

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122861.D
 Acq On : 24 Dec 2020 18:14
 Operator : JU/CG
 Sample : L5197-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-122320

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-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122861.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	579	rVB	369549	385700	15.80%	0.997%
2	6.351	722	725	727	rBV2	161445	159298	6.52%	0.412%
3	6.410	732	735	739	rBV2	117160	141626	5.80%	0.366%
4	6.451	739	742	747	rBV	380077	437544	17.92%	1.131%
5	6.557	756	760	765	rBV3	73026	134127	5.49%	0.347%
6	6.657	772	777	780	rBV2	803814	712851	29.20%	1.843%
7	6.816	800	804	811	rVV2	789988	987343	40.44%	2.552%
8	6.875	811	814	818	rVV	167011	170550	6.99%	0.441%
9	6.969	827	830	833	rVV2	216049	235290	9.64%	0.608%
10	7.098	848	852	854	rVV	347191	335312	13.73%	0.867%
11	7.128	854	857	861	rVV2	218532	336462	13.78%	0.870%
12	7.157	861	862	866	rVB	275877	215155	8.81%	0.556%
13	7.210	867	871	875	rVV2	369661	383667	15.71%	0.992%
14	7.357	891	896	898	rVV3	263125	346044	14.17%	0.895%
15	7.381	898	900	904	rVV2	329095	436594	17.88%	1.129%
16	7.422	904	907	910	rVV	1553174	1338359	54.82%	3.460%
17	7.469	910	915	918	rVB5	255372	358552	14.69%	0.927%
18	7.504	918	921	923	rBV3	134972	177837	7.28%	0.460%
19	7.534	923	926	929	rVV3	186898	229954	9.42%	0.594%
20	7.575	930	933	935	rVV3	105451	134465	5.51%	0.348%
21	7.604	935	938	939	rVV2	209296	224354	9.19%	0.580%
22	7.628	939	942	945	rVV2	247205	306072	12.54%	0.791%
23	7.745	960	962	966	rVB4	136698	155376	6.36%	0.402%
24	7.792	966	970	972	rVB3	290385	349758	14.33%	0.904%
25	7.822	972	975	977	rBV	362441	304398	12.47%	0.787%
26	7.857	977	981	986	rVB5	420964	591846	24.24%	1.530%
27	7.898	986	988	990	rBV	280748	213013	8.72%	0.551%
28	7.945	994	996	998	rVB	183582	144334	5.91%	0.373%
29	7.975	998	1001	1005	rBV2	133891	155985	6.39%	0.403%
30	8.057	1010	1015	1017	rBV5	157540	247968	10.16%	0.641%
31	8.086	1017	1020	1025	rVV2	1826913	2441547	100.00%	6.312%
32	8.128	1025	1027	1029	rVV	468156	389209	15.94%	1.006%
33	8.169	1029	1034	1036	rVB2	624334	691603	28.33%	1.788%
34	8.192	1036	1038	1041	rBV2	199348	184355	7.55%	0.477%
35	8.263	1046	1050	1051	rBV3	118771	140346	5.75%	0.363%
36	8.304	1054	1057	1060	rVB2	199599	222385	9.11%	0.575%

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Integrator: RTE

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.345	1060	1064	1067	rBV4	84859	121686	4.98%	0.315%
38	8.398	1068	1073	1079	rVV4	390039	598551	24.52%	1.547%
39	8.451	1079	1082	1085	rVV3	261313	236688	9.69%	0.612%
40	8.481	1085	1087	1091	rVB3	376081	369562	15.14%	0.955%

41	8.528	1091	1095	1097	rBV	729654	647094	26.50%	1.673%
42	8.545	1097	1098	1100	rVV	179083	122520	5.02%	0.317%
43	8.569	1100	1102	1105	rVB3	147041	121135	4.96%	0.313%
44	8.610	1106	1109	1111	rBV	371894	286344	11.73%	0.740%
45	8.645	1111	1115	1117	rBV3	103242	113408	4.64%	0.293%

46	8.698	1120	1124	1128	rVV	1857276	1557782	63.80%	4.027%
47	8.733	1128	1130	1132	rVV3	132596	167152	6.85%	0.432%
48	8.763	1132	1135	1137	rVV3	256104	310681	12.72%	0.803%
49	8.792	1137	1140	1142	rVV2	277272	290129	11.88%	0.750%
50	8.816	1142	1144	1148	rVB	335940	263582	10.80%	0.681%

51	8.922	1158	1162	1165	rVV2	327591	501798	20.55%	1.297%
52	8.980	1169	1172	1173	rVV2	215982	214360	8.78%	0.554%
53	9.010	1176	1177	1178	rVV	199824	123019	5.04%	0.318%
54	9.057	1181	1185	1189	rVV3	268548	365817	14.98%	0.946%
55	9.098	1189	1192	1194	rVV	222902	184091	7.54%	0.476%

56	9.128	1194	1197	1203	rVV2	479369	515141	21.10%	1.332%
57	9.175	1203	1205	1210	rVV	558576	483266	19.79%	1.249%
58	9.263	1216	1220	1225	rVV	1322549	1271815	52.09%	3.288%
59	9.304	1225	1227	1229	rVV2	112723	130341	5.34%	0.337%
60	9.328	1229	1231	1234	rVV2	156390	177186	7.26%	0.458%

61	9.451	1247	1252	1255	rVB3	144484	192979	7.90%	0.499%
62	9.516	1260	1263	1265	rVV	294969	292424	11.98%	0.756%
63	9.539	1265	1267	1270	rVV2	205803	203243	8.32%	0.525%
64	9.580	1270	1274	1276	rVV4	437510	488900	20.02%	1.264%
65	9.604	1276	1278	1281	rVB2	168522	153410	6.28%	0.397%

