

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091520\
 Data File : BF121585.D
 Acq On : 15 Sep 2020 19:03
 Operator : JU/CG
 Sample : L4005-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22-31

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF091020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	568	572	582	rBV	1626024	1481579	61.76%	2.154%
2	6.369	724	728	734	rBV2	275994	385767	16.08%	0.561%
3	6.469	741	745	749	rBV	1529239	1640840	68.40%	2.386%
4	6.581	759	764	767	rBV3	139097	291324	12.14%	0.424%
5	6.669	776	779	781	rBV2	283251	262366	10.94%	0.381%
6	6.834	803	807	814	rVB2	1611663	1860673	77.57%	2.705%
7	6.892	814	817	820	rVB2	181720	189429	7.90%	0.275%
8	6.928	820	823	825	rBV3	208084	253505	10.57%	0.369%
9	6.981	829	832	836	rVB	450792	377744	15.75%	0.549%
10	7.063	844	846	849	rBV2	260732	236048	9.84%	0.343%
11	7.110	849	854	857	rVB2	534633	664224	27.69%	0.966%
12	7.139	857	859	862	rVB2	264077	207321	8.64%	0.301%
13	7.175	862	865	868	rBV2	274115	358066	14.93%	0.521%
14	7.222	868	873	877	rBV2	434645	601448	25.07%	0.874%
15	7.257	877	879	885	rVB5	202905	288883	12.04%	0.420%
16	7.357	891	896	898	rBV2	488662	640180	26.69%	0.931%
17	7.392	899	902	904	rVB	1065463	854617	35.63%	1.243%
18	7.433	907	909	912	rVB	771221	639881	26.67%	0.930%
19	7.481	912	917	920	rVB4	560307	905443	37.75%	1.316%
20	7.545	920	928	933	rBV4	483263	1263406	52.67%	1.837%
21	7.586	933	935	938	rVB2	207516	196726	8.20%	0.286%
22	7.616	938	940	942	rBV	734158	577867	24.09%	0.840%
23	7.639	942	944	947	rVB	639622	498993	20.80%	0.725%
24	7.722	955	958	959	rBV2	250343	243093	10.13%	0.353%
25	7.739	959	961	962	rBV2	251368	190008	7.92%	0.276%
26	7.757	962	964	968	rVB3	717102	607863	25.34%	0.884%
27	7.804	968	972	974	rBV2	423635	519293	21.65%	0.755%
28	7.833	974	977	979	rBV2	491509	417563	17.41%	0.607%
29	7.869	979	983	987	rBV4	460315	615296	25.65%	0.895%
30	7.910	987	990	992	rBV3	362919	344812	14.37%	0.501%
31	7.939	992	995	1000	rVB5	425348	523742	21.83%	0.761%
32	7.998	1000	1005	1007	rBV2	476756	622672	25.96%	0.905%
33	8.022	1007	1009	1011	rBV2	281612	209497	8.73%	0.305%
34	8.057	1012	1015	1016	rBV2	295729	249607	10.41%	0.363%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.098	1020	1022	1024	rBV	1247943	1390597	57.97%	2.022%
36	8.116	1024	1025	1028	rVB	1934801	1258139	52.45%	1.829%
37	8.181	1032	1036	1038	rVB	1897476	1680653	70.06%	2.444%
38	8.210	1038	1041	1048	rVB4	576392	1004079	41.86%	1.460%
39	8.275	1048	1052	1053	rBV4	323941	416743	17.37%	0.606%
40	8.322	1057	1060	1062	rVB2	489019	442031	18.43%	0.643%
41	8.345	1062	1064	1067	rVB3	241202	211422	8.81%	0.307%
42	8.410	1070	1075	1077	rBV3	892054	1079011	44.98%	1.569%
43	8.463	1082	1084	1087	rBV3	544354	483630	20.16%	0.703%
44	8.498	1087	1090	1093	rVB3	606106	700550	29.20%	1.019%
45	8.539	1093	1097	1099	rBV	2092515	1888745	78.74%	2.746%
46	8.563	1099	1101	1102	rVB	373619	253939	10.59%	0.369%
47	8.580	1102	1104	1107	rVB3	405073	333756	13.91%	0.485%
48	8.622	1109	1111	1114	rVB3	417081	350307	14.60%	0.509%
49	8.657	1114	1117	1120	rBV4	548853	732977	30.56%	1.066%
50	8.710	1123	1126	1130	rVB	1614548	1301965	54.28%	1.893%
51	8.745	1130	1132	1134	rBV2	213149	240231	10.01%	0.349%
52	8.804	1139	1142	1145	rVB	904102	1071668	44.67%	1.558%
53	8.898	1155	1158	1161	rBV4	302695	502028	20.93%	0.730%
54	8.939	1163	1165	1168	rVV2	419444	364541	15.20%	0.530%
55	8.992	1172	1174	1178	rVV4	569887	728551	30.37%	1.059%
56	9.027	1178	1180	1184	rVV2	478064	551257	22.98%	0.801%
57	9.075	1186	1188	1191	rVB2	443152	388519	16.20%	0.565%
58	9.110	1192	1194	1196	rVV	440596	351209	14.64%	0.511%
59	9.139	1196	1199	1203	rVB	2109868	1819988	75.87%	2.646%
60	9.192	1204	1208	1210	rVB	1873585	1617154	67.41%	2.351%
61	9.233	1213	1215	1217	rVB2	254417	198618	8.28%	0.289%
62	9.275	1218	1222	1226	rBV	2219964	2398814	100.00%	3.488%
63	9.392	1239	1242	1245	rVB5	244263	201045	8.38%	0.292%
64	9.463	1252	1254	1256	rVB	290314	189707	7.91%	0.276%
65	9.527	1263	1265	1267	rVB2	265032	189802	7.91%	0.276%
66	9.551	1267	1269	1271	rVB2	473000	354538	14.78%	0.515%
67	9.592	1271	1276	1279	rBV3	1809780	2248362	93.73%	3.269%
68	9.616	1279	1280	1283	rVV	637911	488097	20.35%	0.710%
69	9.651	1283	1286	1288	rVB2	497587	405297	16.90%	0.589%
70	9.745	1299	1302	1304	rVB3	311907	297082	12.38%	0.432%
71	9.780	1305	1308	1309	rVV3	329262	354142	14.76%	0.515%

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72	9.804	1309	1312	1316	rVV	1838069	1610930	67.16%	2.342%
73	9.845	1316	1319	1320	rVV2	342299	382552	15.95%	0.556%
74	9.869	1320	1323	1326	rVB	2001245	1884116	78.54%	2.739%
75	9.975	1339	1341	1344	rVB2	234182	214619	8.95%	0.312%
76	10.033	1348	1351	1354	rVV3	272217	409494	17.07%	0.595%
77	10.063	1354	1356	1358	rVB2	255925	213712	8.91%	0.311%
78	10.122	1363	1366	1370	rVV2	632170	859196	35.82%	1.249%
79	10.157	1370	1372	1375	rVB	260989	215417	8.98%	0.313%
80	10.186	1375	1377	1384	rBV8	177474	371258	15.48%	0.540%
81	10.239	1384	1386	1390	rVB2	285607	312132	13.01%	0.454%
82	10.298	1390	1396	1399	rBV	1304518	1385036	57.74%	2.014%
83	10.327	1399	1401	1404	rVV2	224020	208854	8.71%	0.304%
84	10.522	1429	1434	1440	rVB	874955	1064714	44.39%	1.548%
85	10.569	1440	1442	1446	rVB	201293	189498	7.90%	0.276%
86	10.604	1446	1448	1451	rBV2	169826	183148	7.63%	0.266%
87	10.657	1451	1457	1460	rVB2	1104794	1086547	45.30%	1.580%
88	10.774	1474	1477	1482	rBV2	965883	1441586	60.10%	2.096%
89	11.221	1550	1553	1555	rBV	523017	440364	18.36%	0.640%
90	11.251	1555	1558	1564	rVB	516955	522504	21.78%	0.760%
91	11.351	1572	1575	1578	rBV	1878166	1767680	73.69%	2.570%
92	11.645	1622	1625	1628	rVB	402281	307107	12.80%	0.447%
93	12.051	1692	1694	1698	rVB	288583	227942	9.50%	0.331%
94	12.439	1756	1760	1765	rVV2	268399	330280	13.77%	0.480%
95	12.563	1778	1781	1784	rVB	499651	391661	16.33%	0.569%
96	12.792	1815	1820	1822	rBV	439839	445232	18.56%	0.647%
97	12.933	1840	1844	1852	rVB	1875713	1658023	69.12%	2.411%
98	13.839	1995	1998	2005	rVB2	239960	325855	13.58%	0.474%
99	13.986	2019	2023	2026	rBV	1483331	1441511	60.09%	2.096%
100	15.445	2267	2271	2275	rBV2	954342	1179618	49.18%	1.715%

