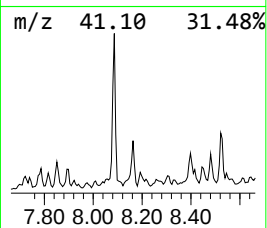
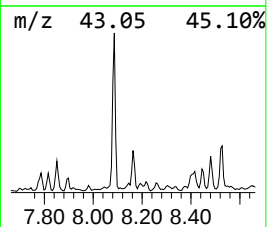
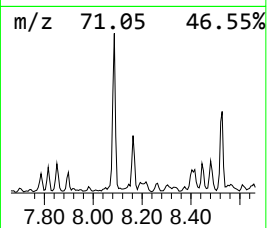
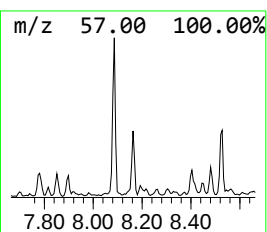
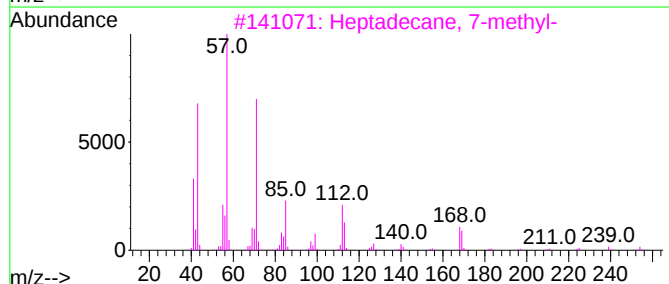
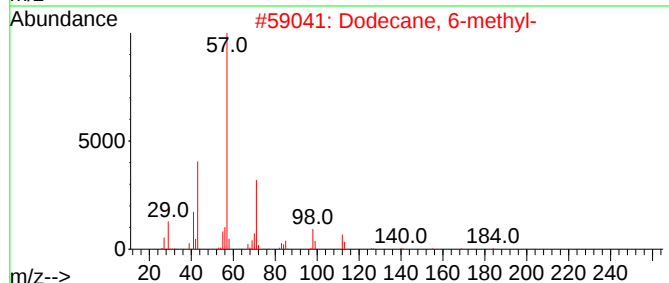
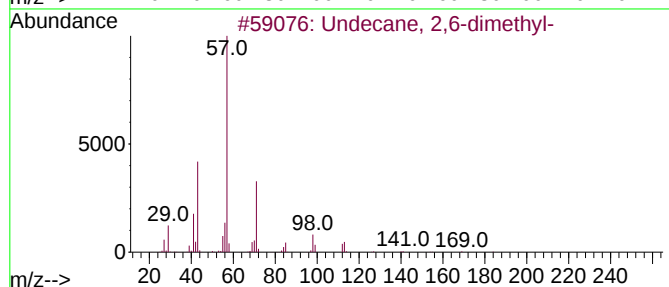
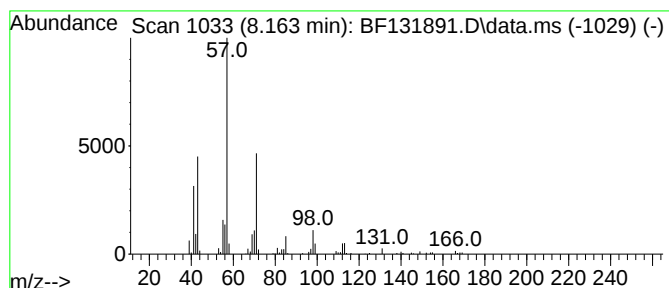
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	9.20 ng	163830	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

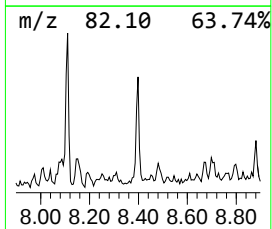
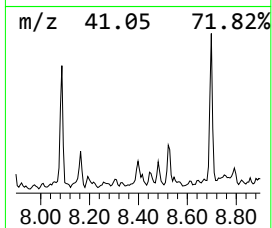
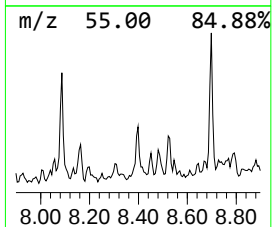
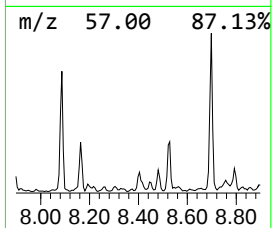
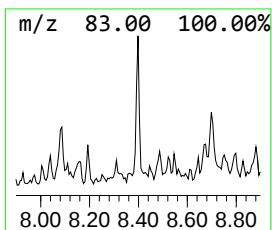
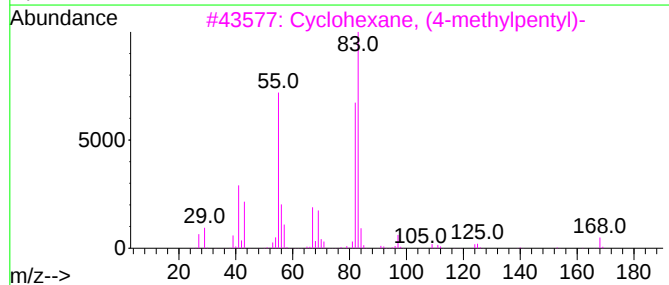
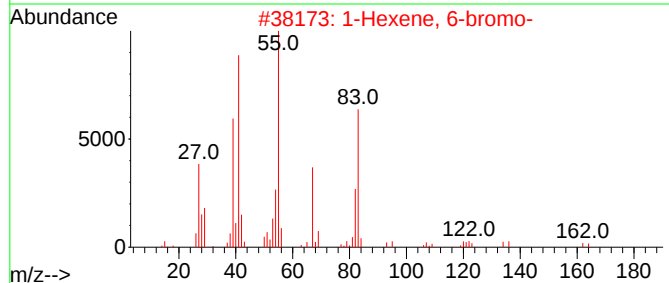
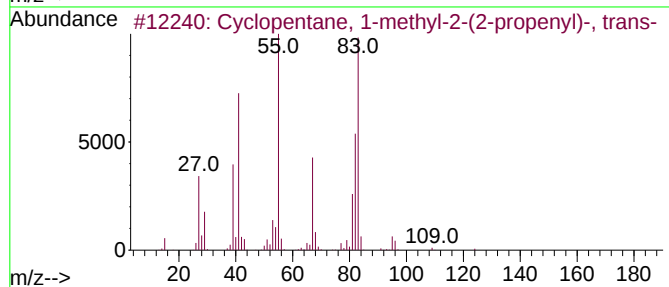
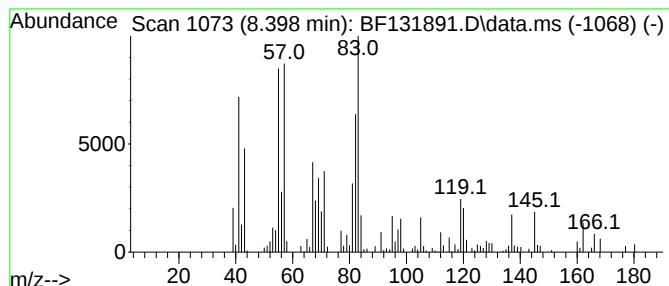
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, 1-methyl-2-(2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	9.03 ng	160717	Naphthalene-d8	8.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
2		1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	50
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

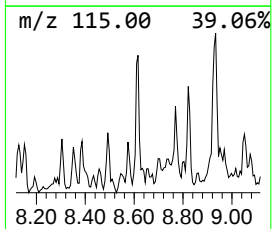
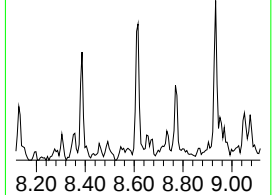
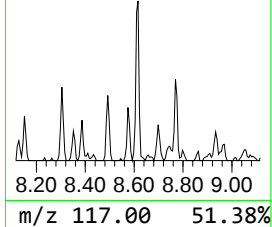
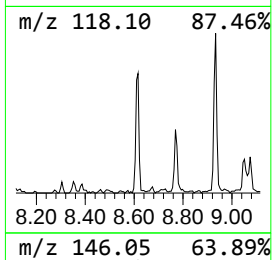
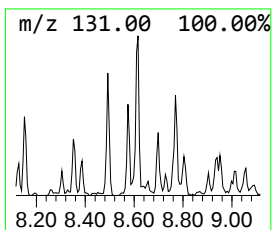
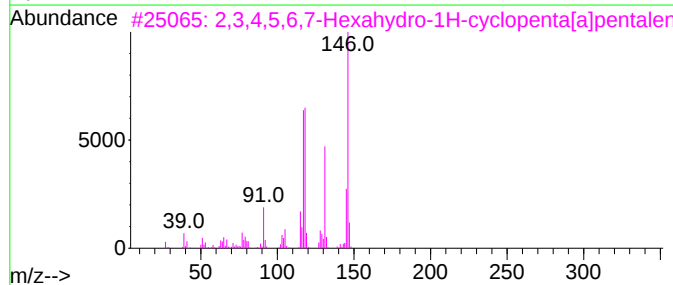
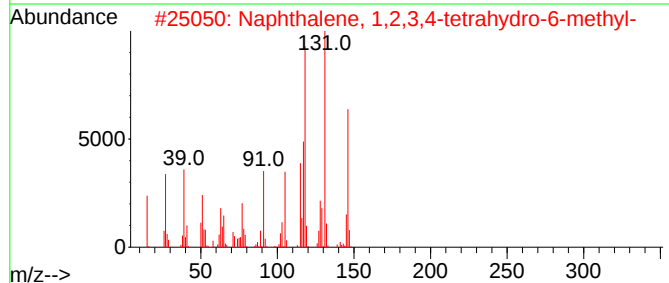
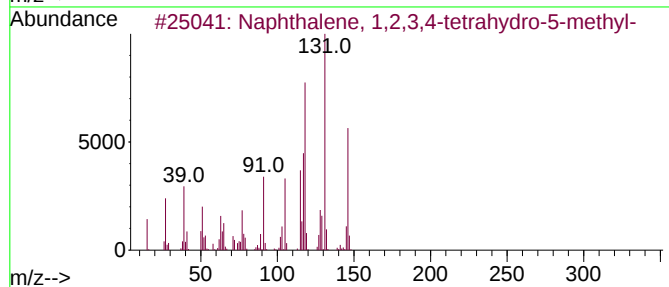
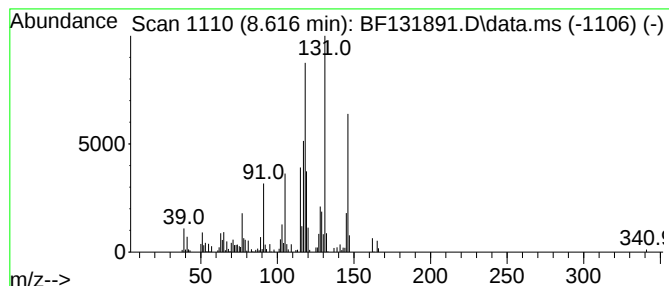
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.616	8.46 ng	150579	Naphthalene-d8	8.110	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	81
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