66	9.639	1281	1284	1287	rBV	201519	173432	7.10%	0.448%
67	9.722	1295	1298	1302	rVB	166874	181677	7.44%	0.470%
68	9.786	1307	1309	1314	rVB	688934	618452	25.33%	1.599%
69	9.857	1318	1321	1324	rVV	1057090	923627	37.83%	2.388%
70	9.892	1324	1327	1330	rVB2	172164	145938	5.98%	0.377%

71	10.016	1344	1348	1352	rBV6	78987	144045	5.90%	0.372%
72	10.063	1352	1356	1360	rVV	211348	272448	11.16%	0.704%
73	10.104	1360	1363	1368	rVV3	123317	178465	7.31%	0.461%
74	10.286	1392	1394	1397	rVB	426963	324441	13.29%	0.839%
75	10.404	1411	1414	1420	rVB	353254	339741	13.91%	0.878%

76	10.510	1427	1432	1437	rVB	111328	158982	6.51%	0.411%
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 ClientSampleId :
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Integration Parameters: rteint.p

Integrator: RTE

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Stop Thrs : 0

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77	10.645	1453	1455	1461	rVB	288998	268473	11.00%	0.694%
78	10.763	1472	1475	1480	rBV	216195	285002	11.67%	0.737%
79	11.210	1546	1551	1553	rVV2	133011	130536	5.35%	0.337%
80	11.239	1553	1556	1563	rVB	149176	150631	6.17%	0.389%
81	11.345	1570	1574	1576	rBV	911848	824837	33.78%	2.132%
82	11.369	1576	1578	1582	rVV	1266848	1028455	42.12%	2.659%
83	11.421	1584	1587	1590	rVV	297172	252710	10.35%	0.653%
84	11.733	1637	1640	1643	rVV	146978	126316	5.17%	0.327%
85	11.845	1656	1659	1662	rBV	190721	172293	7.06%	0.445%
86	11.874	1662	1664	1669	rVB	242454	205406	8.41%	0.531%
87	11.957	1675	1678	1681	rVV	281215	308980	12.66%	0.799%
88	12.398	1749	1753	1755	rBV	124962	139315	5.71%	0.360%
89	12.421	1755	1757	1758	rVV	313132	245854	10.07%	0.636%
90	12.439	1758	1760	1765	rVV3	354623	353651	14.48%	0.914%
91	12.557	1777	1780	1785	rBV	785387	753824	30.87%	1.949%
92	12.786	1813	1819	1826	rBV	726971	871383	35.69%	2.253%
93	12.927	1838	1843	1846	rBV	573056	519391	21.27%	1.343%
94	13.116	1872	1875	1878	rVB	176605	168884	6.92%	0.437%
95	13.180	1884	1886	1889	rBV	150916	136751	5.60%	0.354%
96	13.986	2019	2023	2026	rBV2	1038236	1240413	50.80%	3.207%
97	14.015	2026	2028	2031	rVB	289812	240383	9.85%	0.621%
98	15.027	2197	2200	2207	rVB	238203	449720	18.42%	1.163%
99	15.392	2258	2262	2267	rBV	238189	304436	12.47%	0.787%
100	15.451	2268	2272	2284	rVB2	767802	1119505	45.85%	2.894%