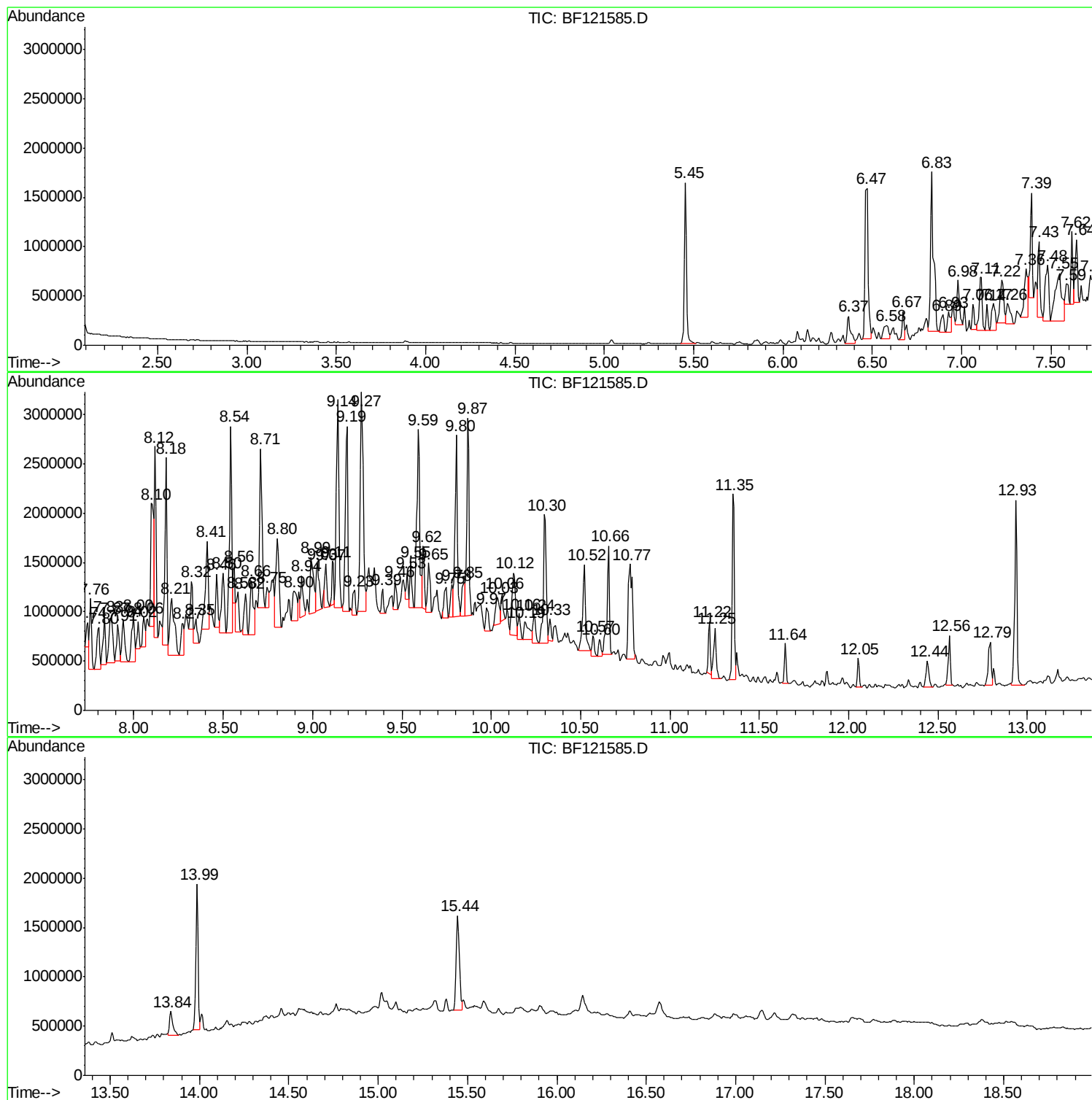
Sum of corrected areas: 68779556

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
22-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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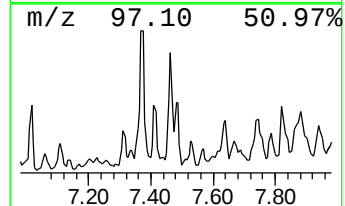
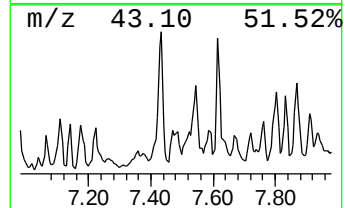
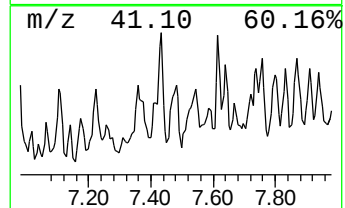
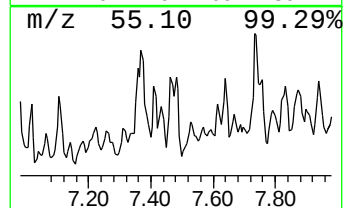
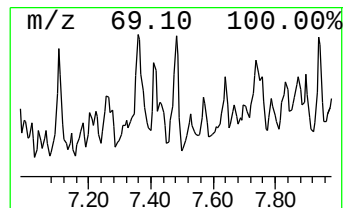
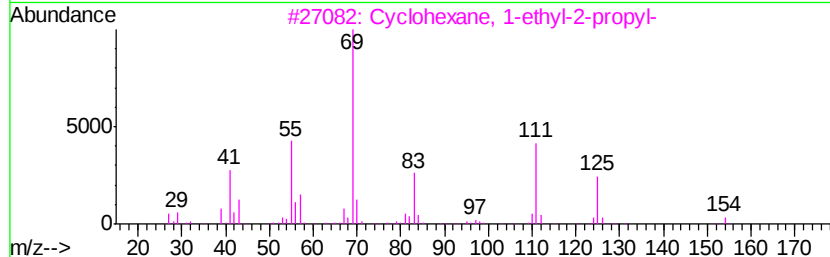
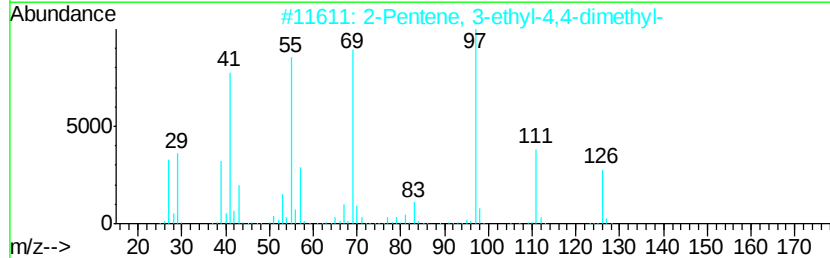
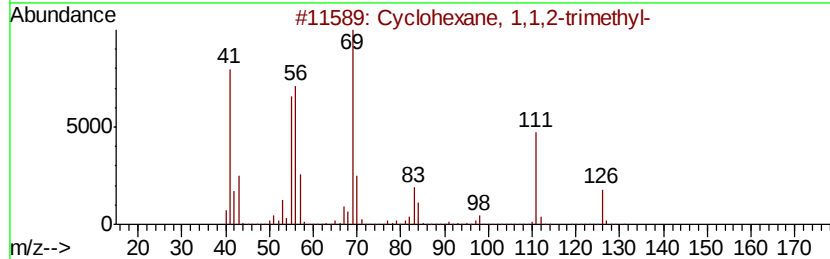
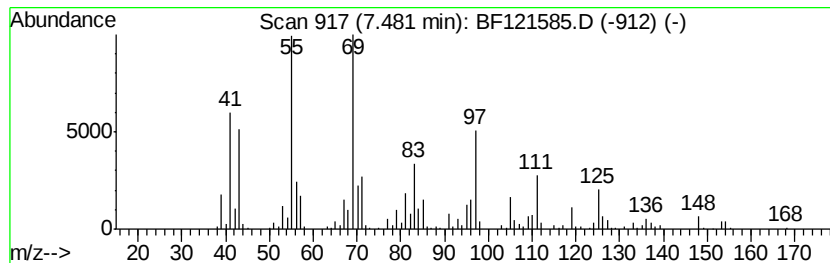
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	14.39 ng	905443	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
2		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	43
3		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
4		Bicyclo[3.1.1]heptan-3-one, 2-ethyl-	166	C11H18O	1000163-95-8	43
5		Cyclopentanecarboxylic acid, ethyl-	140	C8H12O2	016523-06-1	38



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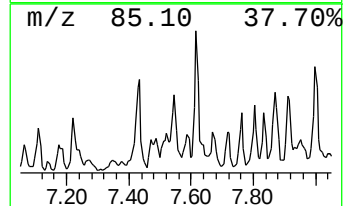
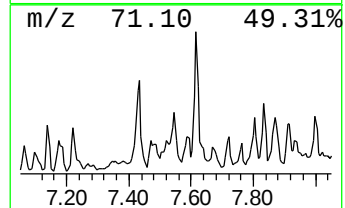
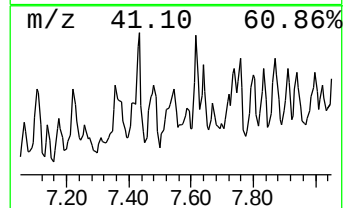
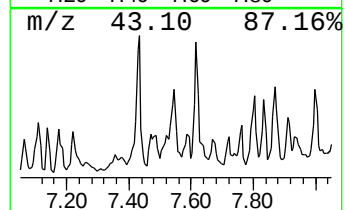
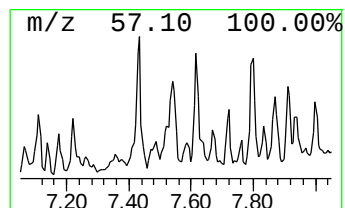
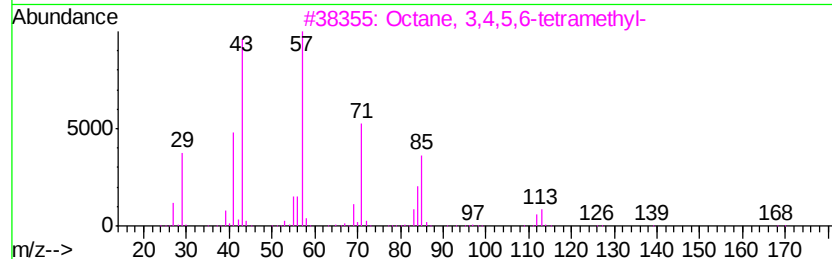
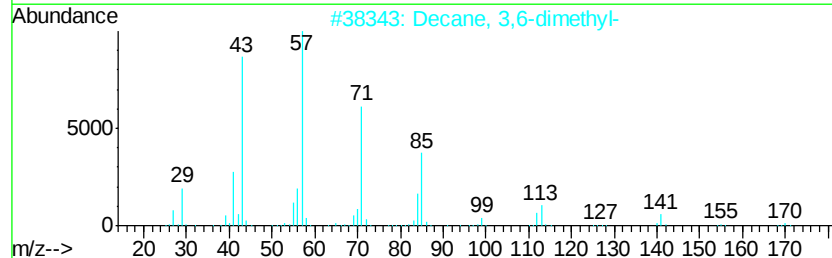
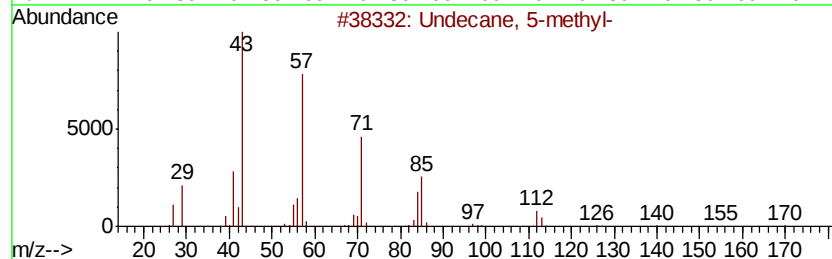
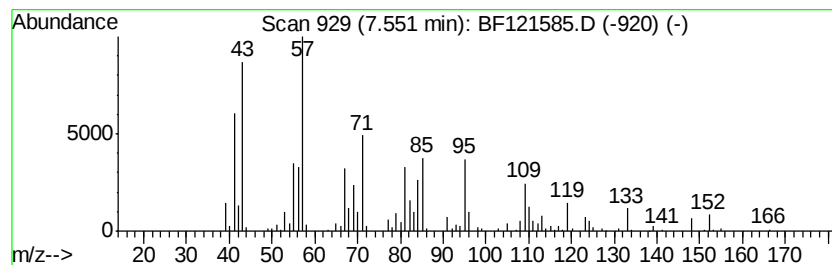
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	20.08 ng	1263410	Napthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	81	
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81	
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	80	
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53	
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53	



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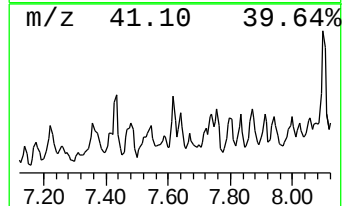
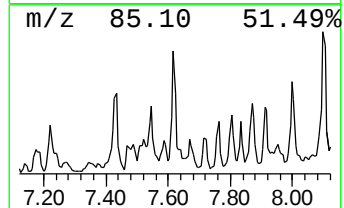
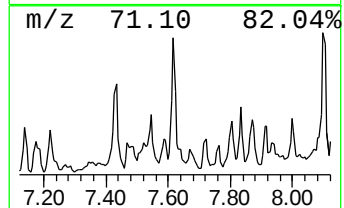
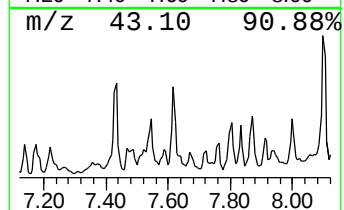
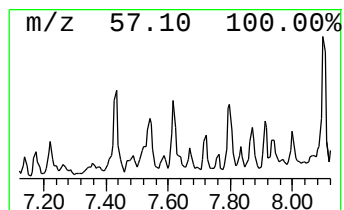
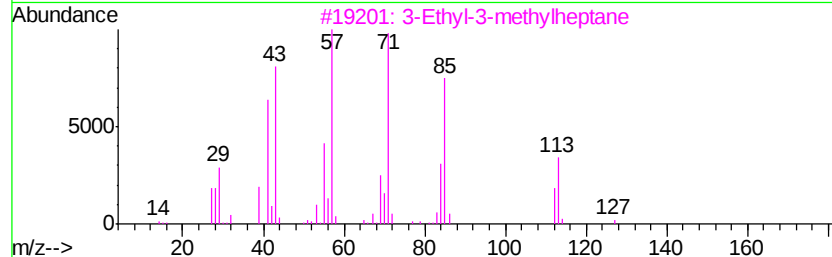
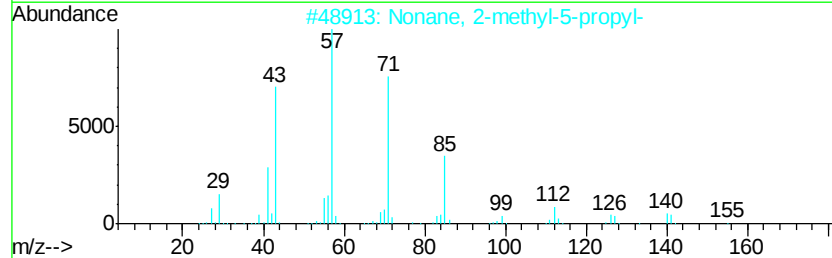
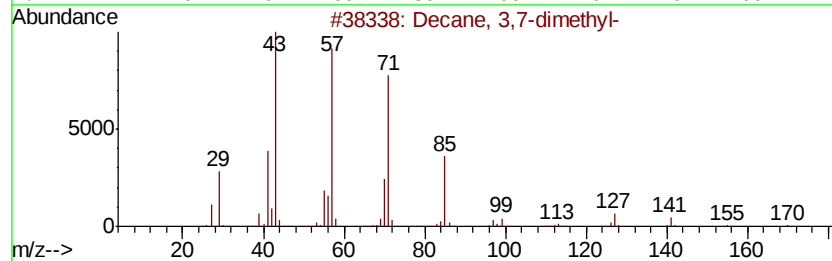
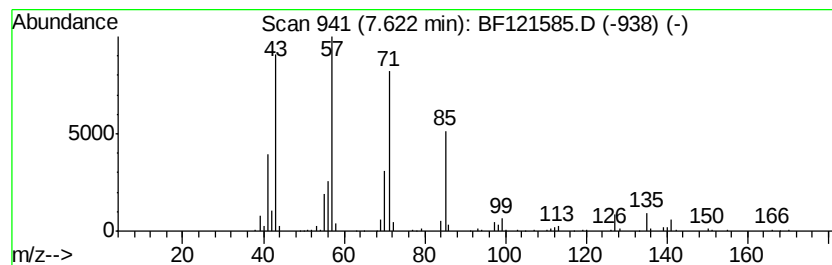
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	9.19 ng	577867	Naphthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	97
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
4			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