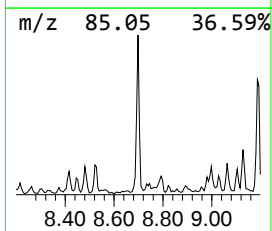
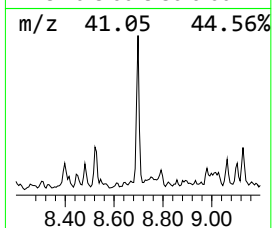
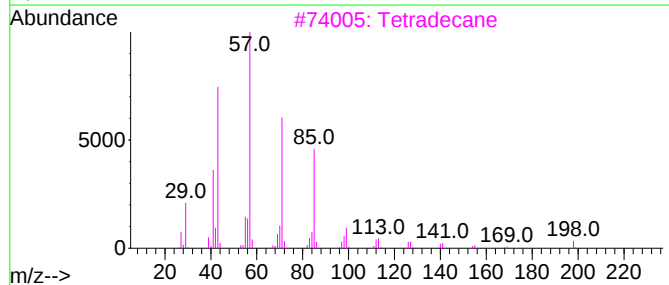
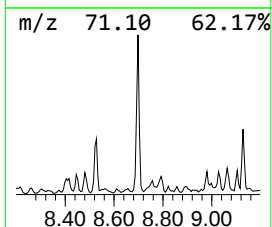
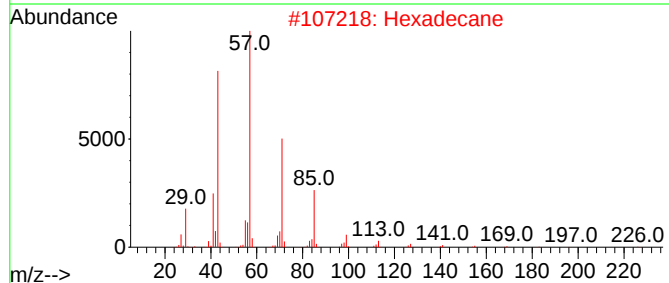
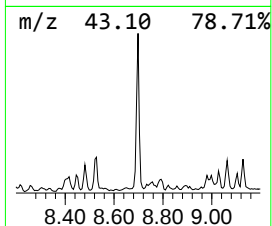
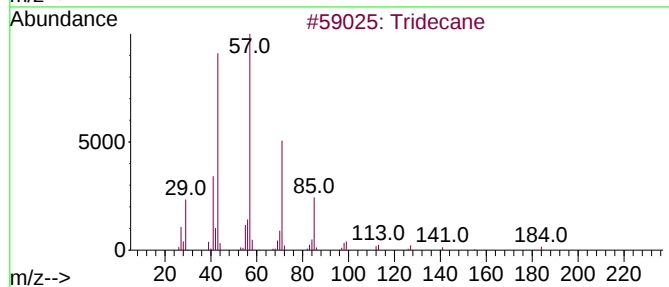
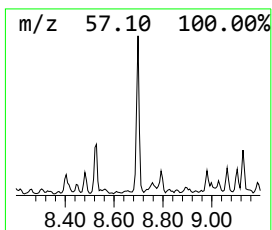
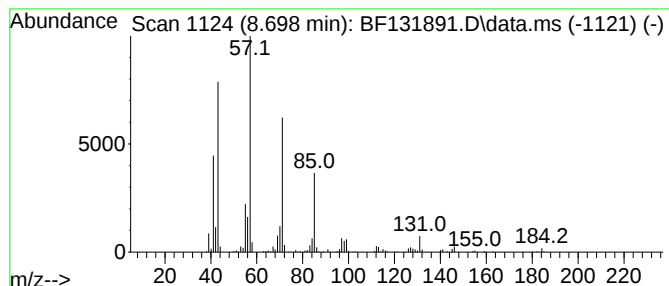
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	24.06 ng	428322	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

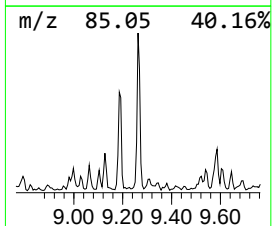
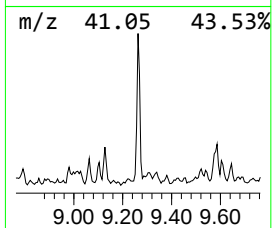
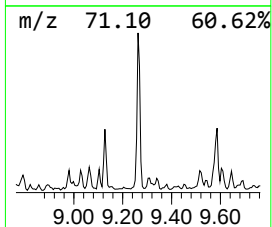
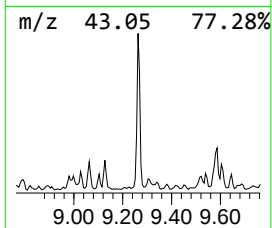
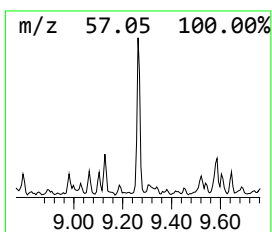
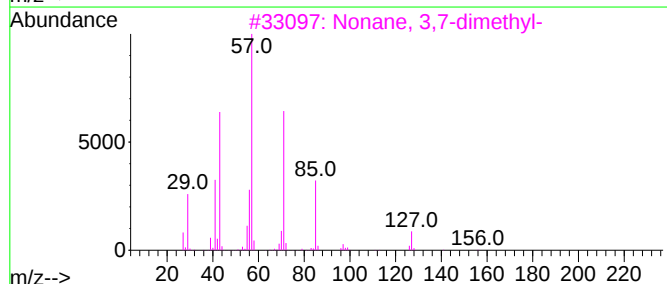
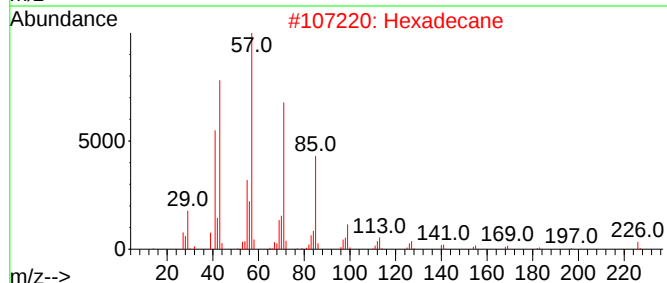
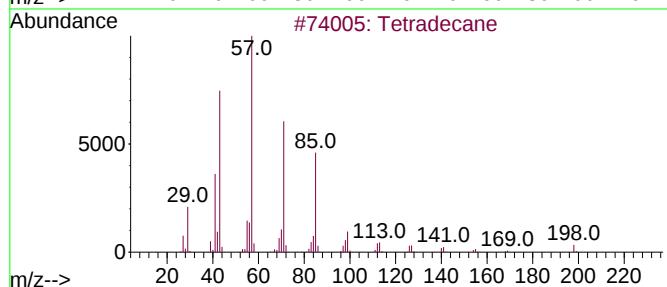
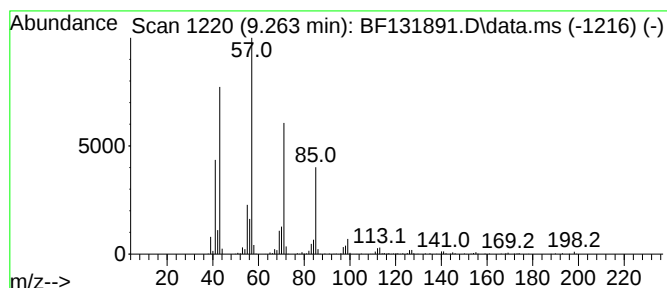
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	23.41 ng	506636	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