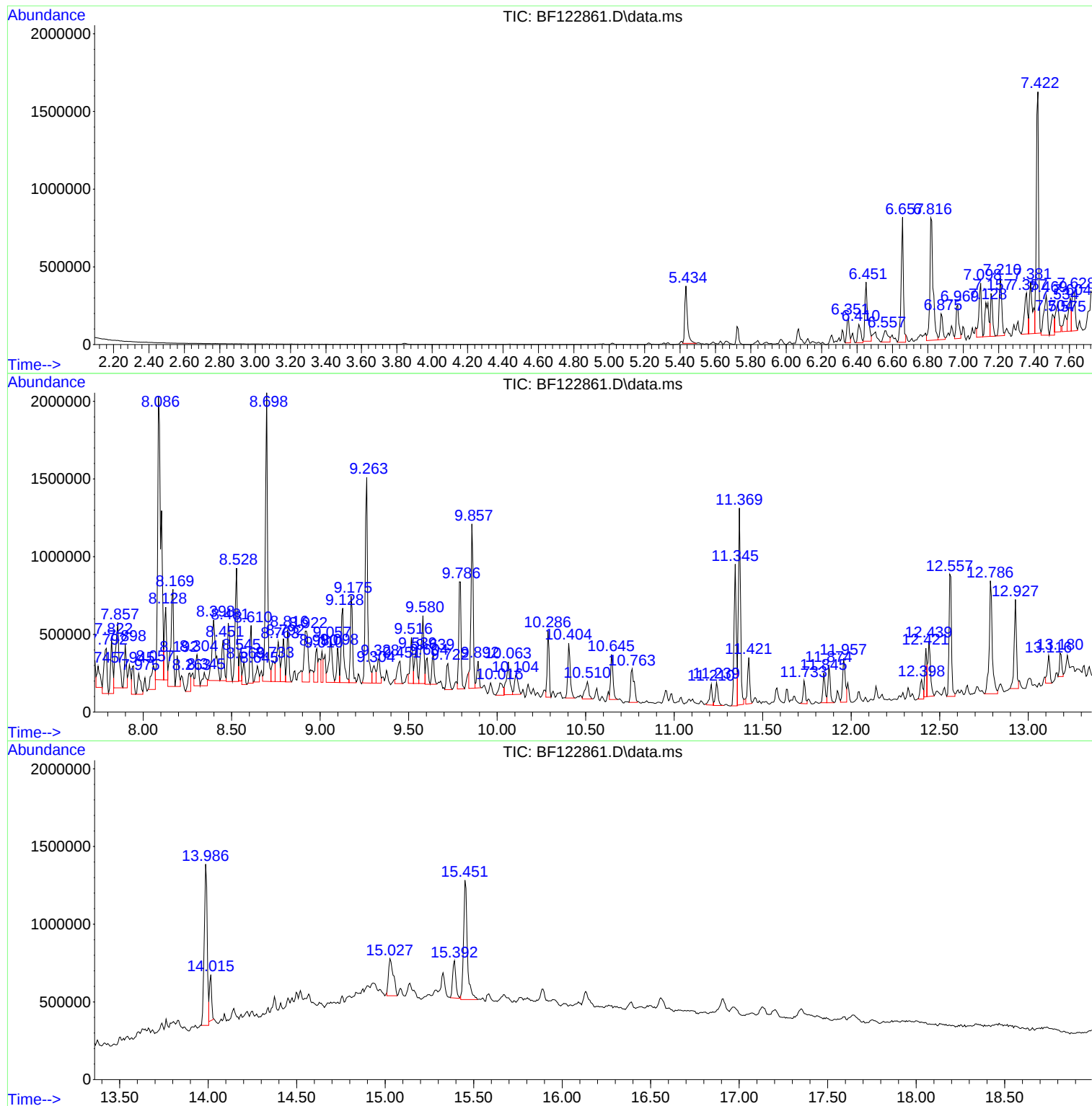
Sum of corrected areas: 38681780

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Instrument :
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EO-01-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
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Instrument :
BNA_F
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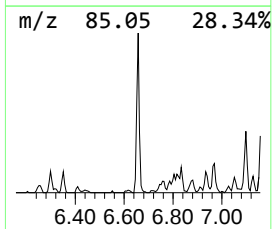
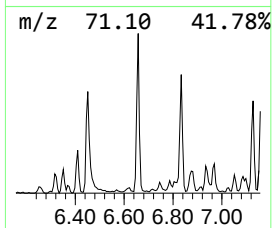
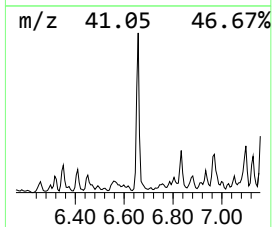
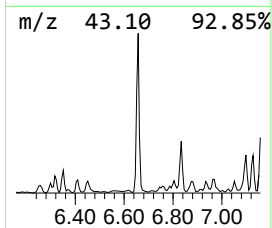
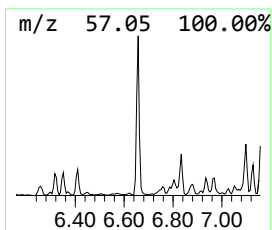
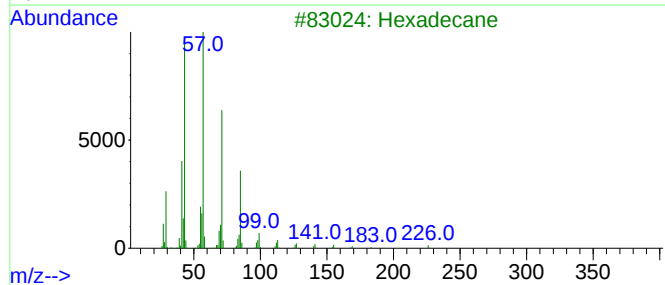
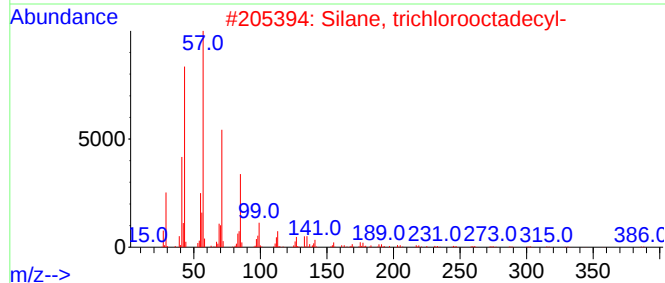
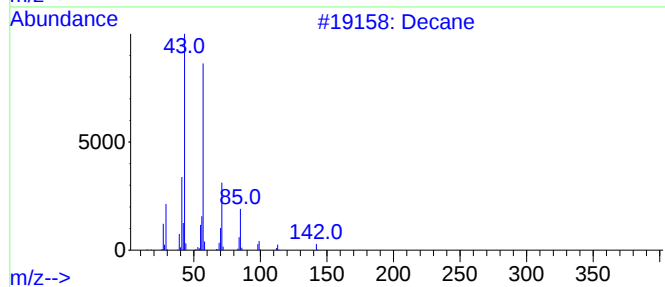
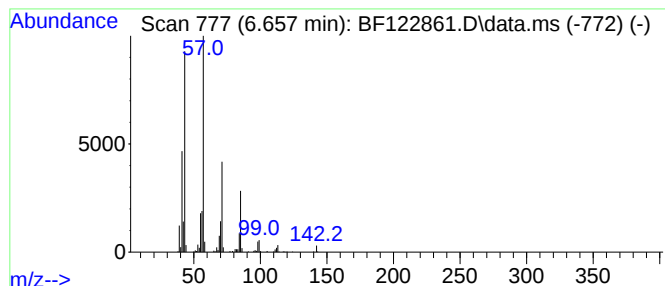
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	14.44 ng	712851	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3			Hexadecane	226	C16H34	000544-76-3	83
4			Nonane	128	C9H20	000111-84-2	80
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