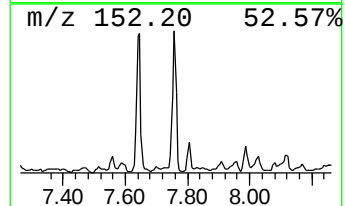
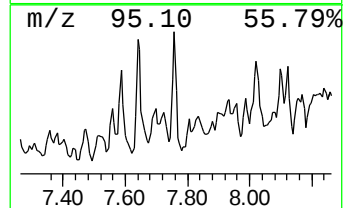
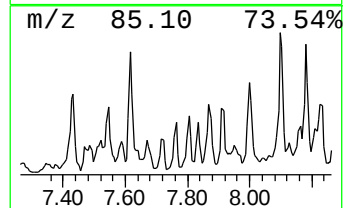
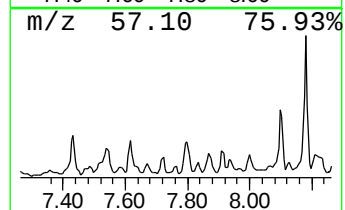
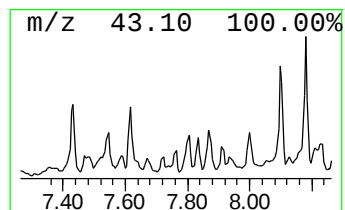
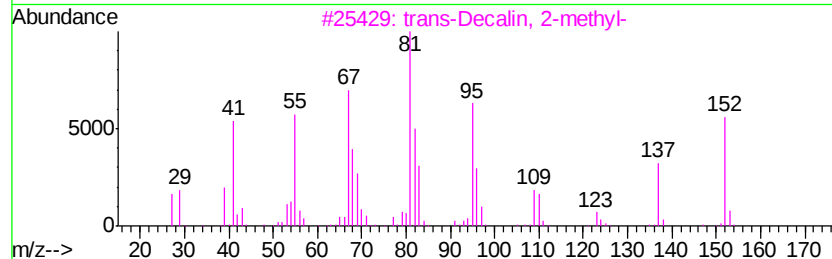
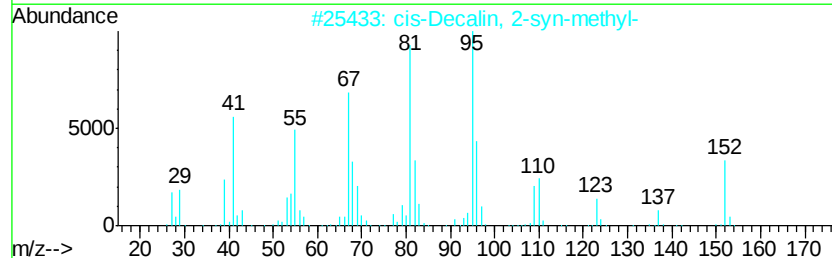
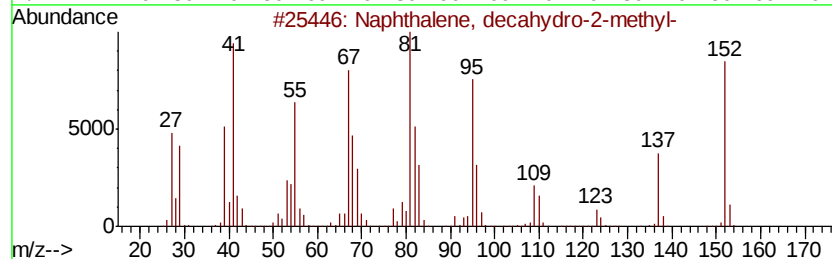
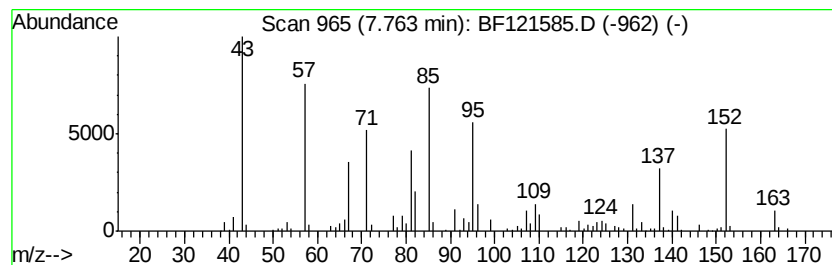
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	9.66 ng	607863	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	49
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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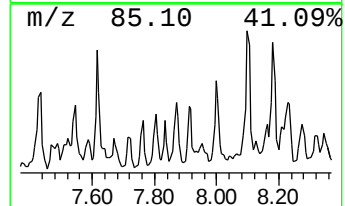
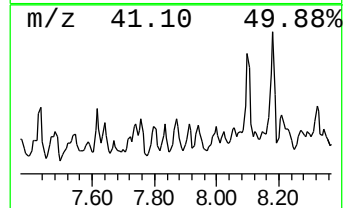
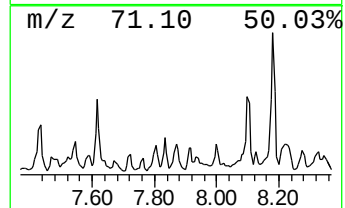
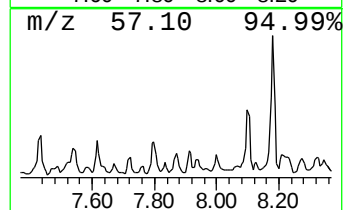
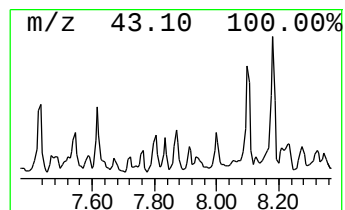
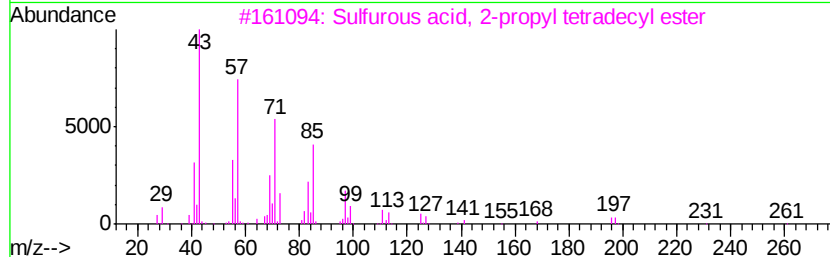
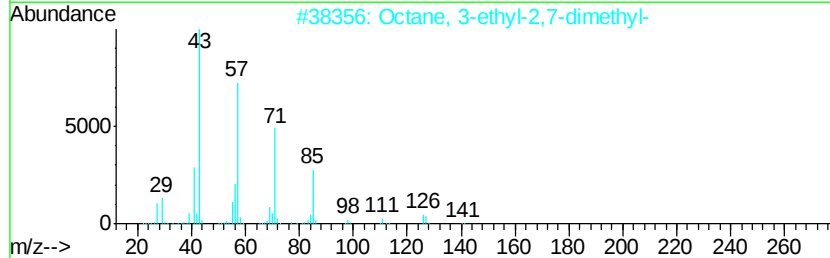
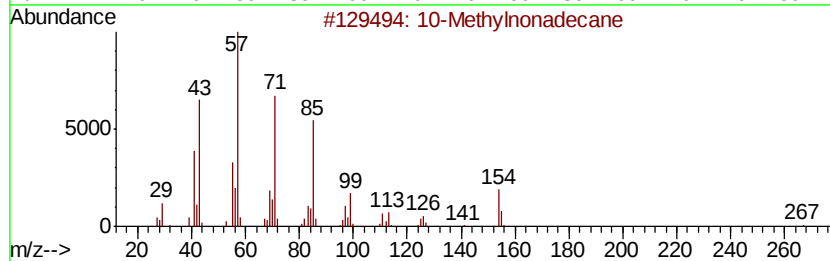
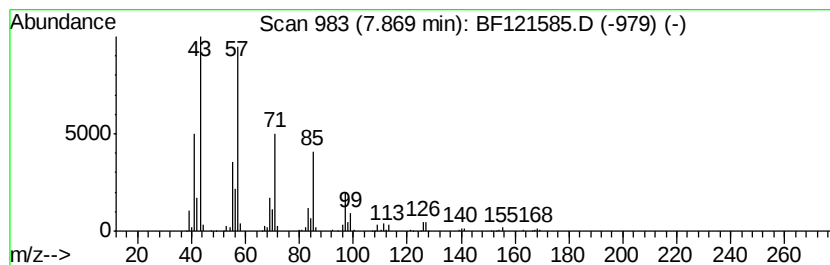
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10-Methylnonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	9.78 ng	615296	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	80
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3		Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	72
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5		Dotriacontane	451	C32H66	000544-85-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

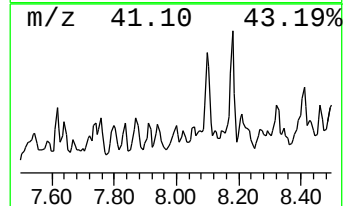
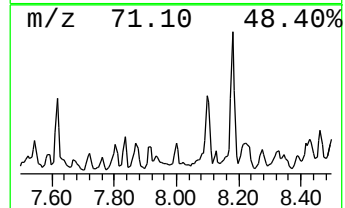
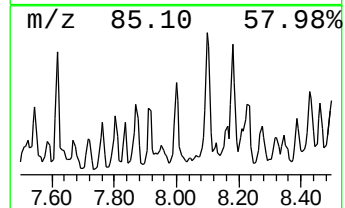
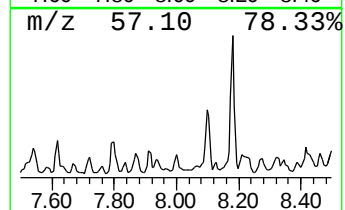
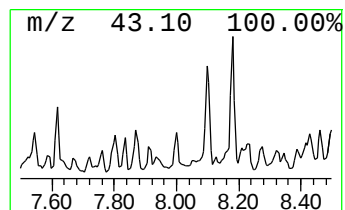
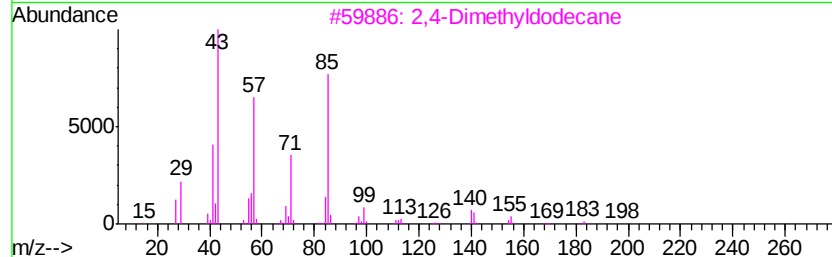
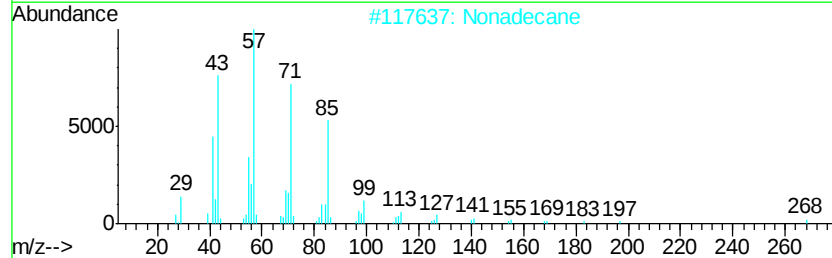
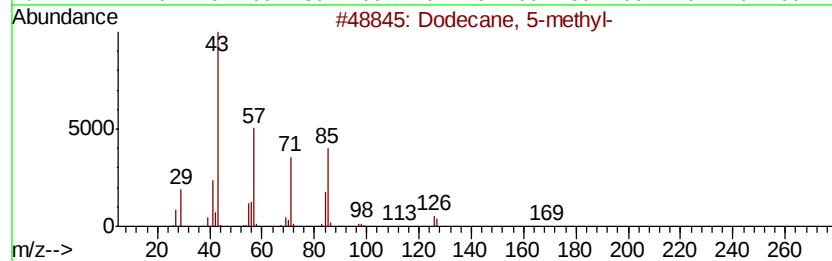
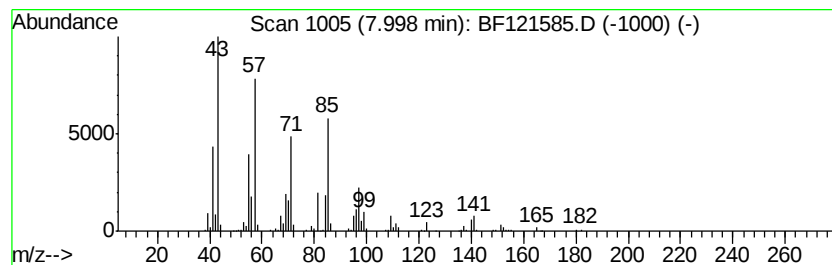
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.00 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	9.90 ng	622672	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	47
2		Nonadecane	268	C19H40	000629-92-5	47
3		2,4-Dimethyldodecane	198	C14H30	006117-99-3	47
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5		Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