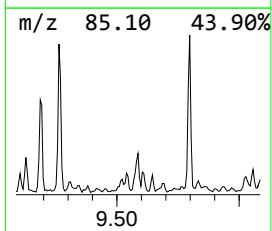
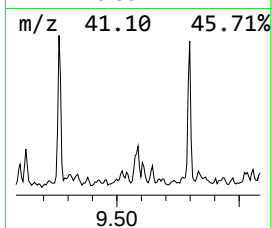
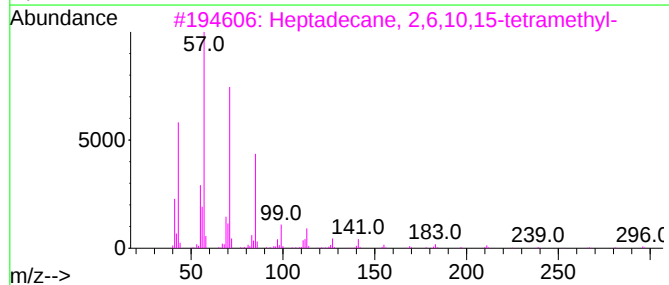
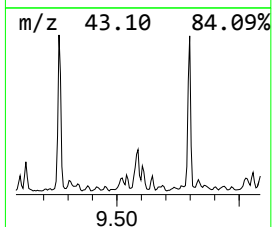
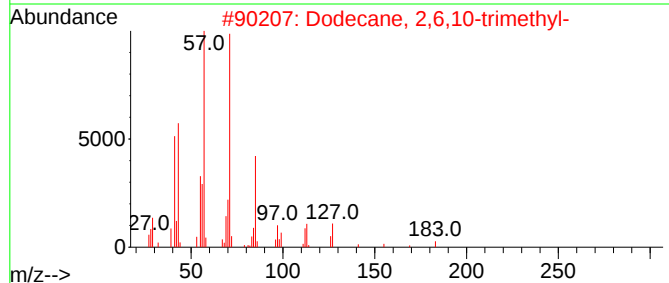
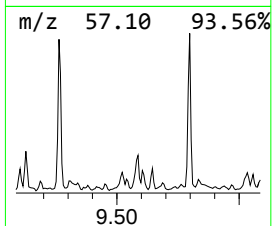
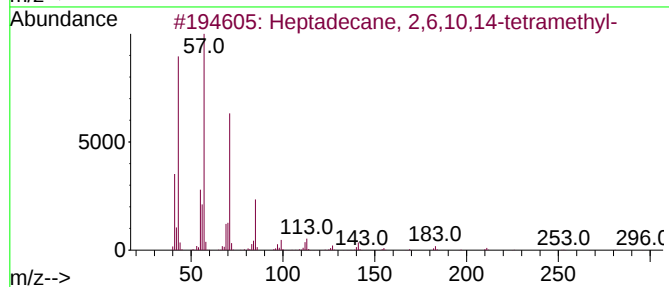
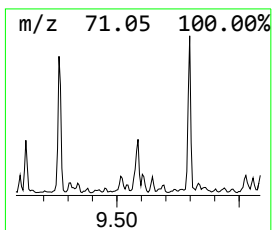
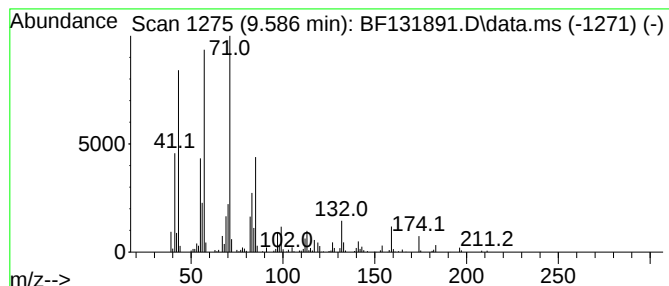
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.586	12.08 ng	261366	Acenaphthene-d10		9.869	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-		296	C21H44	018344-37-1	72
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	72
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	58
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	52
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

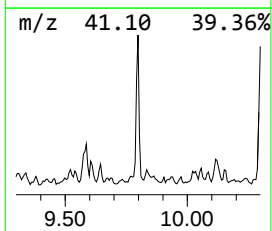
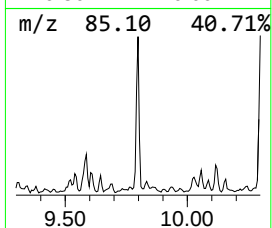
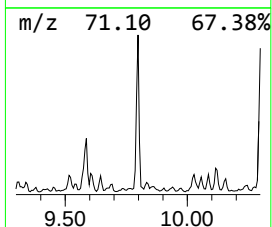
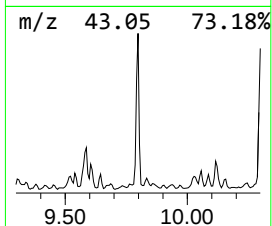
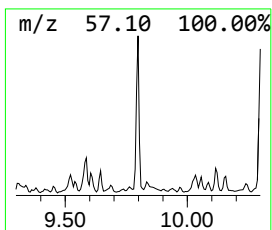
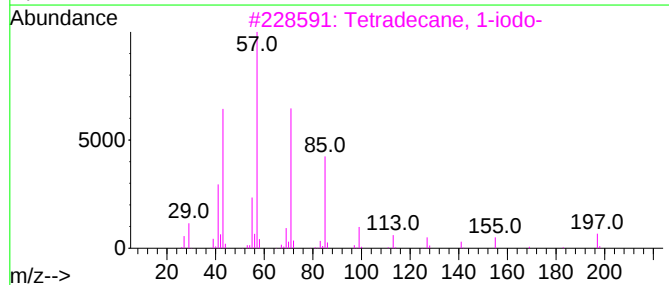
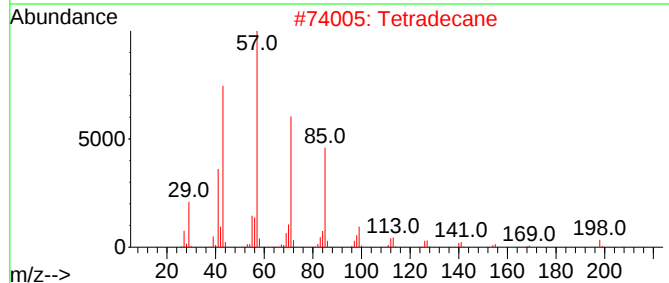
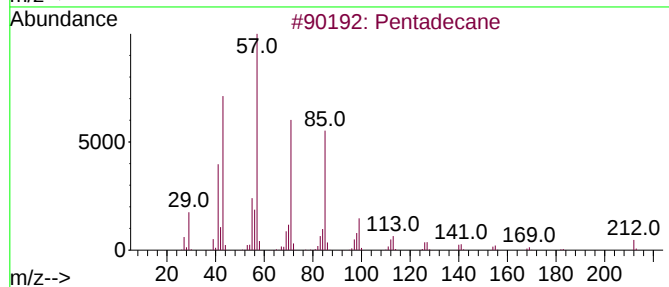
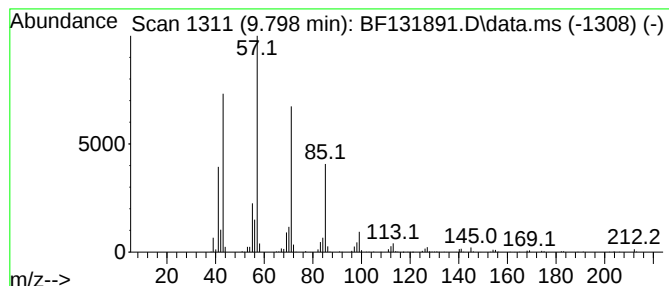
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	21.49 ng	465116	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Tetradecane	198	C14H30	000629-59-4	80
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	78
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