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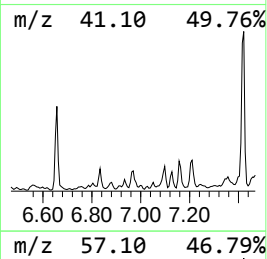
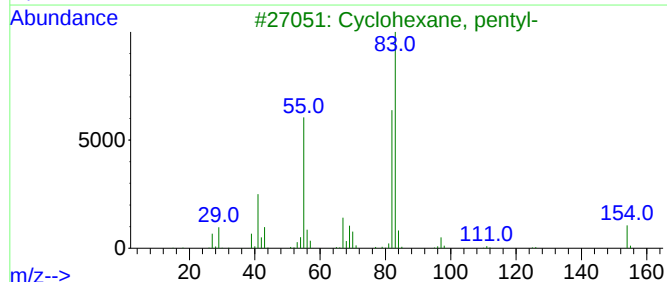
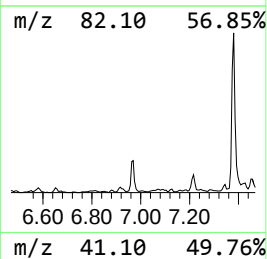
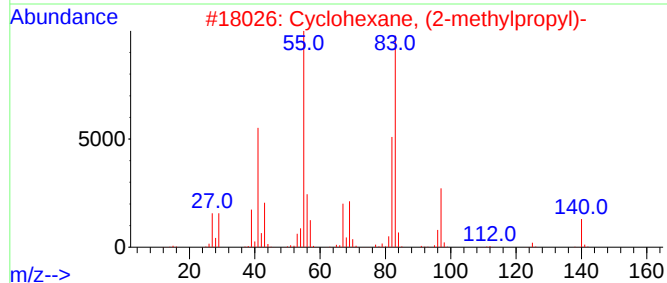
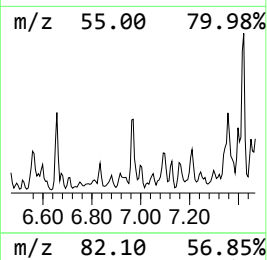
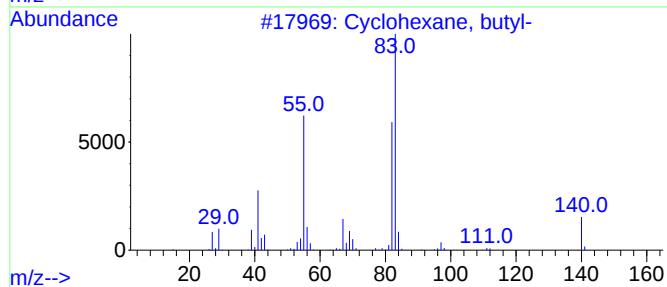
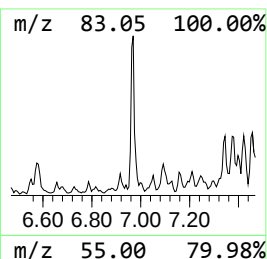
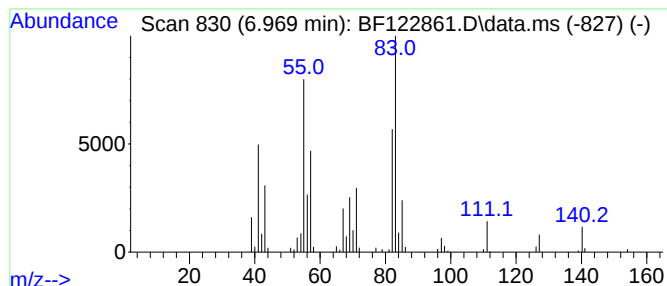
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	4.77 ng	235290	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	53



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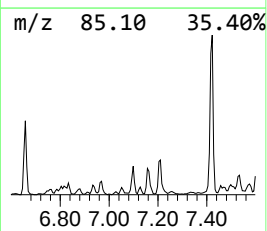
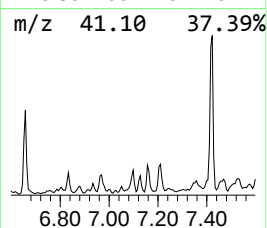
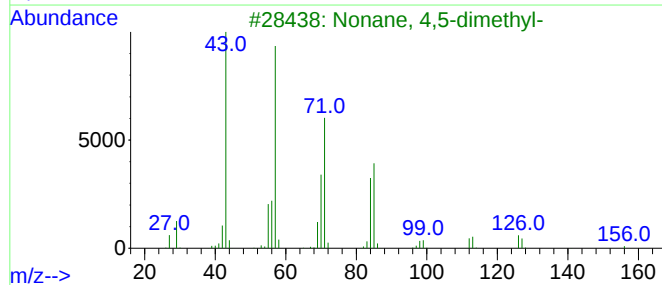
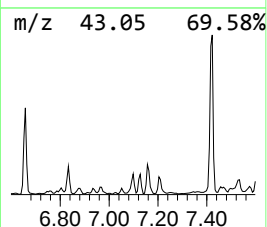
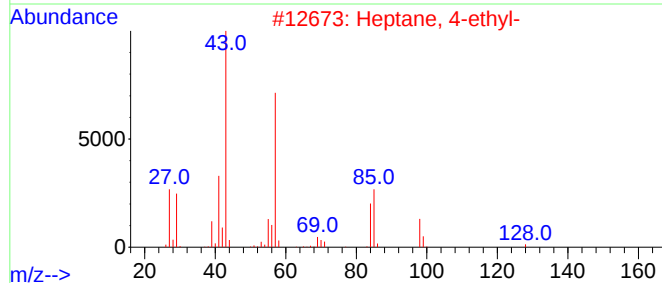
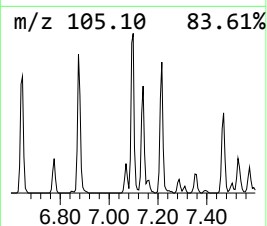
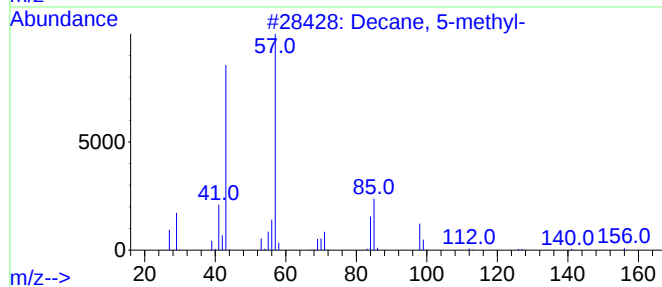
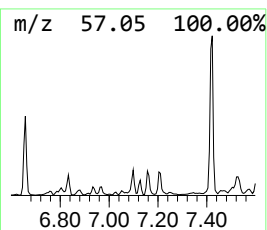
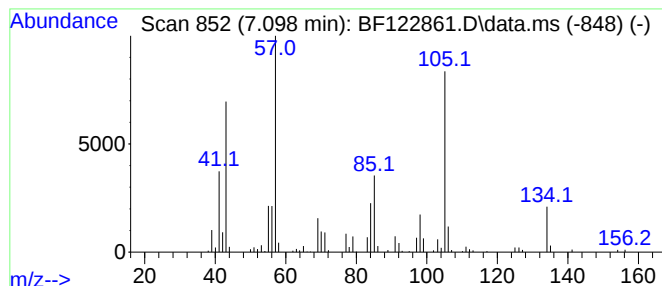
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.098 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	6.79 ng	335312	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	46
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38