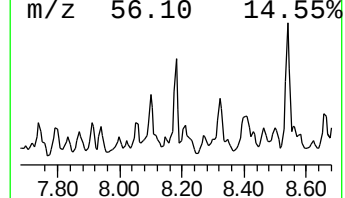
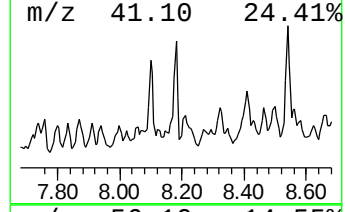
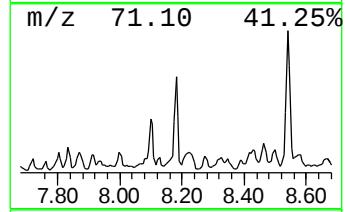
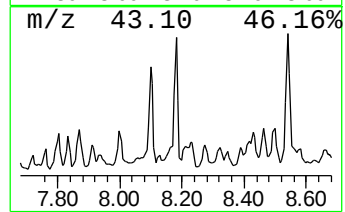
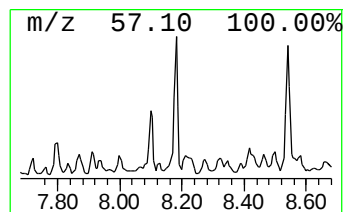
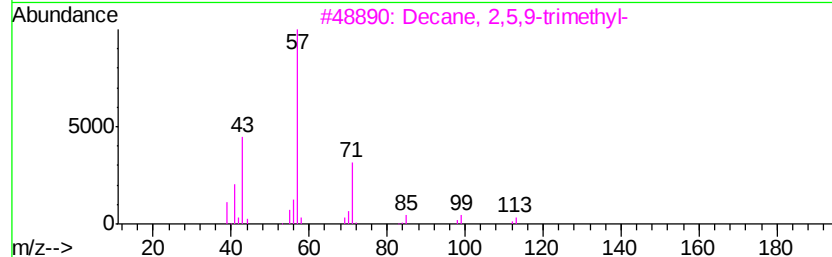
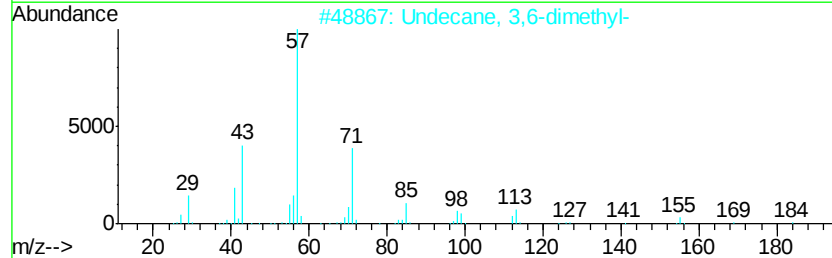
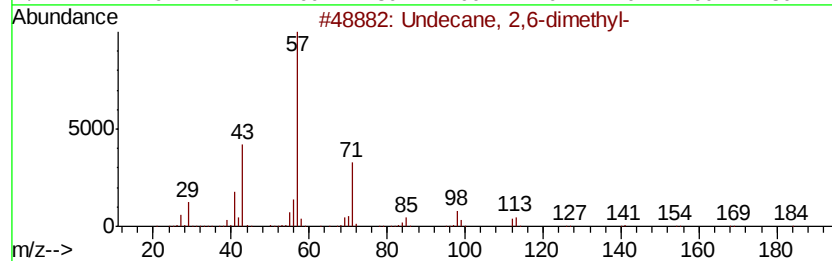
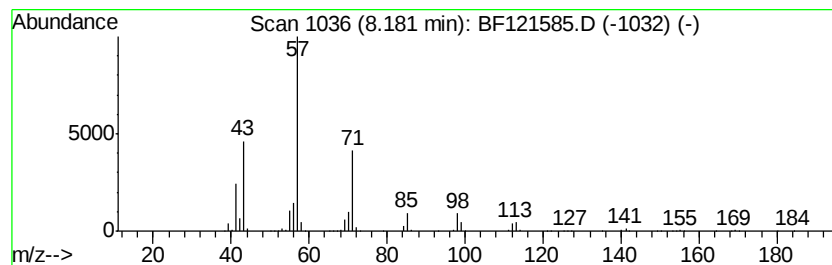
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	26.72 ng	1680650	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
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Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

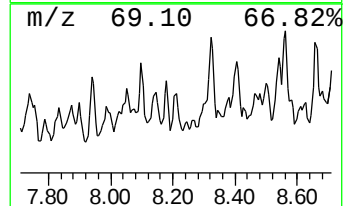
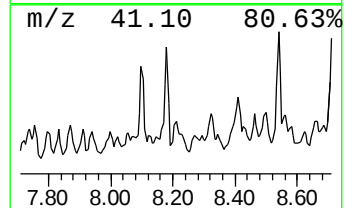
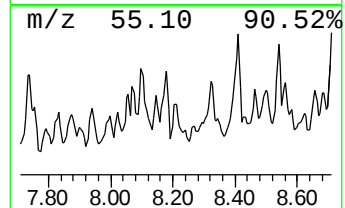
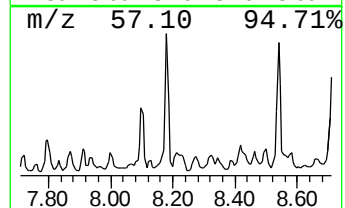
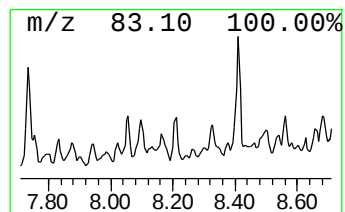
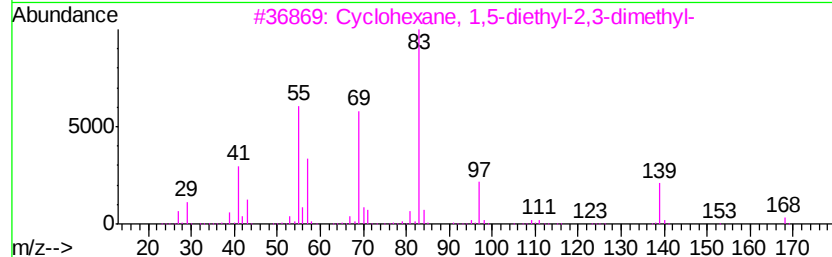
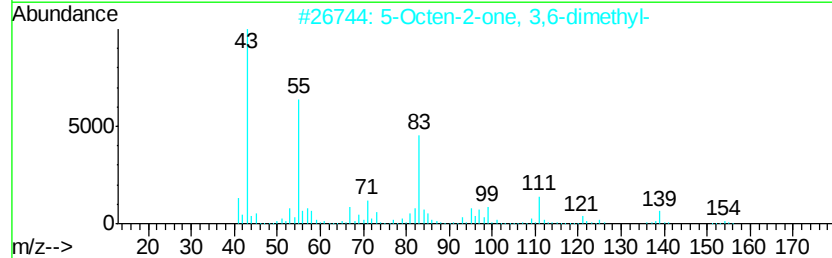
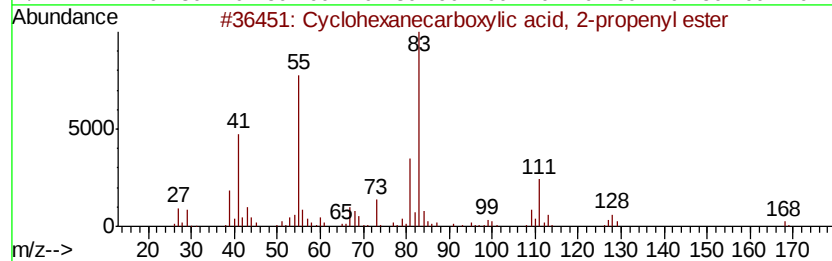
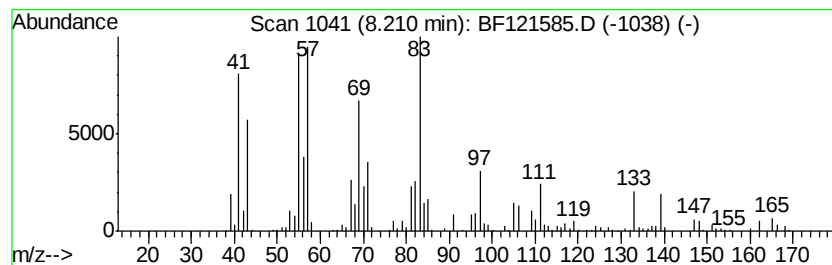
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexanecarboxylic acid,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.21	15.96 ng	1004080	Napthalene-d8	8.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexanecarboxylic acid, 2-pr...	168	C10H16O2	016491-63-7	53
2		5-Octen-2-one, 3,6-dimethyl-	154	C10H18O	064165-21-5	53
3		Cvclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	47
4		5-Amino-1-ethylpvrazole	111	C5H9N3	003528-58-3	43
5		Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
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Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

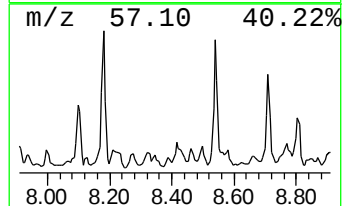
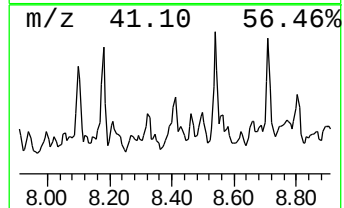
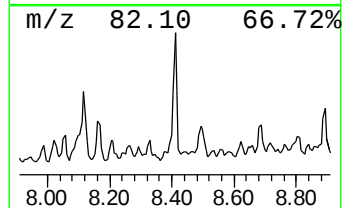
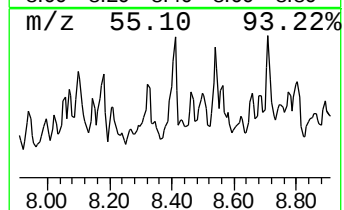
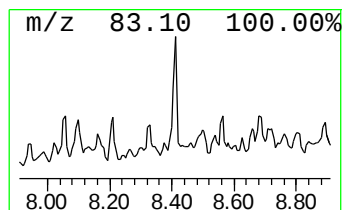
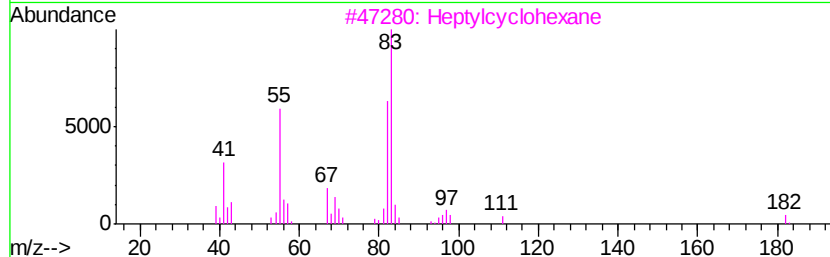
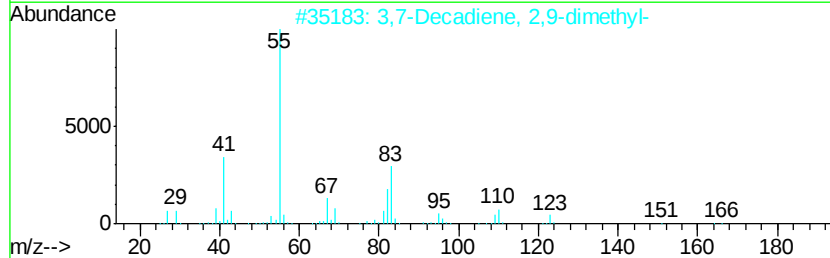
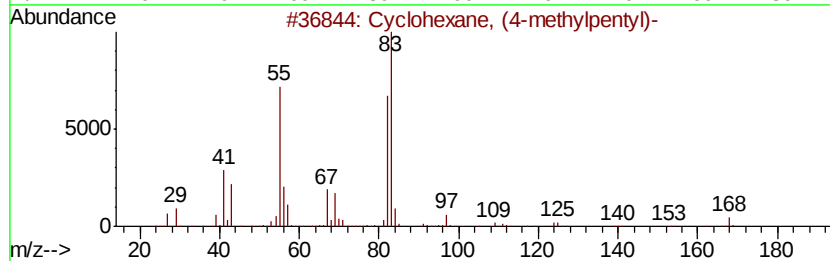
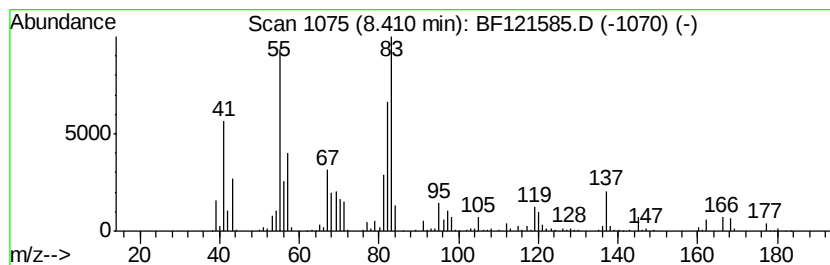
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, (4-methylpentyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	17.15 ng	1079010	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2		3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	58
3		Heptylcyclohexane	182	C13H26	005617-41-4	53
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
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Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