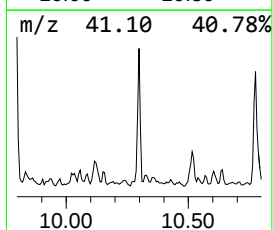
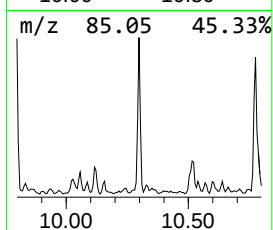
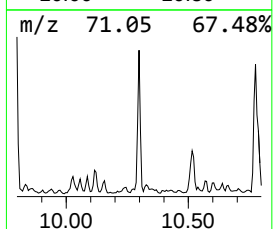
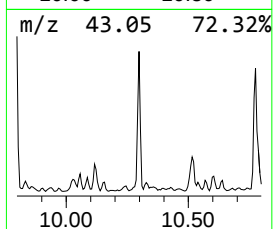
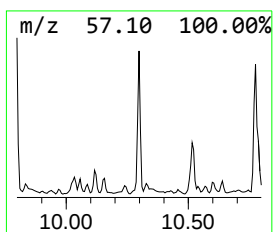
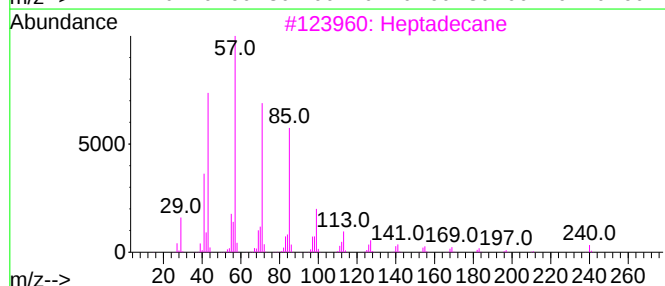
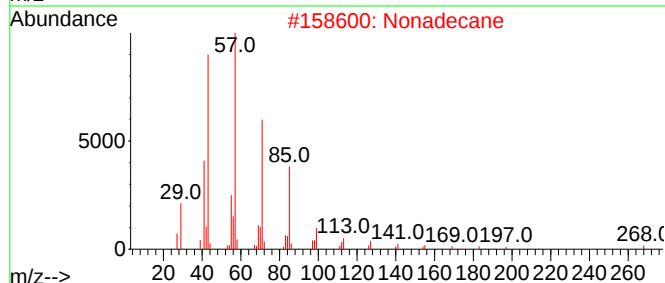
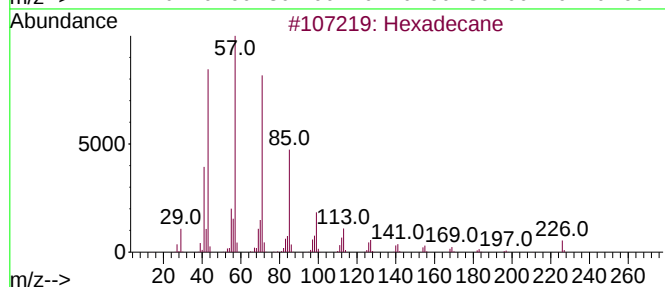
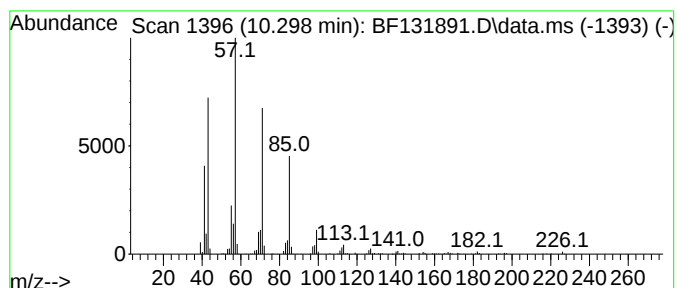
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	18.50 ng	400477	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

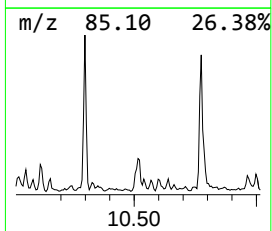
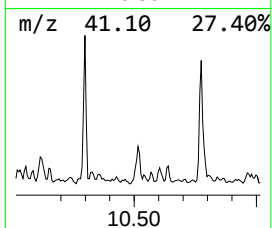
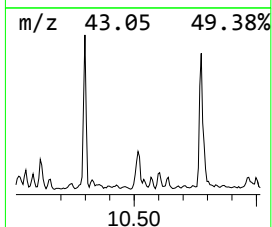
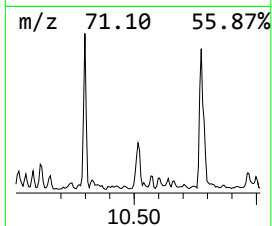
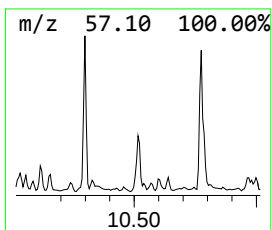
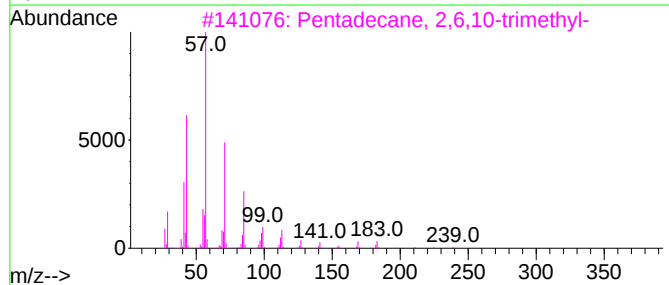
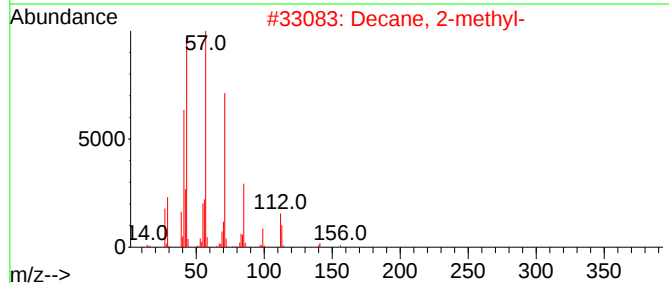
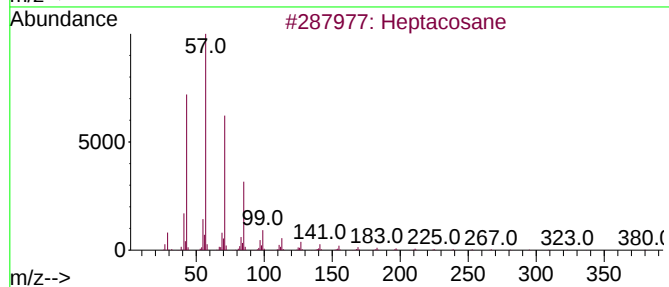
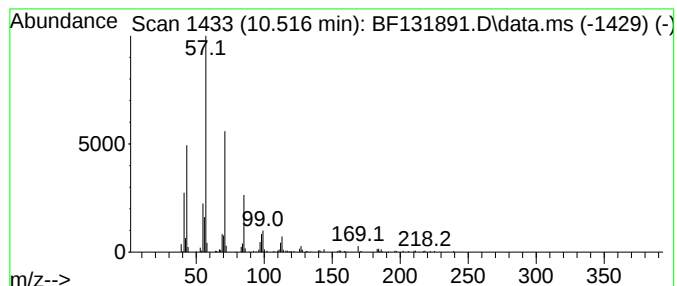
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.516	10.75 ng	232650	Acenaphthene-d10		9.869	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Decane, 2-methyl-		156	C11H24	006975-98-0	68
3	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	64
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	58
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

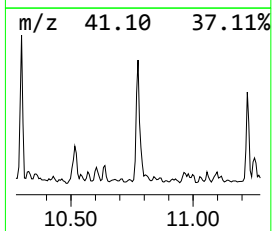
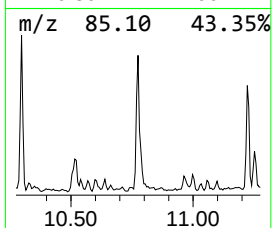
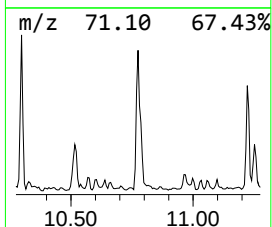
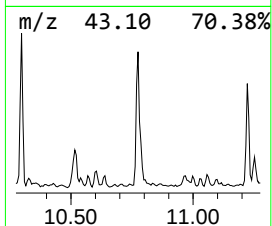
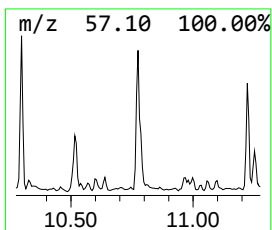
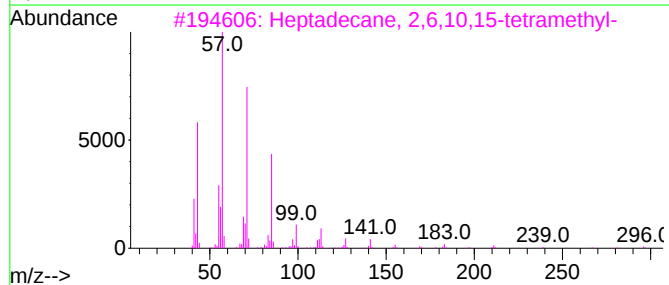
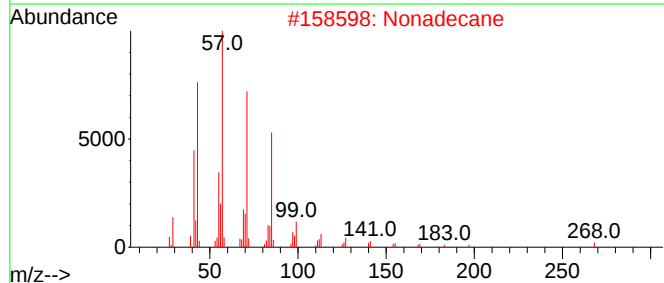
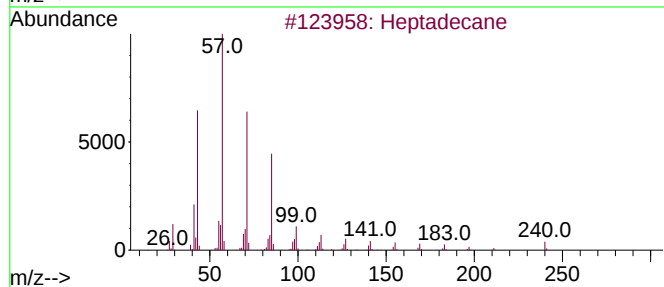
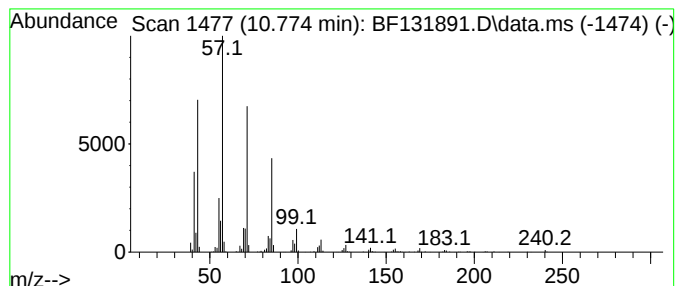
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.775	28.48 ng	566967	Phenanthrene-d10		11.363
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