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Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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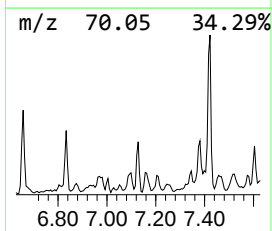
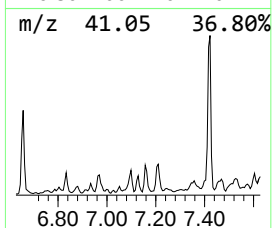
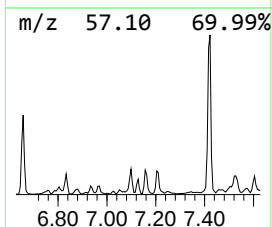
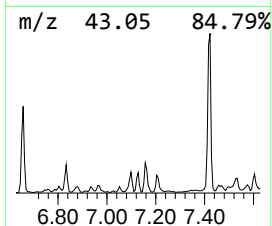
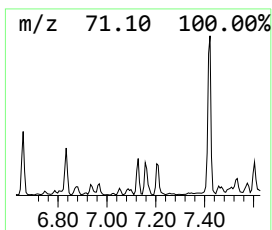
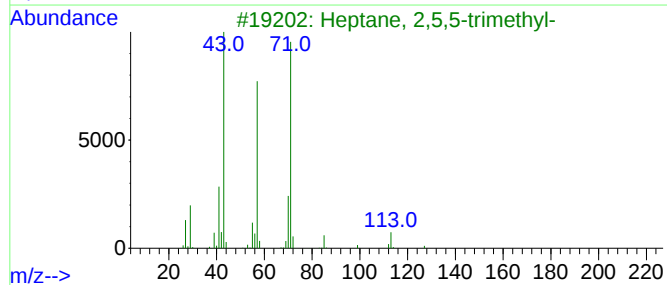
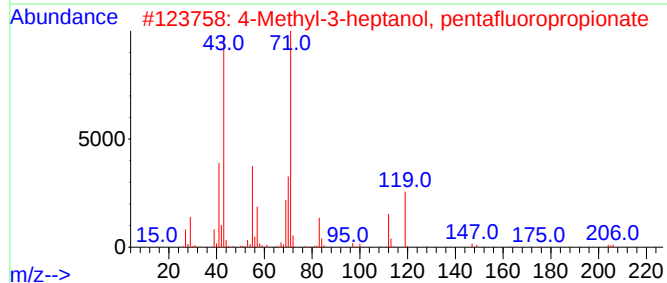
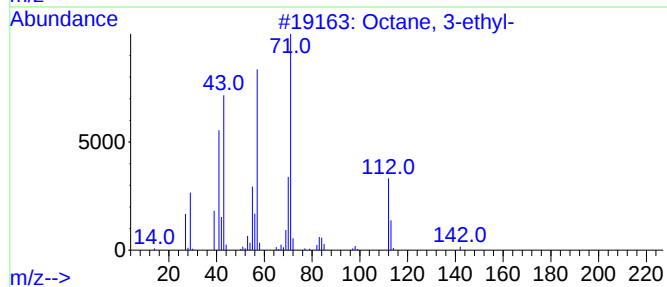
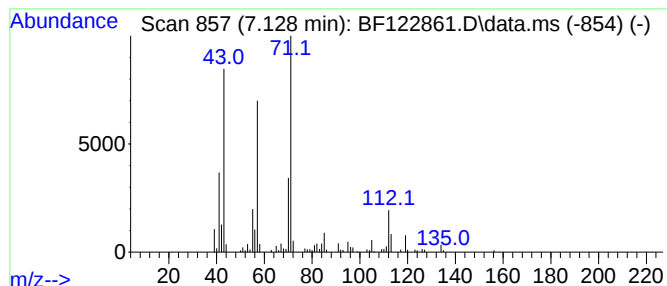
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 3-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	6.82 ng	336462	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-ethyl-	142	C10H22	005881-17-4	78
2			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	78
3			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
4			Decane, 4-methyl-	156	C11H24	002847-72-5	60
5			Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
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ClientSampleId :
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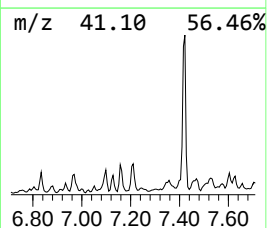
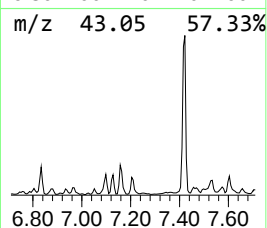