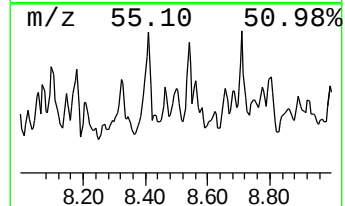
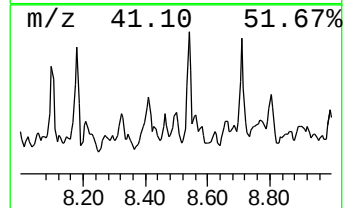
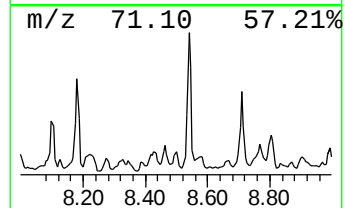
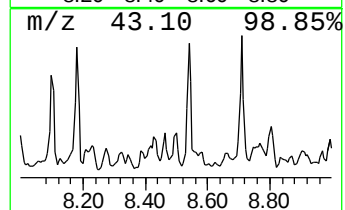
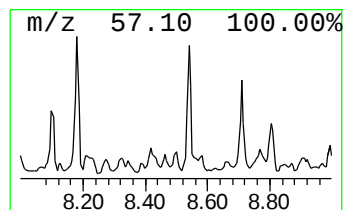
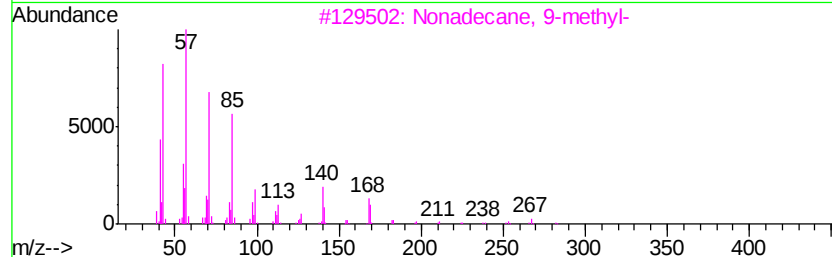
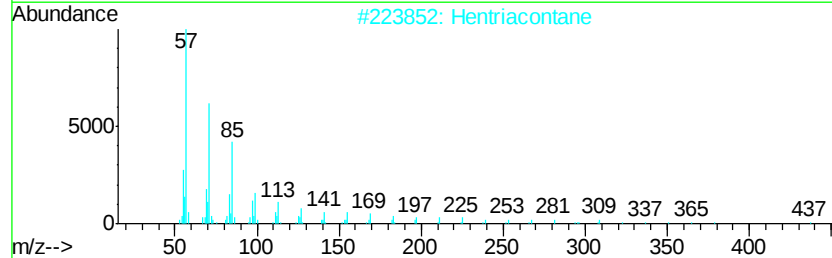
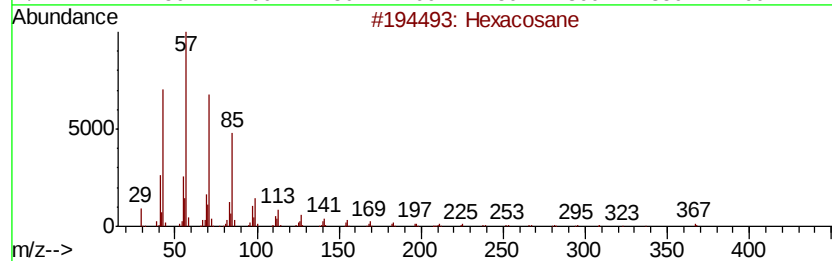
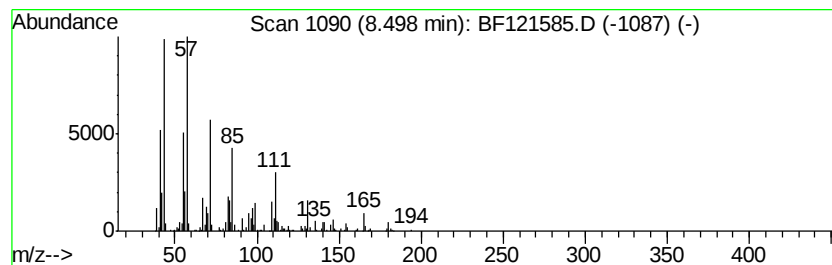
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	11.14 ng	700550	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	58
2		Hentriacontane	437	C31H64	000630-04-6	58
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	52
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	52
5		9-methylheptadecane	254	C18H38	026741-18-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

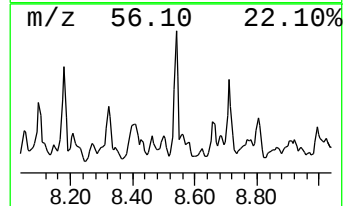
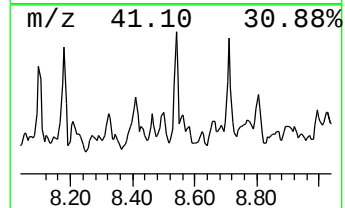
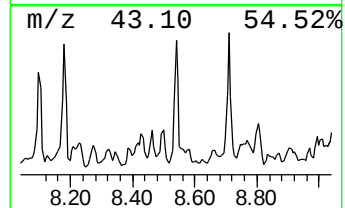
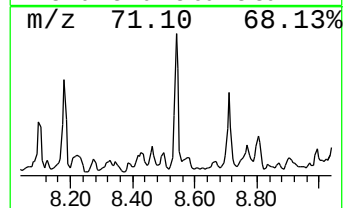
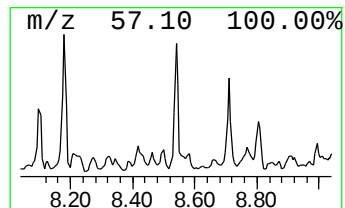
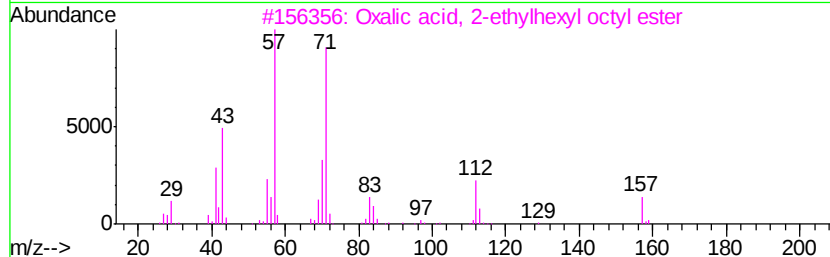
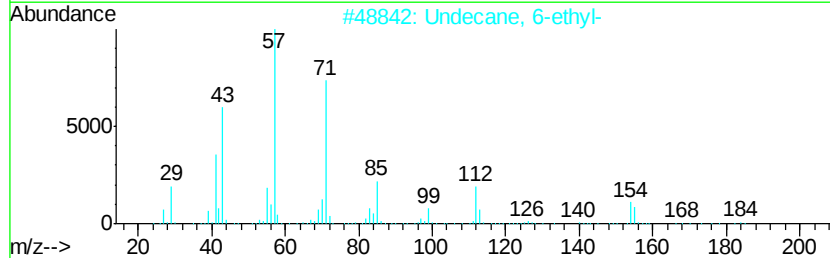
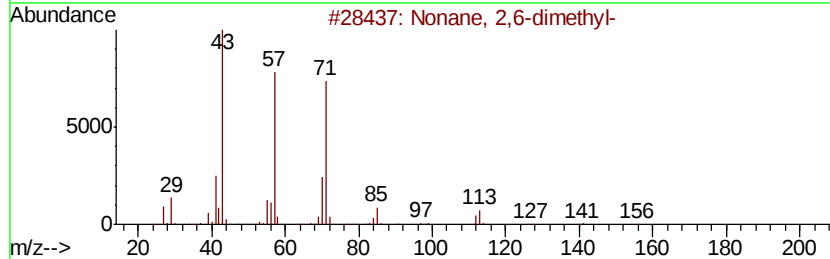
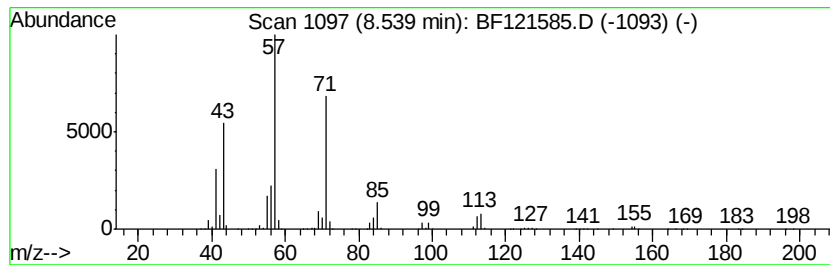
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	30.02 ng	1888750	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
3		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
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Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
22-31