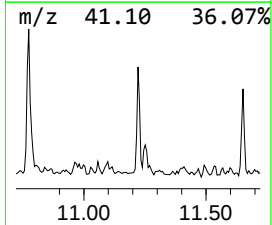
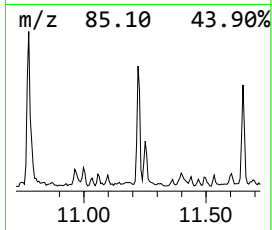
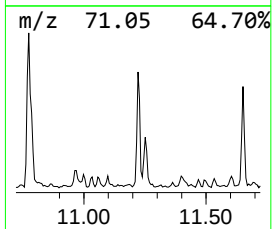
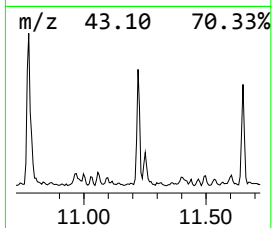
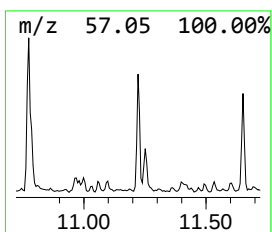
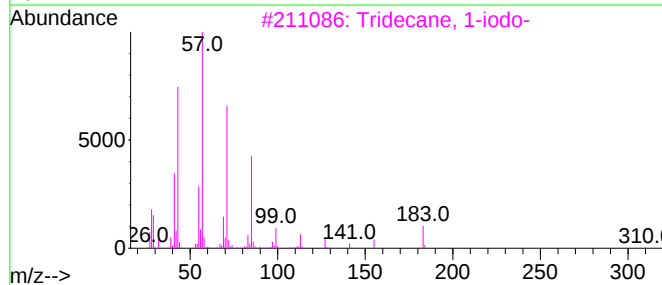
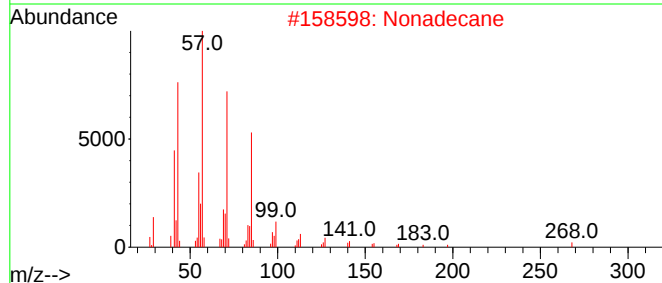
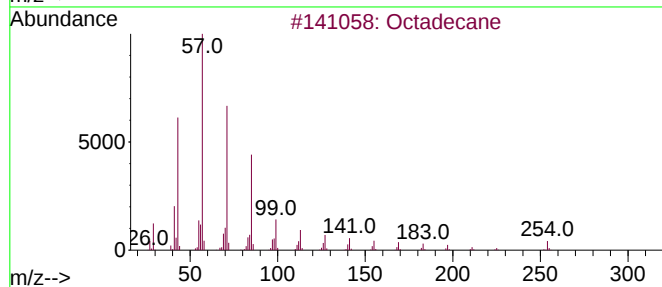
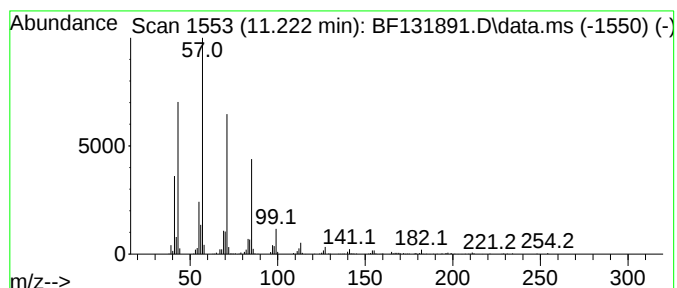
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.222	16.65 ng	331362	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Nonadecane		268	C19H40	000629-92-5	87
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
4	Hexadecane		226	C16H34	000544-76-3	83
5	Heptadecane		240	C17H36	000629-78-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

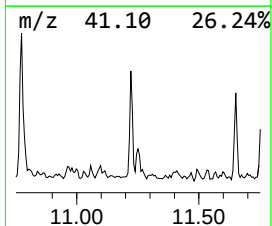
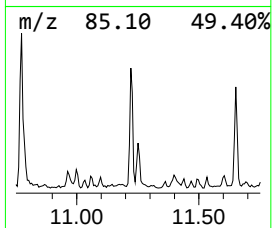
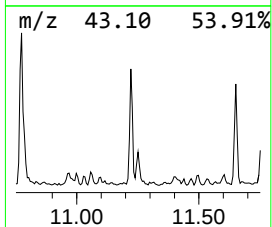
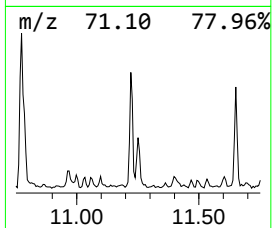
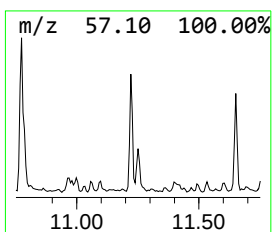
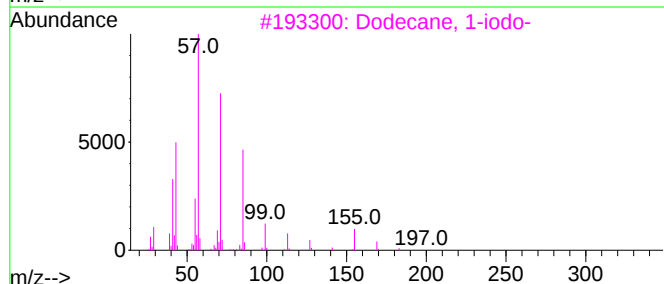
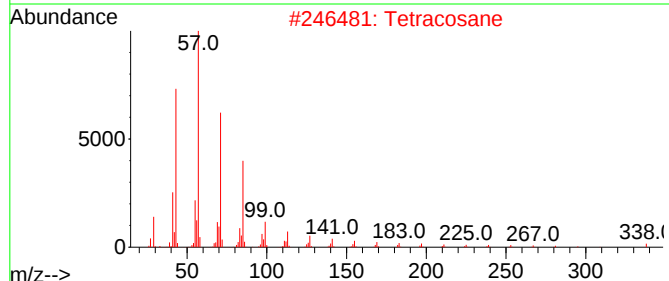
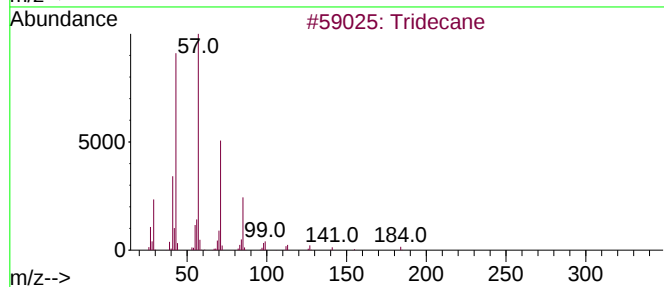
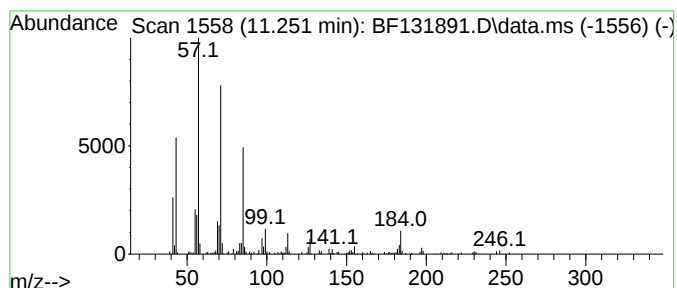
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	9.05 ng	180126	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tetracosane	338	C24H50	000646-31-1	80
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5			Pentacosane	352	C25H52	000629-99-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