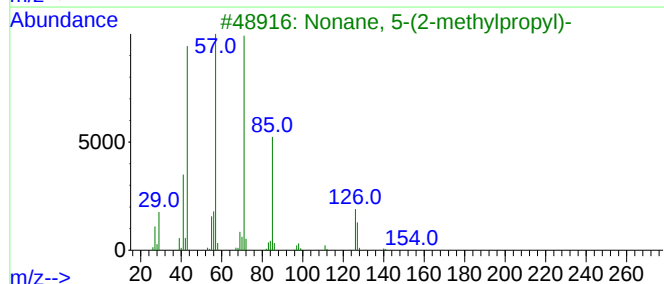
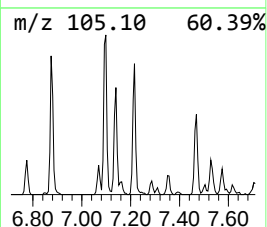
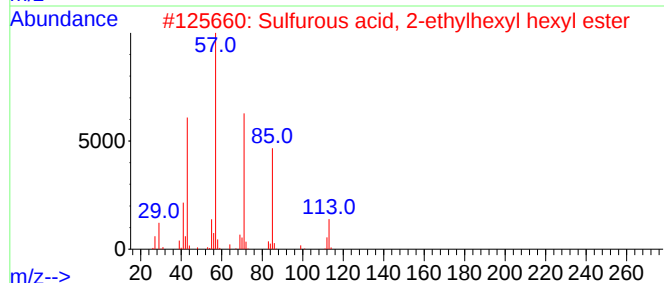
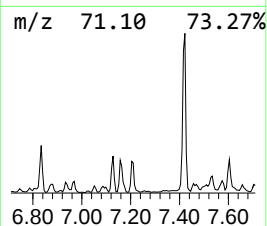
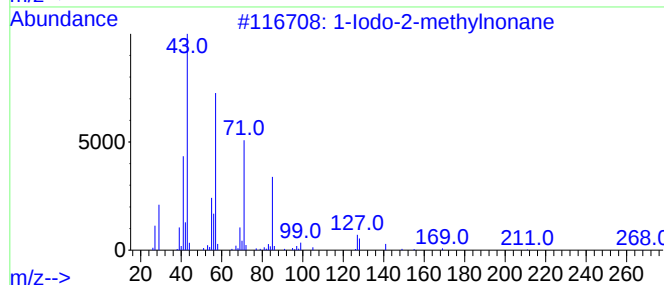
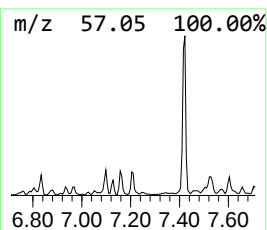
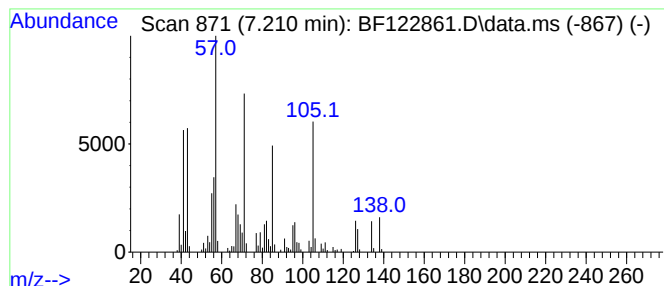
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Iodo-2-methylnonane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	7.77 ng	383667	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
4			Octane, 2-methyl-	128	C9H20	003221-61-2	43
5			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
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ClientSampleId :
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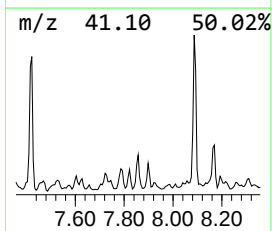
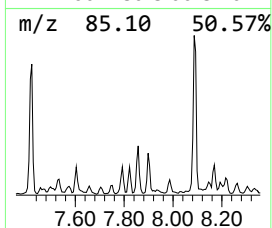
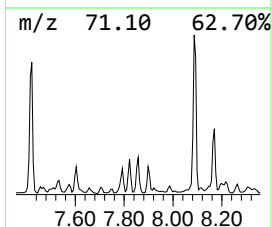
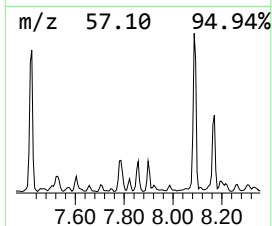
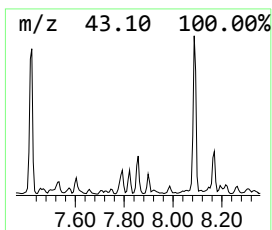
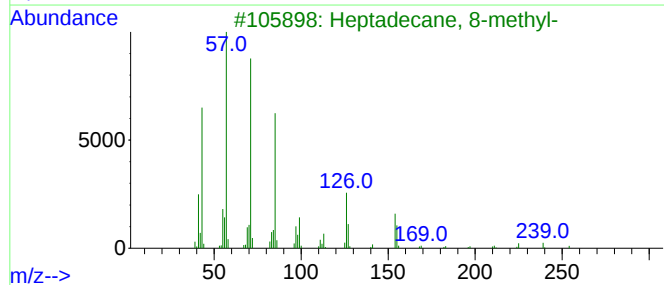
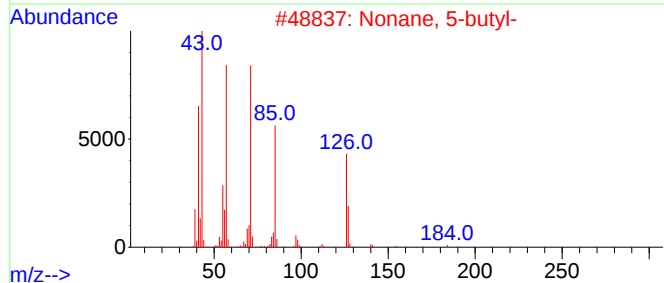
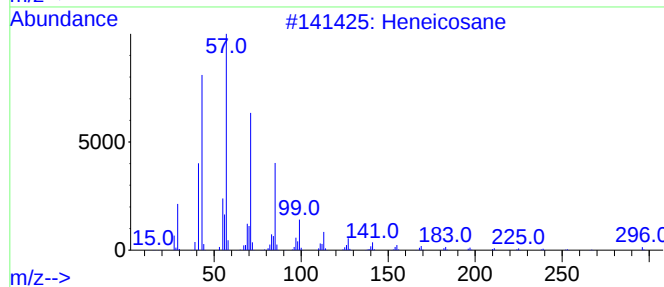
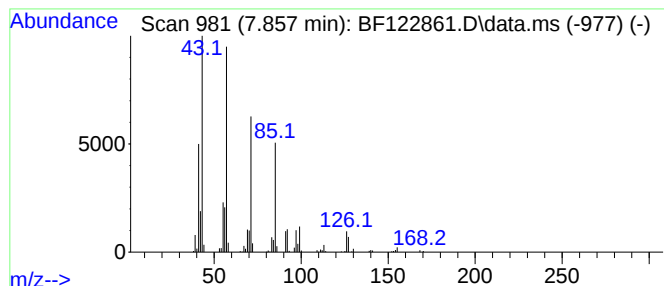
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	4.85 ng	591846	Naphthalene-d8	8.104