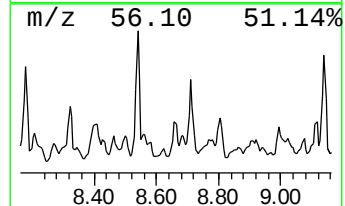
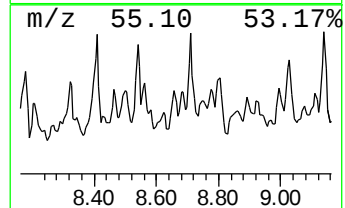
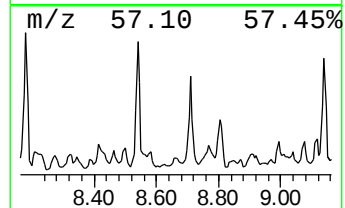
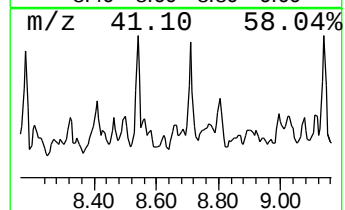
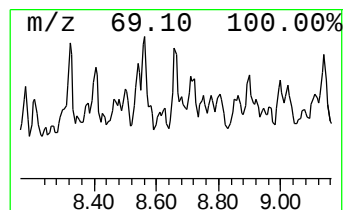
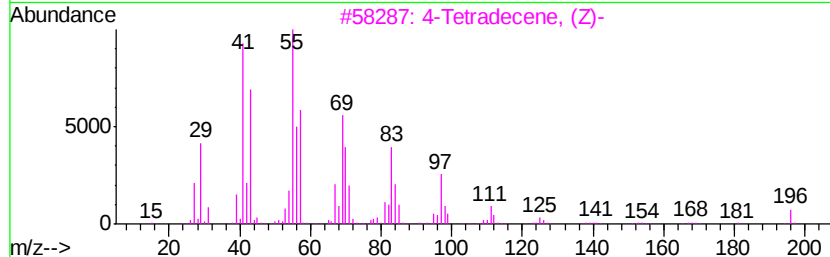
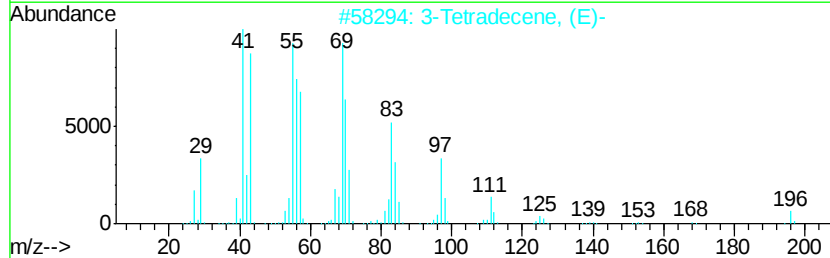
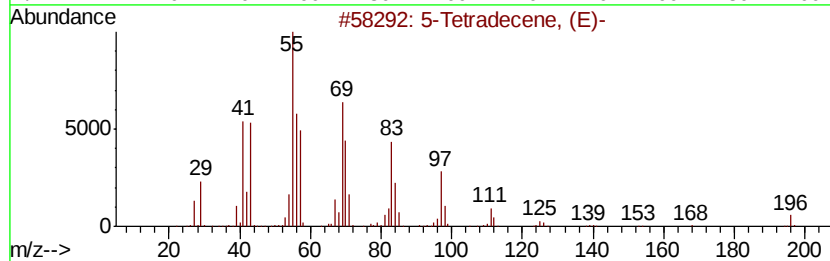
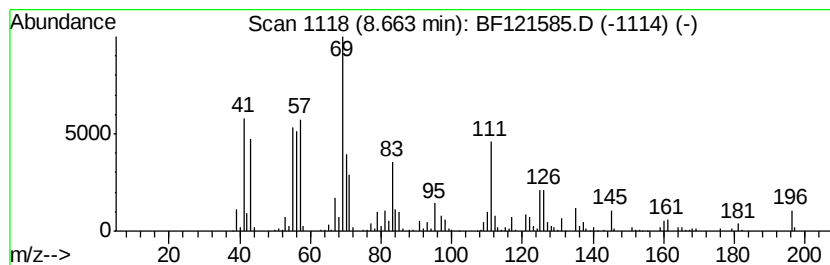
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Tetradecene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	11.65 ng	732977	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	56
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	56
3	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	55
4	6-Tetradecene, (E)-	196	C14H28	041446-64-4	53
5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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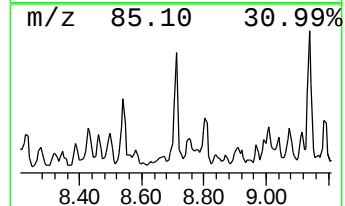
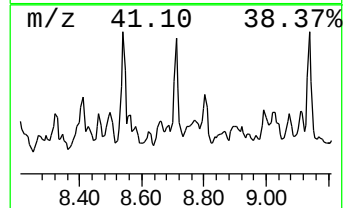
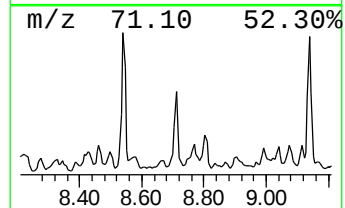
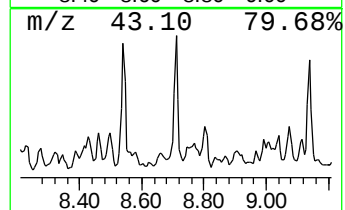
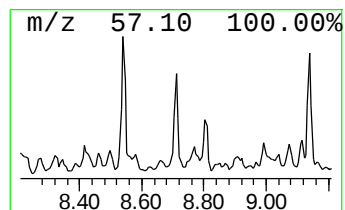
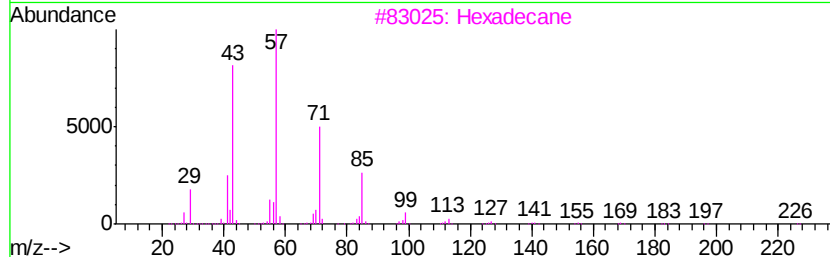
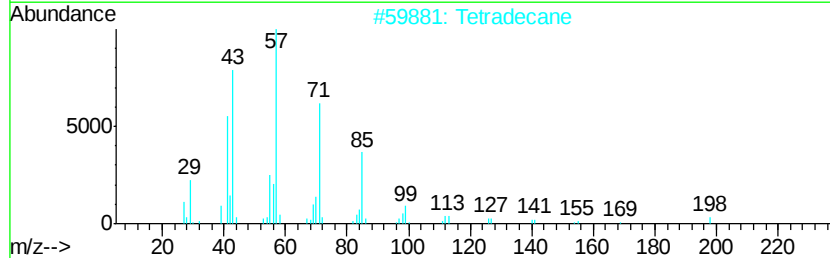
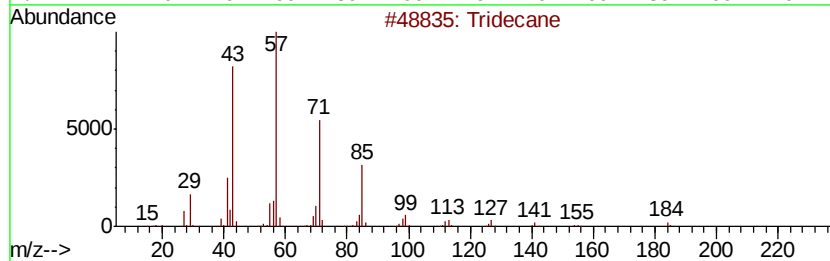
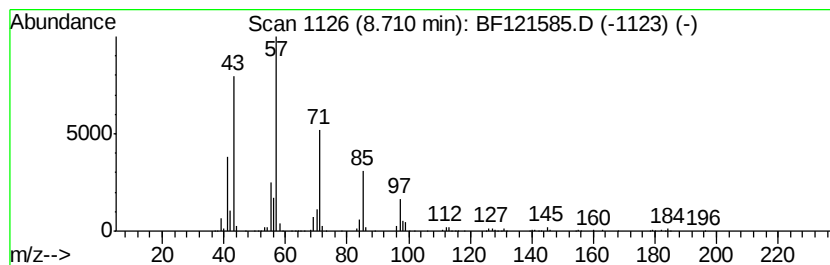
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	20.70 ng	1301970	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane	212	C15H32	000629-62-9	72
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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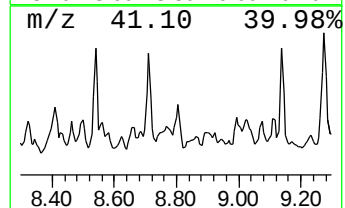
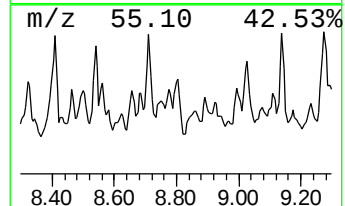
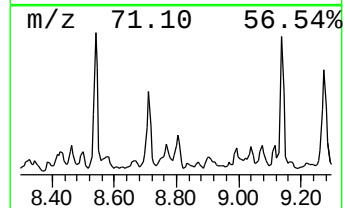
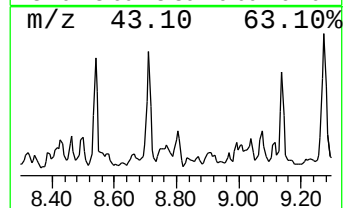
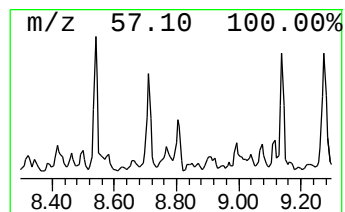
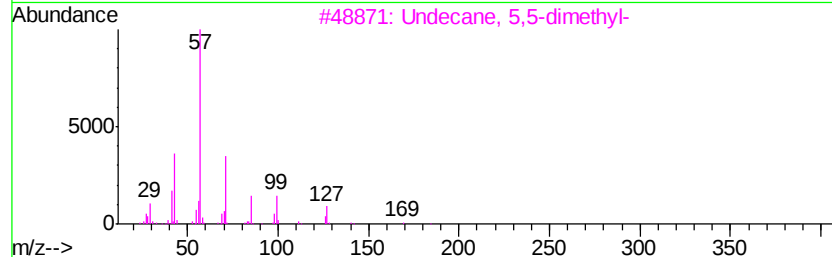
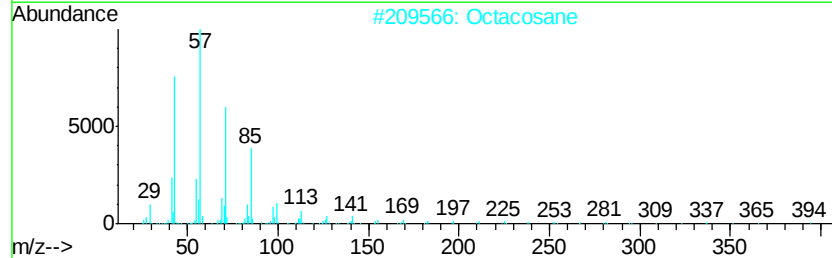
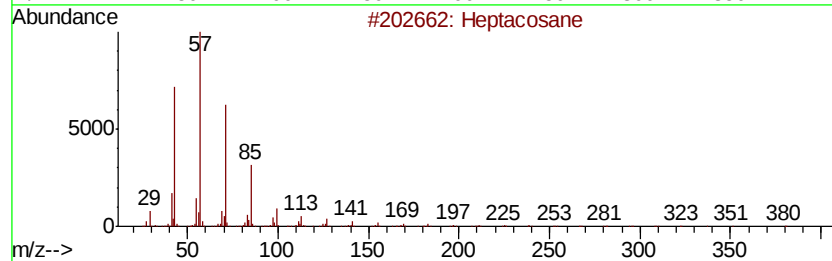
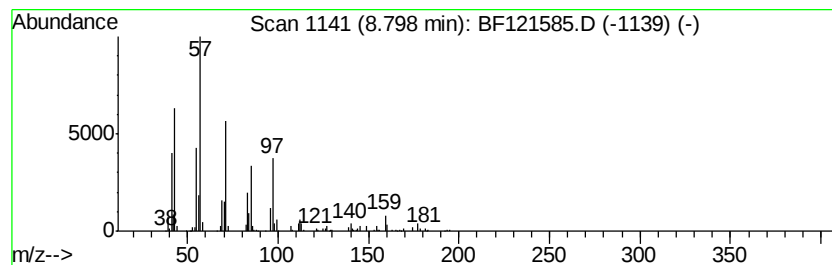
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	17.04 ng	1071670	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	59
2		Octacosane	394	C28H58	000630-02-4	59
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	53
4		Heneicosane	296	C21H44	000629-94-7	53
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
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Sample : L4005-01 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
22-31

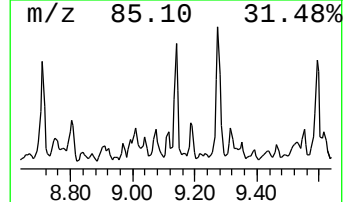
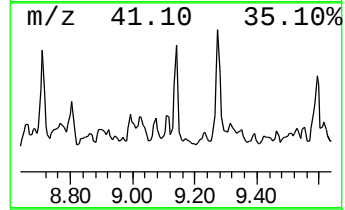
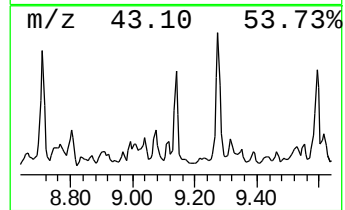
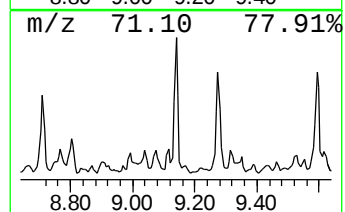
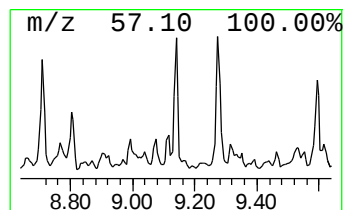
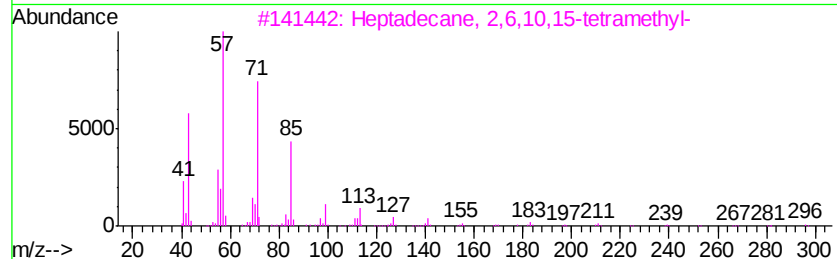
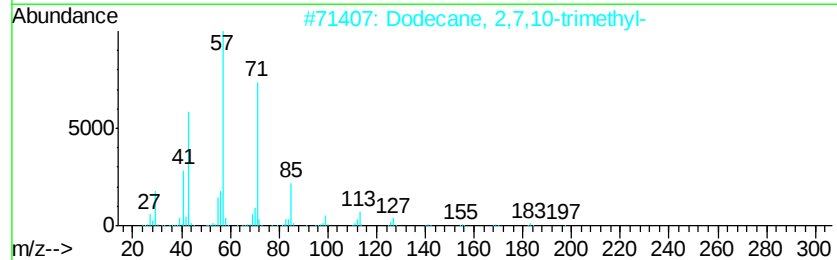
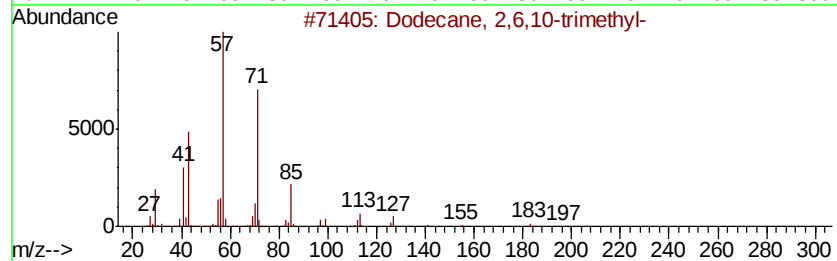
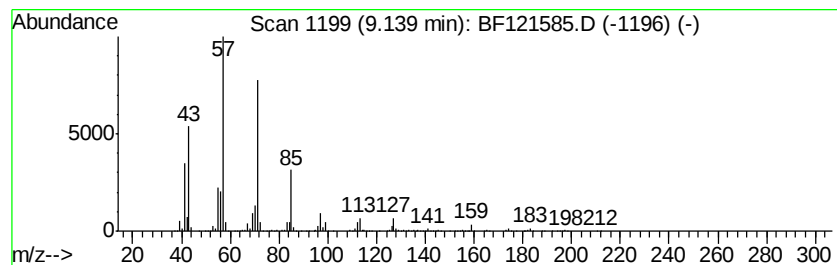
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	19.32 ng	1819990	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