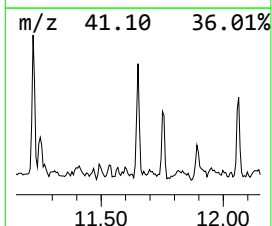
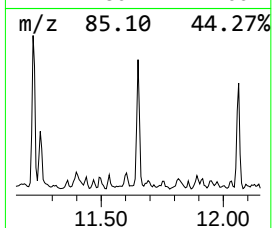
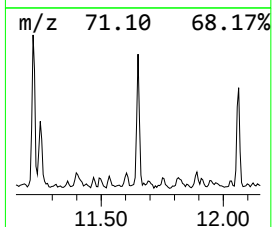
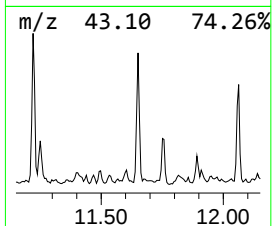
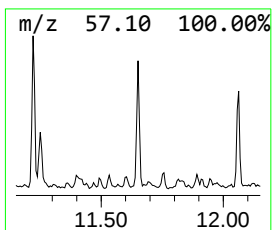
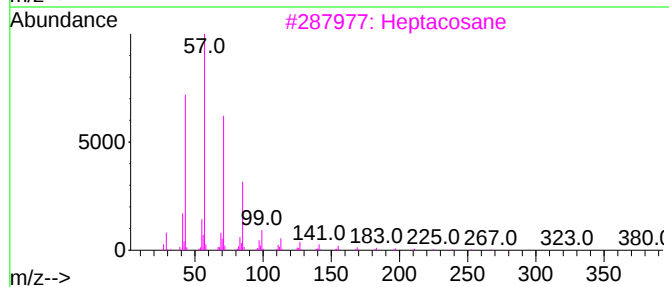
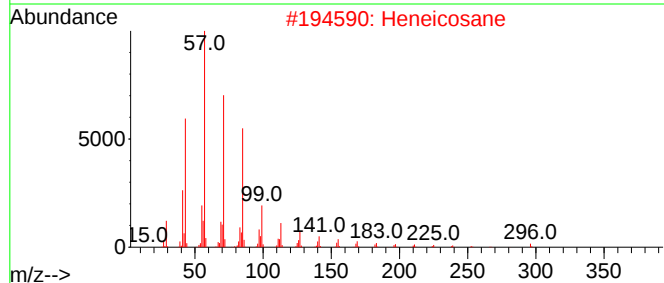
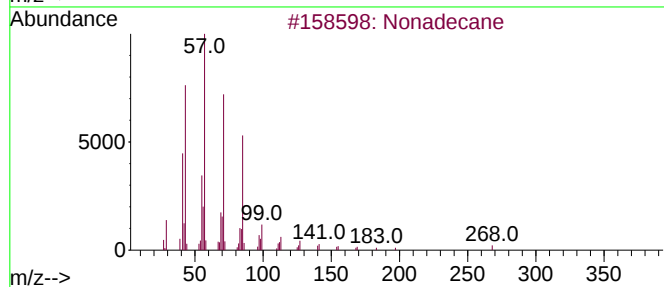
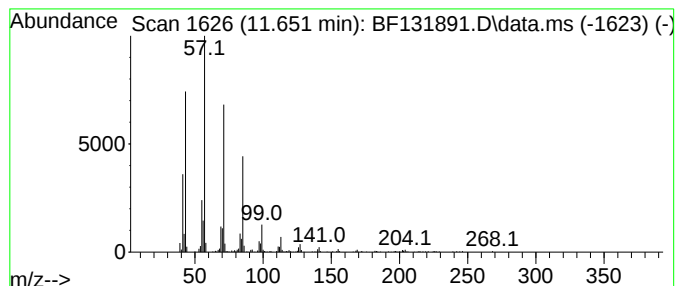
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	12.80 ng	254681	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Dodecane	170	C12H26	000112-40-3	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

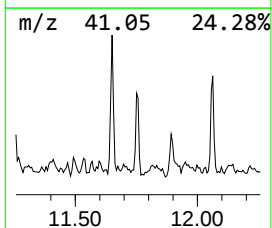
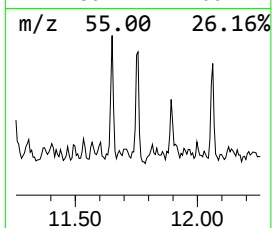
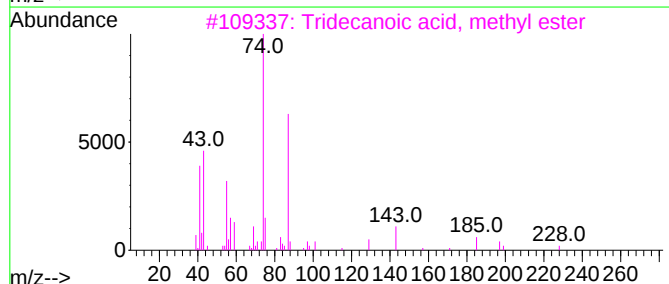
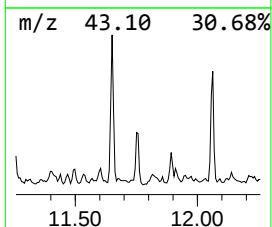
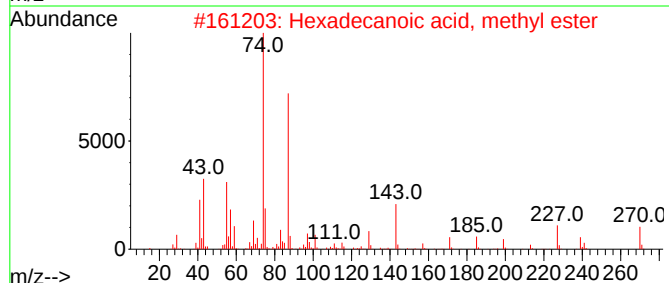
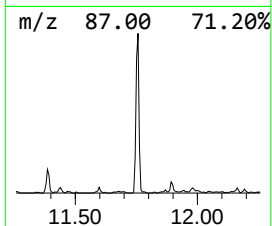
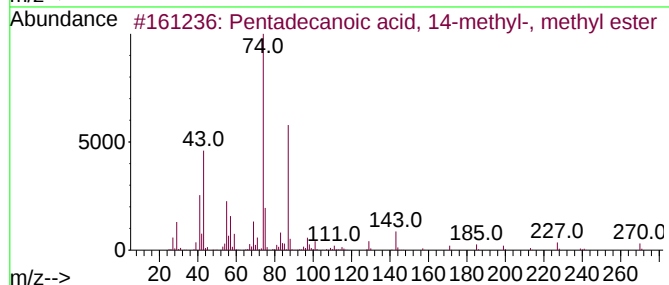
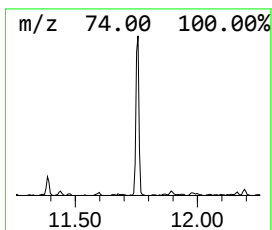
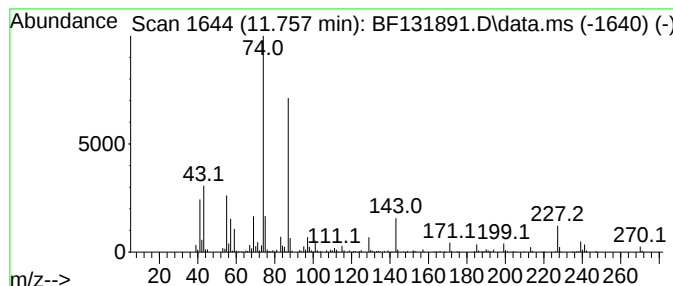
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pentadecanoic acid, 14-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	10.34 ng	205826	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

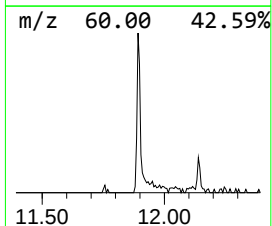
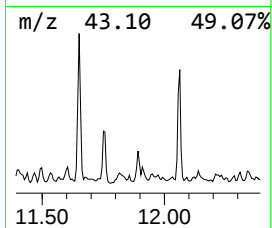
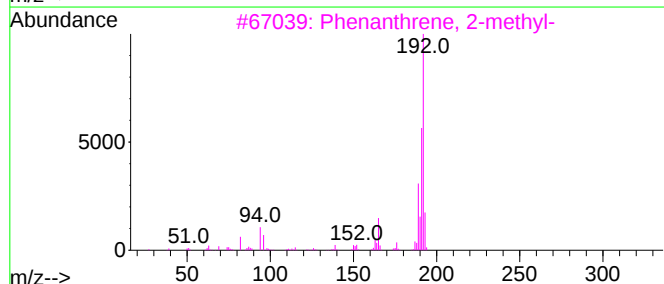
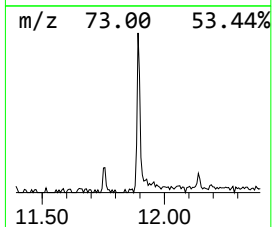
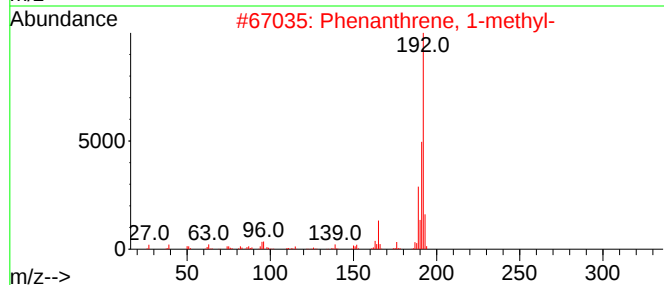
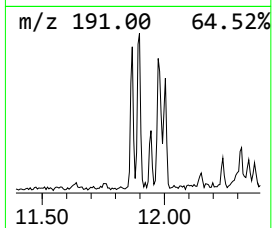
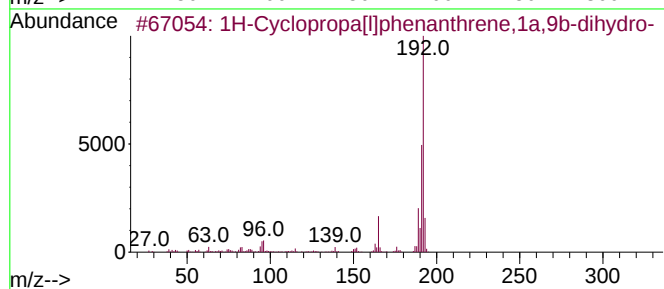
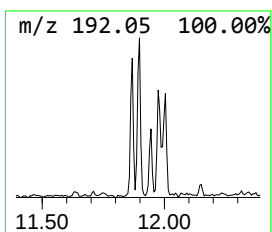
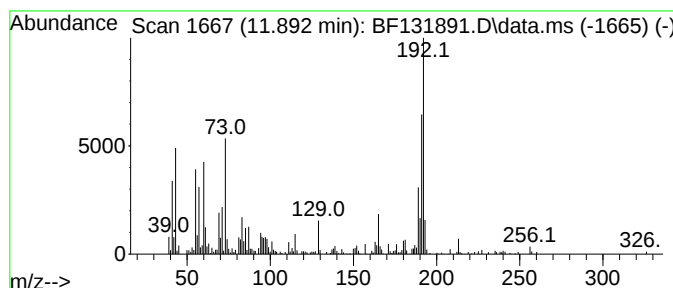
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.892	9.43 ng	187761	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	92
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