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	83
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
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Misc :
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Instrument :
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ClientSampleId :
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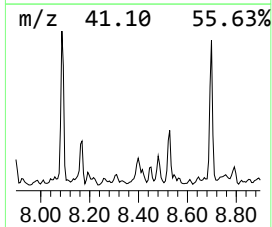
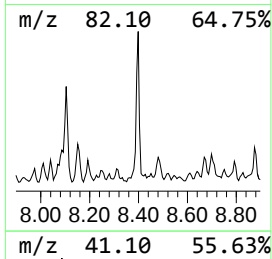
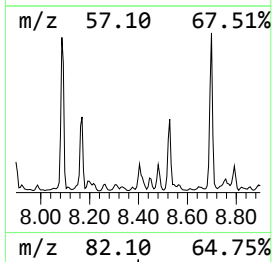
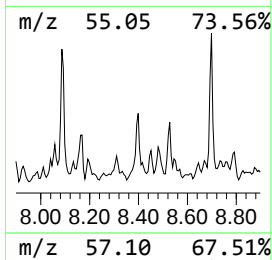
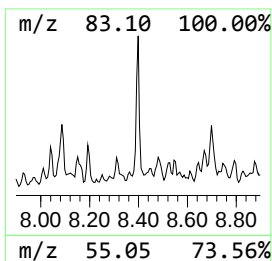
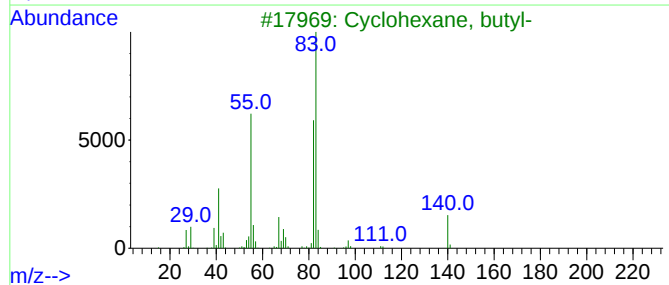
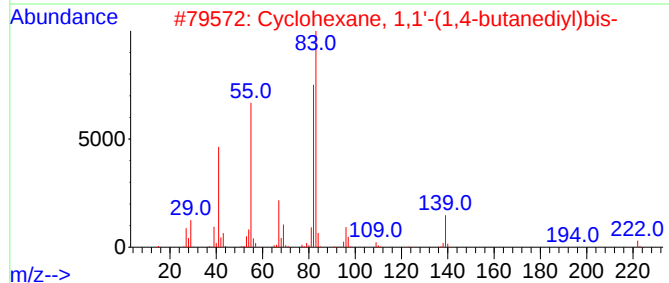
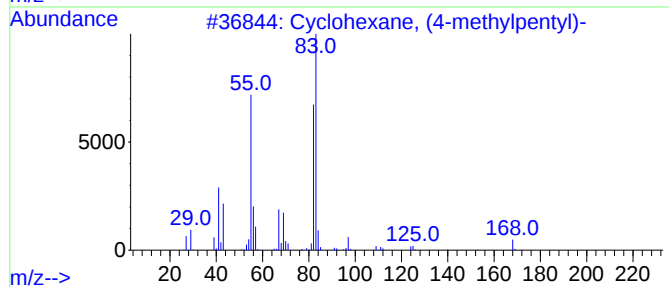
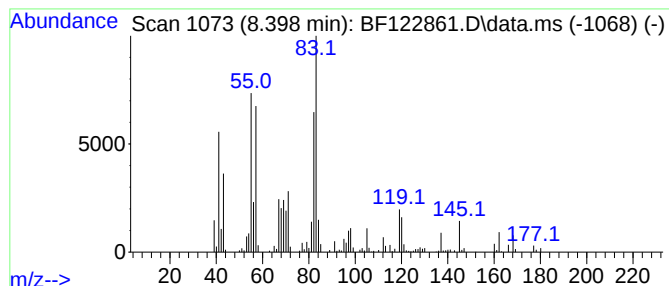
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	4.90 ng	598551	Naphthalene-d8	8.104