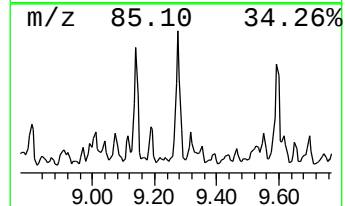
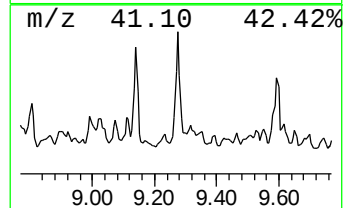
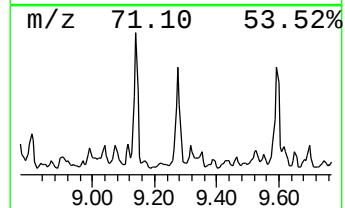
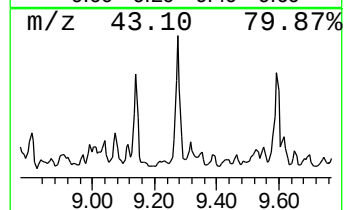
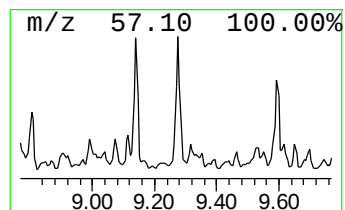
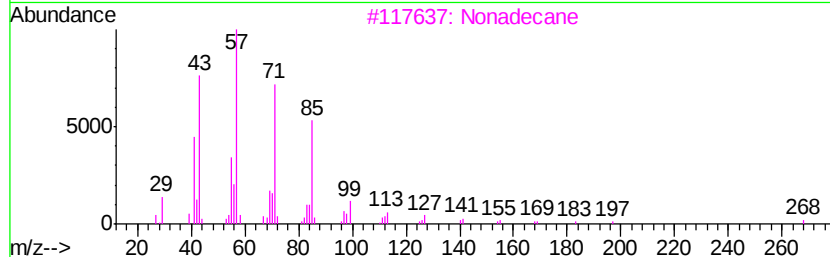
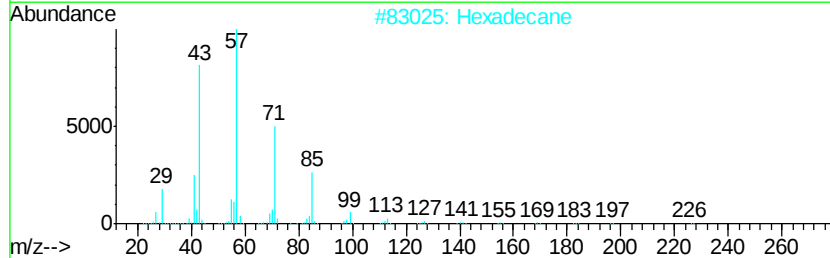
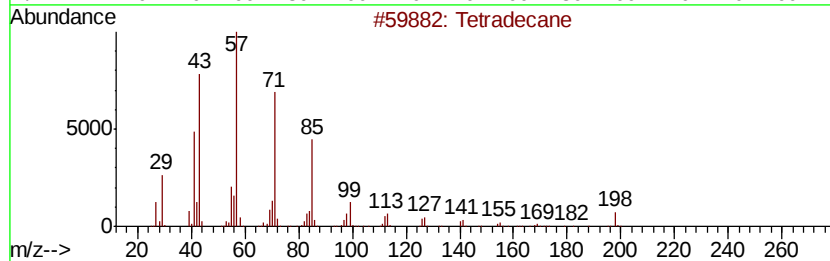
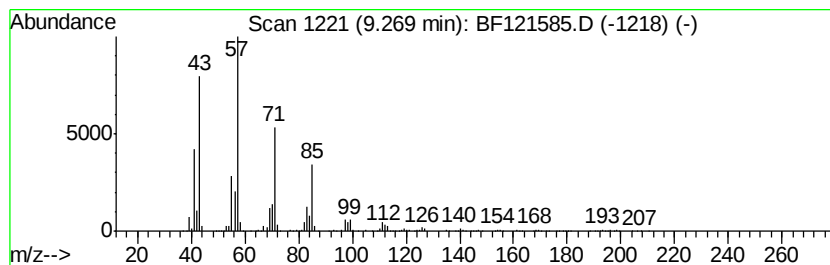
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	25.46 ng	2398810	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
22-31

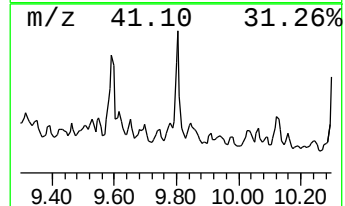
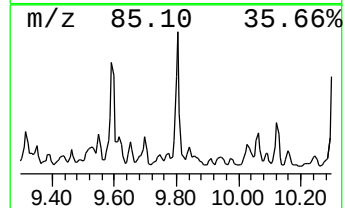
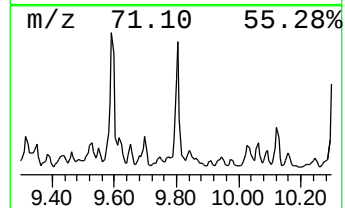
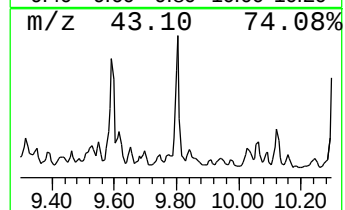
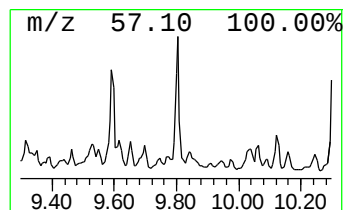
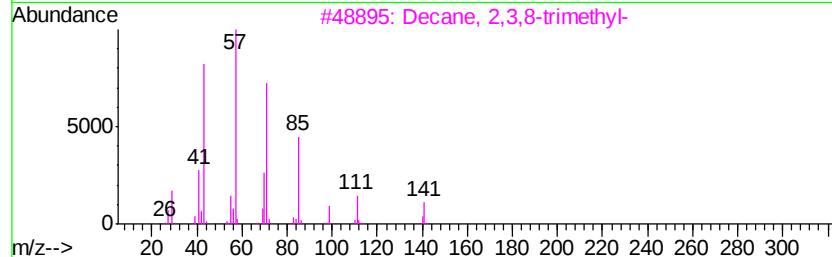
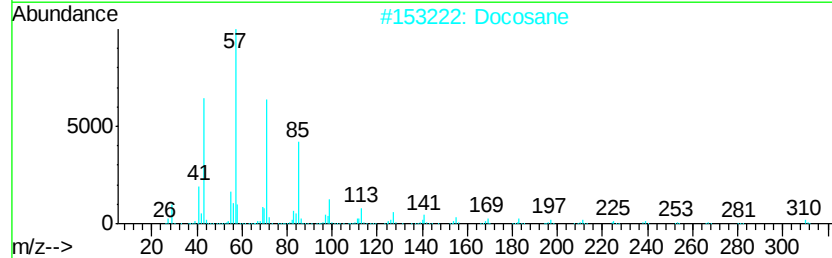
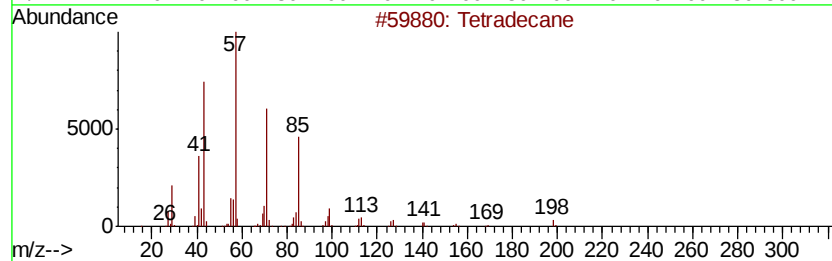
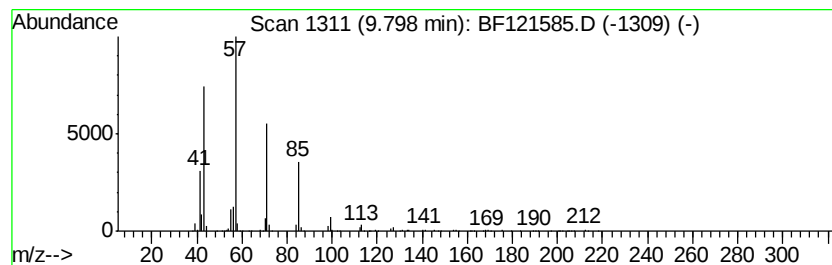
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	17.10 ng	1610930	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Docosane	310	C22H46	000629-97-0	78
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

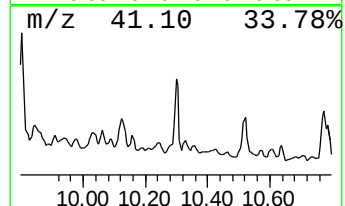
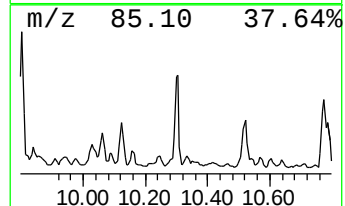
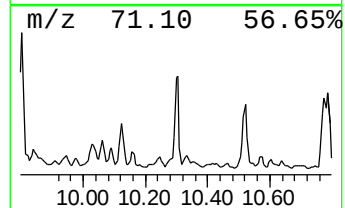
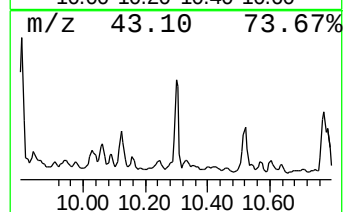
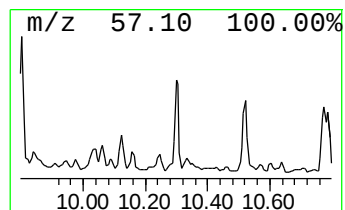
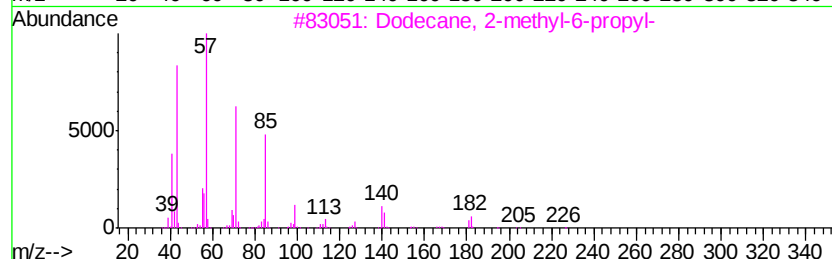
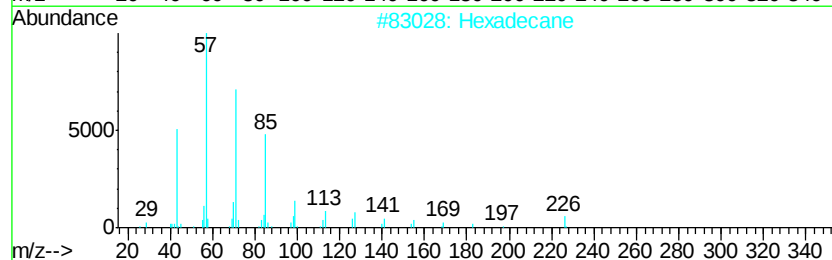
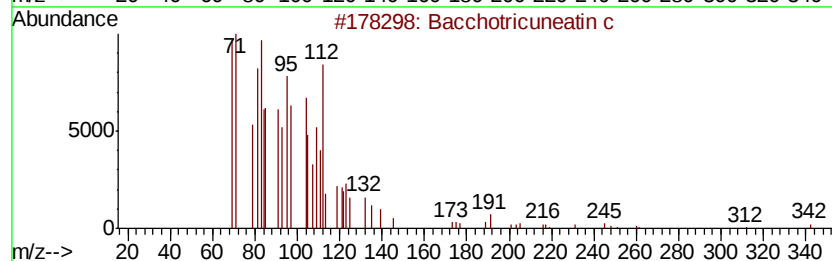
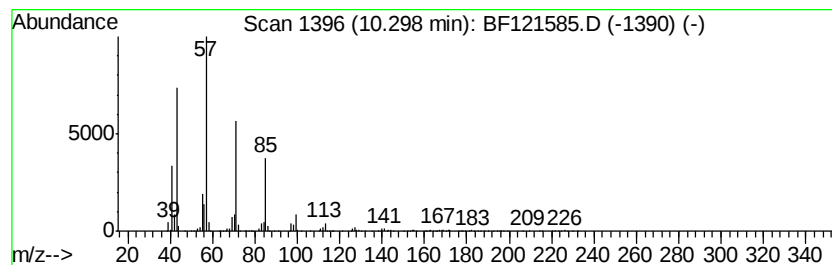
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	14.70 ng	1385040	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