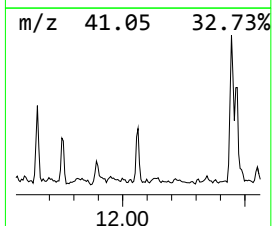
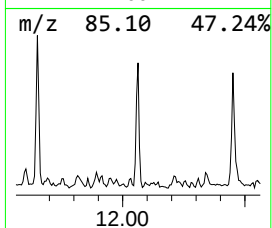
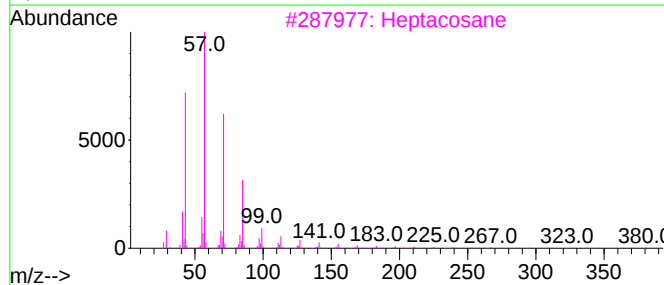
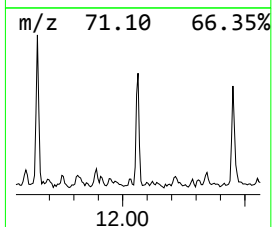
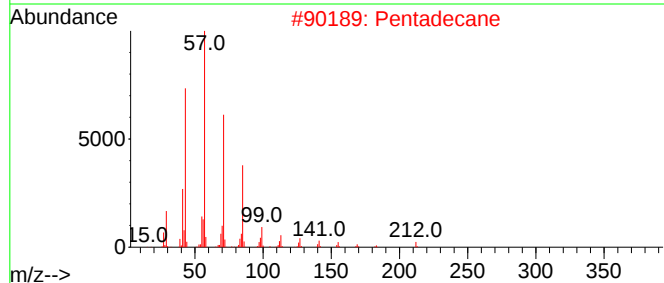
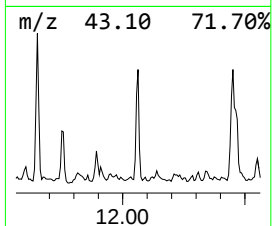
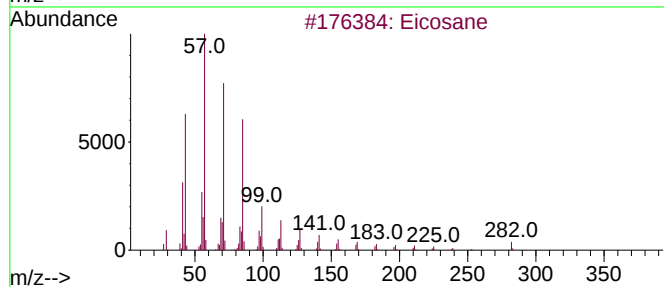
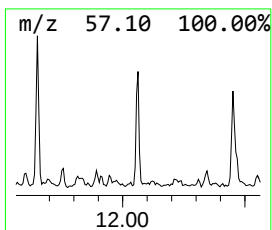
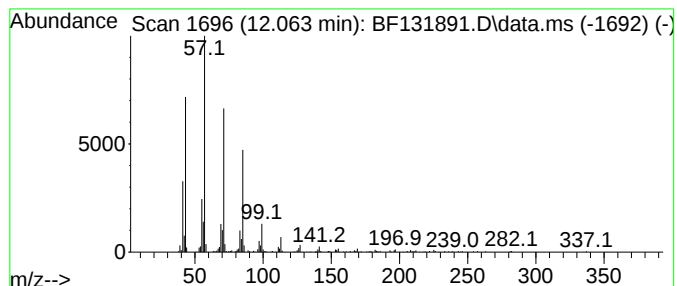
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	11.33 ng	225444	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Pentadecane	212	C15H32	000629-62-9	86
3			Heptacosane	380	C27H56	000593-49-7	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Nonadecane	268	C19H40	000629-92-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

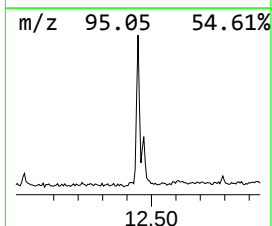
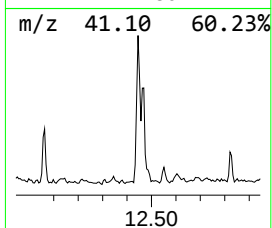
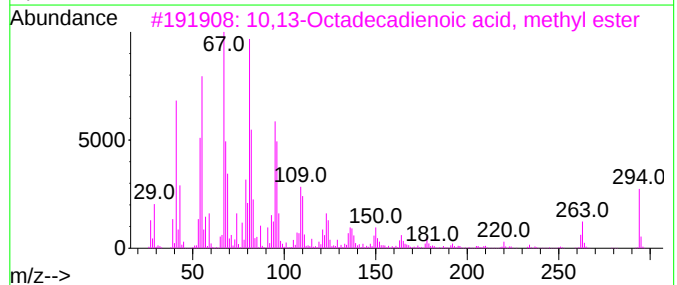
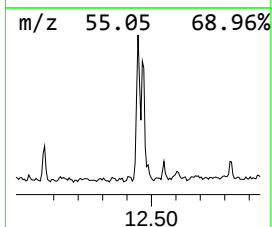
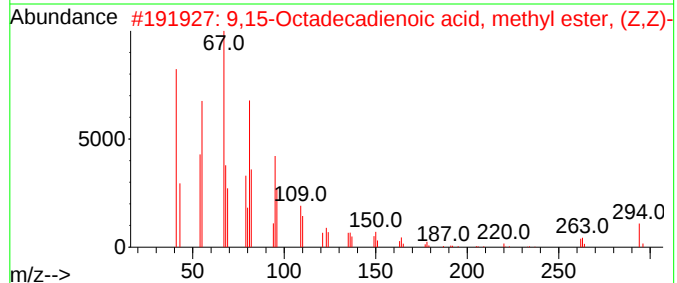
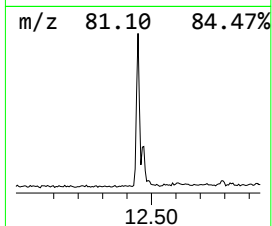
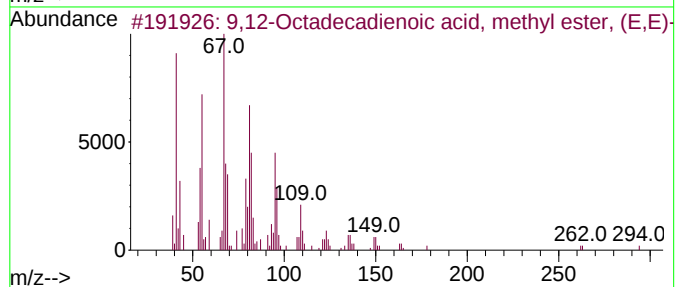
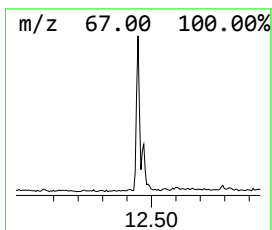
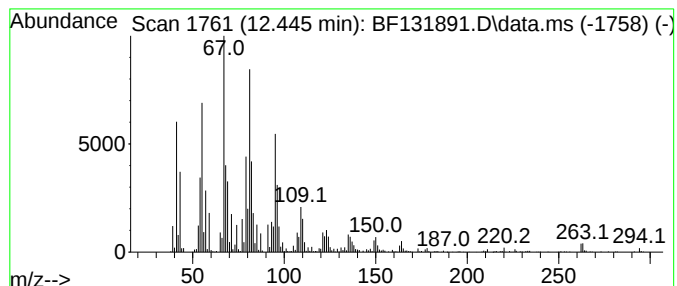
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	42.77 ng	851377	Phenanthrene-d10	11.363
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
3		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 98
4		Methyl 10-trans,12-cis-octadecad...	294 C19H34O2	1000336-44-2 98
5		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

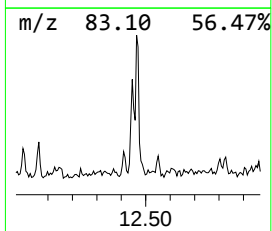
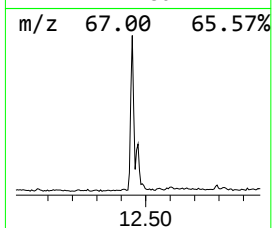
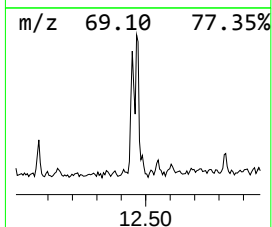
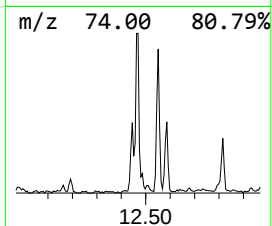
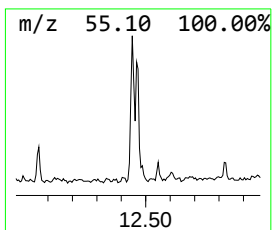
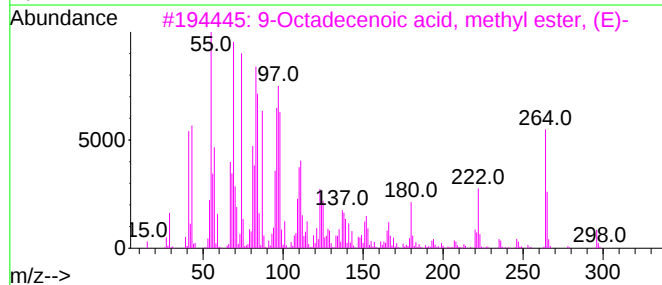
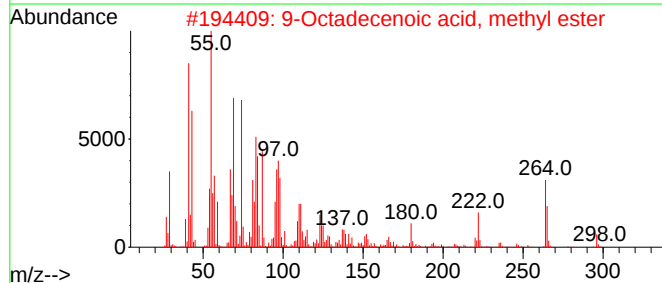
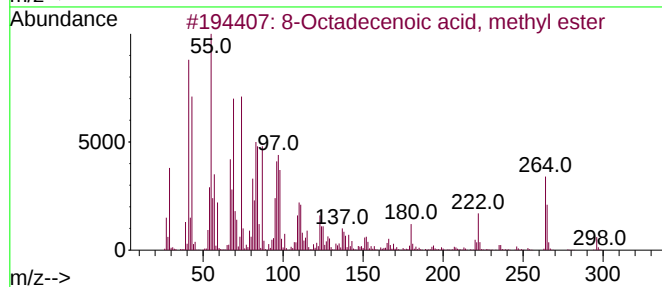
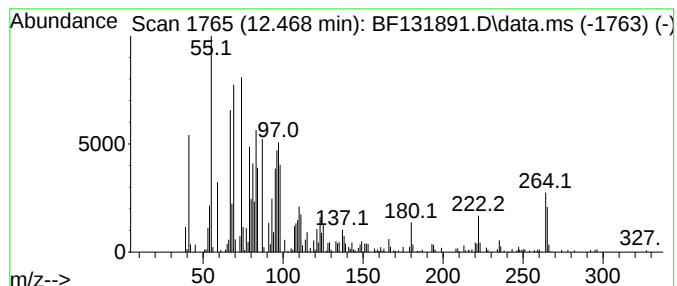
Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 8-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.469	24.86 ng	494790	Phenanthrene-d10	11.363		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	89
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	86
3		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	83
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

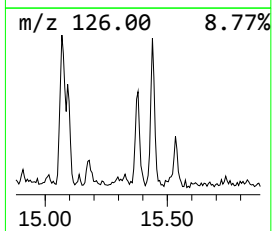
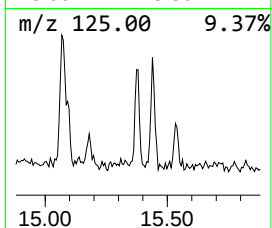
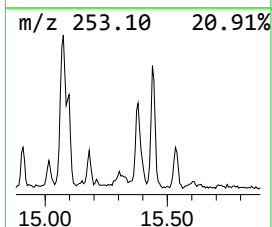
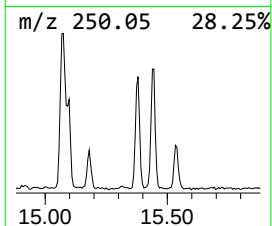
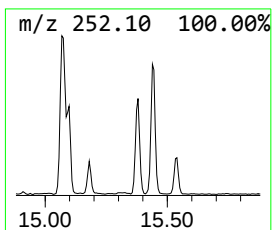
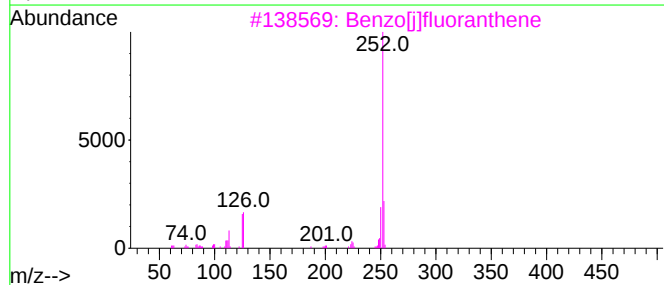
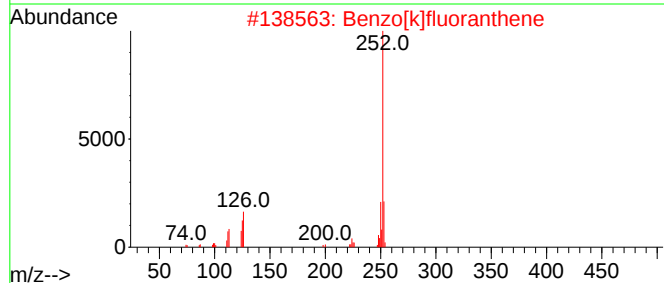
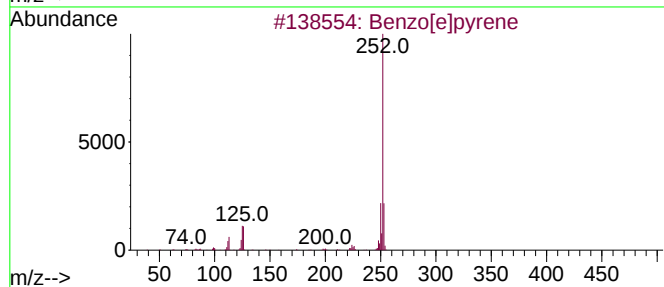
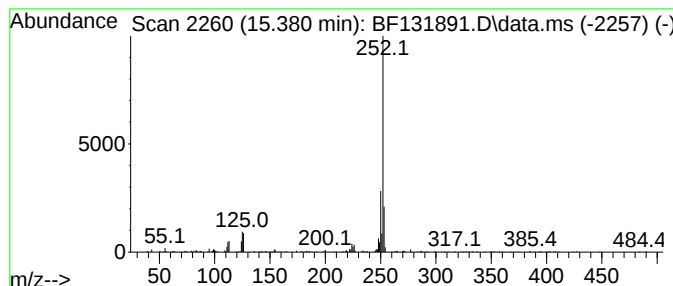
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	19.86 ng	231543	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.022	33.2	ng	605666	1	6.816	365087	20.0
Undecane, 2,6-d...	8.163	9.2	ng	163830	2	8.110	356014	20.0
Cyclopentane, 1...	8.398	9.0	ng	160717	2	8.110	356014	20.0
Naphthalene, 1...	8.616	8.5	ng	150579	2	8.110	356014	20.0
Tridecane	8.698	24.1	ng	428322	2	8.110	356014	20.0
Tetradecane	9.263	23.4	ng	506636	3	9.869	432843	20.0
Heptadecane, 2...	9.586	12.1	ng	261366	3	9.869	432843	20.0
Pentadecane	9.798	21.5	ng	465116	3	9.869	432843	20.0
Hexadecane	10.298	18.5	ng	400477	3	9.869	432843	20.0
Heptacosane	10.516	10.8	ng	232650	3	9.869	432843	20.0
Heptadecane	10.775	28.5	ng	566967	4	11.363	398084	20.0
Octadecane	11.222	16.6	ng	331362	4	11.363	398084	20.0
Tetracosane	11.251	9.1	ng	180126	4	11.363	398084	20.0
Nonadecane	11.651	12.8	ng	254681	4	11.363	398084	20.0
Pentadecanoic a...	11.757	10.3	ng	205826	4	11.363	398084	20.0
1H-Cyclopropa[1...	11.892	9.4	ng	187761	4	11.363	398084	20.0
Eicosane	12.063	11.3	ng	225444	4	11.363	398084	20.0
9,12-Octadecadi...	12.445	42.8	ng	851377	4	11.363	398084	20.0
8-Octadecenoic ...	12.469	24.9	ng	494790	4	11.363	398084	20.0
Benzo[e]pyrene	15.380	19.9	ng	231543	6	15.504	233141	20.0