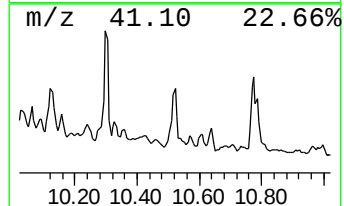
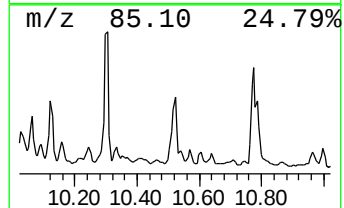
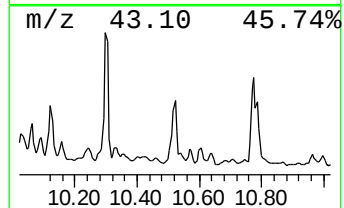
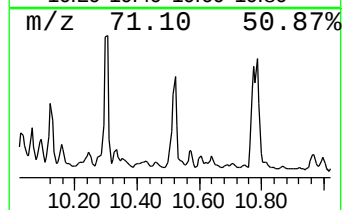
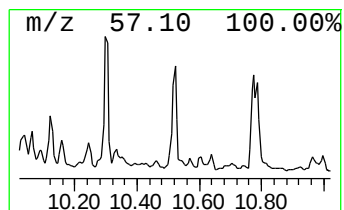
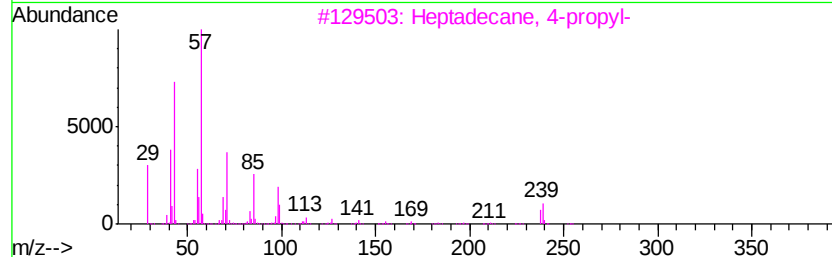
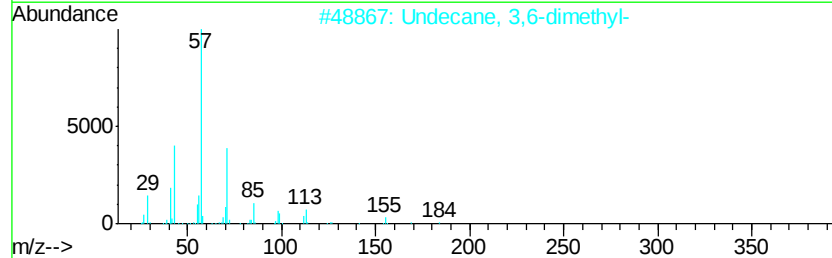
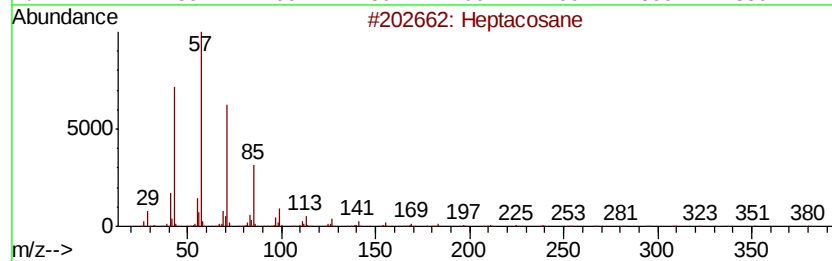
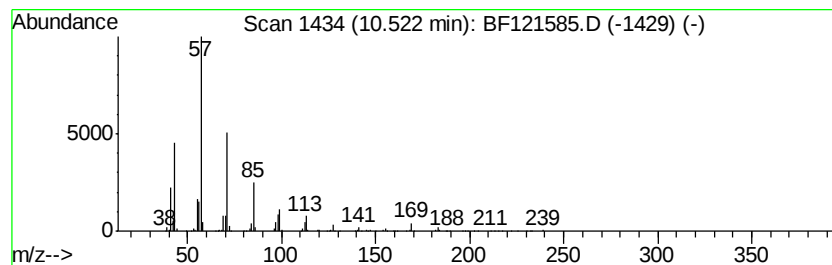
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	11.30 ng	1064710	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3		Heptadecane, 4-propyl-	282	C20H42	055044-10-5	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22-31

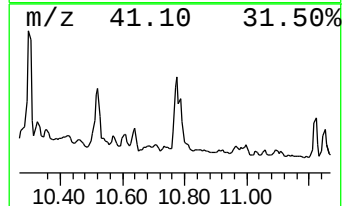
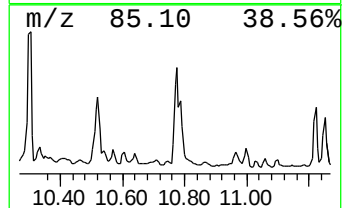
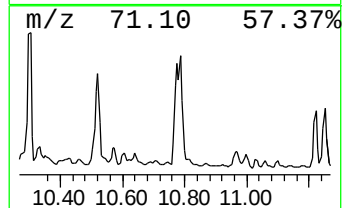
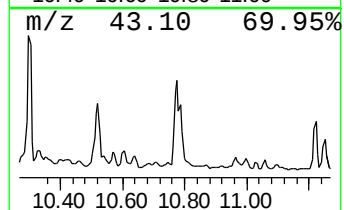
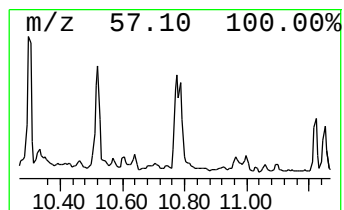
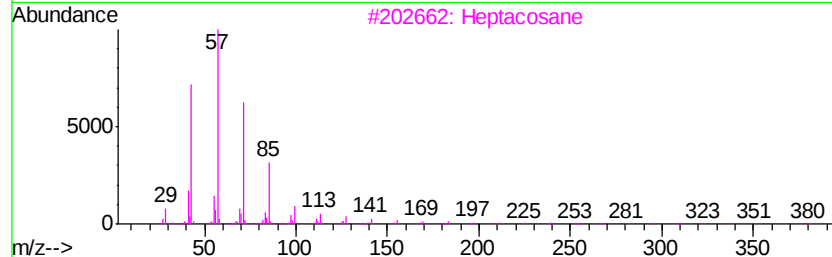
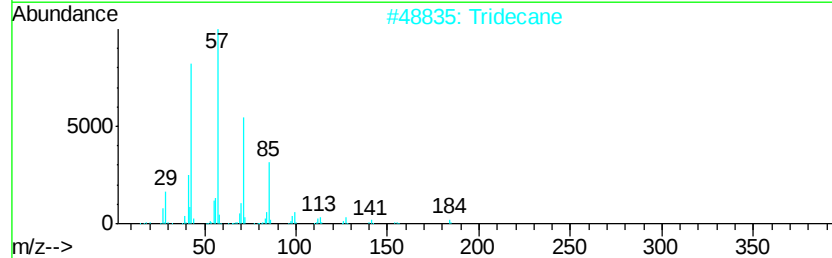
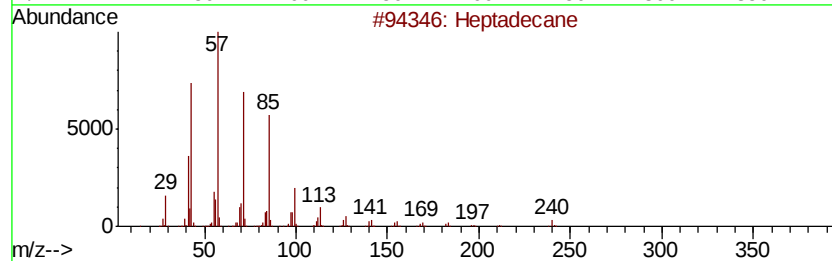
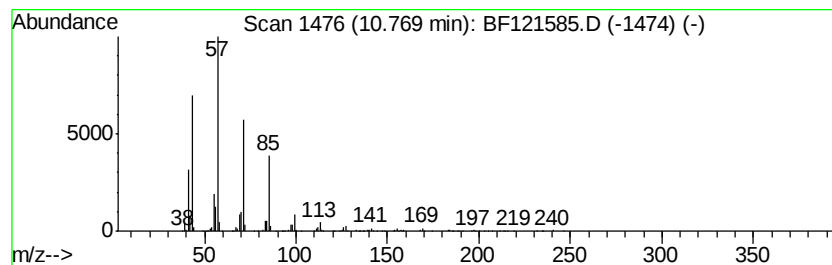
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	16.31 ng	1441590	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091520\
 Data File : BF121585.D
 Acq On : 15 Sep 2020 19:03
 Operator : JU/CG
 Sample : L4005-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Cyclohexane, 1,1,...	7.48	14.4	ng	905443	2	8.12	1258140	20.0
Undecane, 5-methyl-	7.55	20.1	ng	1263410	2	8.12	1258140	20.0
Decane, 3,7-dimet...	7.62	9.2	ng	577867	2	8.12	1258140	20.0
Naphthalene, deca...	7.76	9.7	ng	607863	2	8.12	1258140	20.0
10-Methylnonadecane	7.87	9.8	ng	615296	2	8.12	1258140	20.0
unknown8.00	8.00	9.9	ng	622672	2	8.12	1258140	20.0
Undecane, 2,6-dim...	8.18	26.7	ng	1680650	2	8.12	1258140	20.0
Cyclohexanecarbox...	8.21	16.0	ng	1004080	2	8.12	1258140	20.0
Cyclohexane, (4-m...	8.41	17.1	ng	1079010	2	8.12	1258140	20.0
Hexacosane	8.50	11.1	ng	700550	2	8.12	1258140	20.0
Nonane, 2,6-dimet...	8.54	30.0	ng	1888750	2	8.12	1258140	20.0
5-Tetradecene, (E)-	8.66	11.7	ng	732977	2	8.12	1258140	20.0
Tridecane	8.71	20.7	ng	1301970	2	8.12	1258140	20.0
Heptacosane	8.80	17.0	ng	1071670	2	8.12	1258140	20.0
Dodecane, 2,6,10-...	9.14	19.3	ng	1819990	3	9.87	1884120	20.0
Tetradecane	9.27	25.5	ng	2398810	3	9.87	1884120	20.0
Docosane	9.80	17.1	ng	1610930	3	9.87	1884120	20.0
Bacchotricuneatin c	10.30	14.7	ng	1385040	3	9.87	1884120	20.0
Undecane, 3,6-dim...	10.52	11.3	ng	1064710	3	9.87	1884120	20.0
Heptadecane	10.77	16.3	ng	1441590	4	11.35	1767680	20.0