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	60
2		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	47
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
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Sample : L5197-01 5X
Misc :
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Instrument :
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ClientSampleId :
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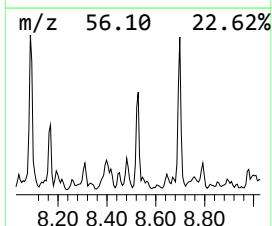
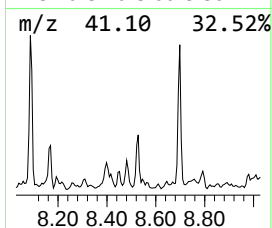
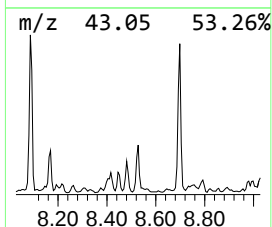
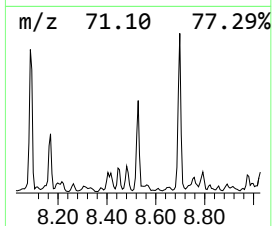
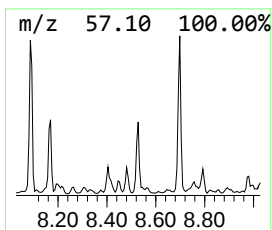
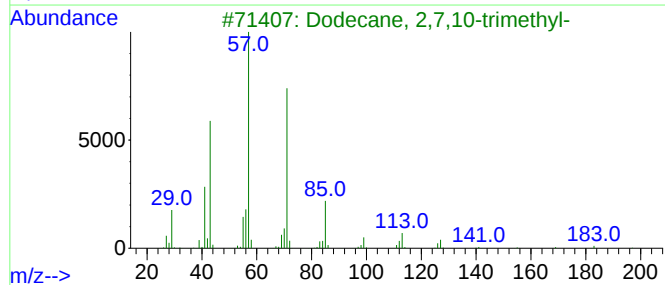
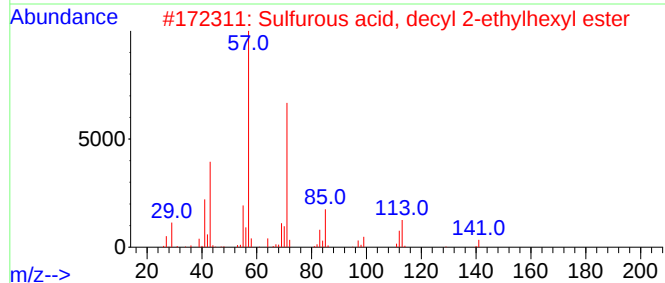
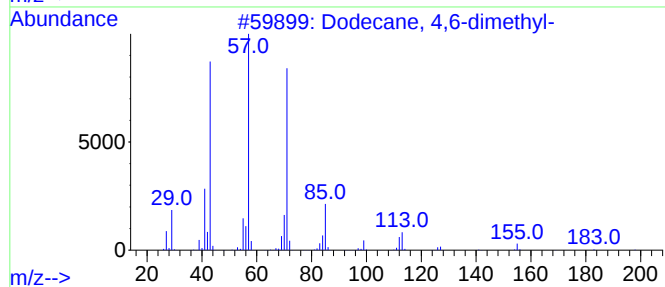
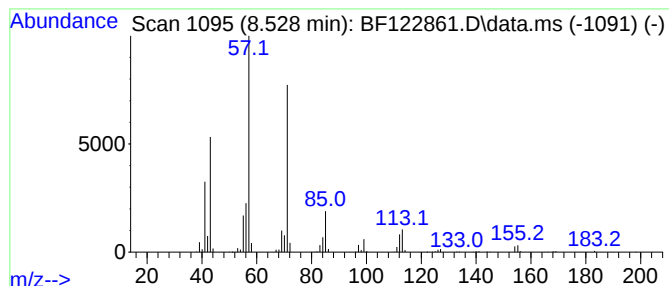
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	5.30 ng	647094	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
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ClientSampleId :
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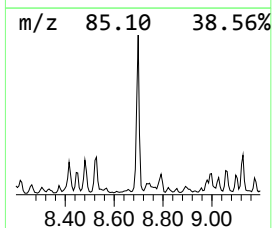
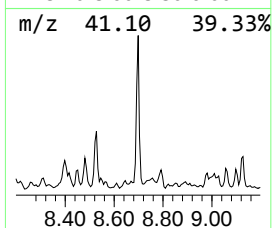
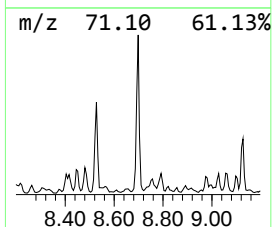
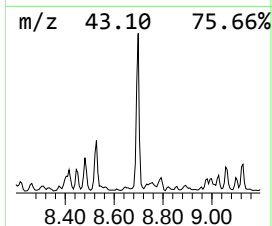
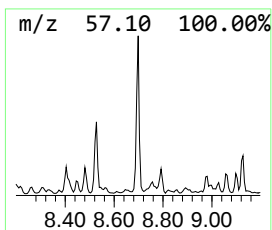
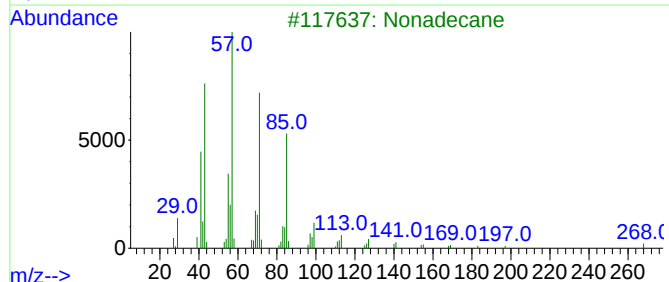
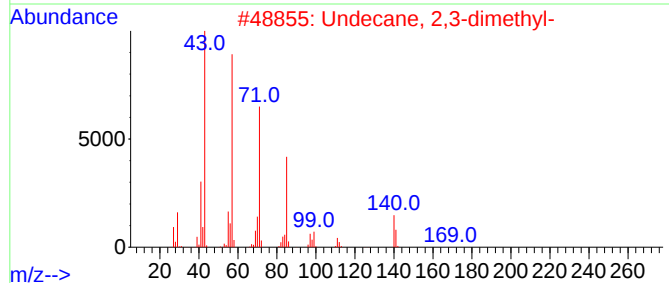
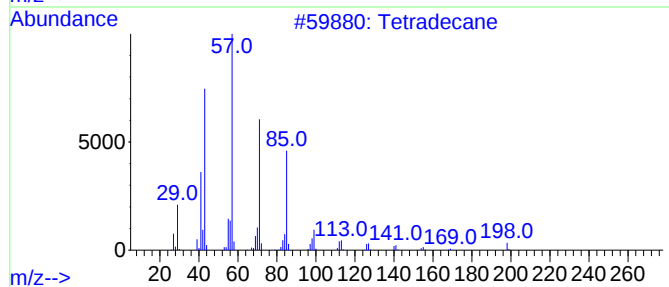
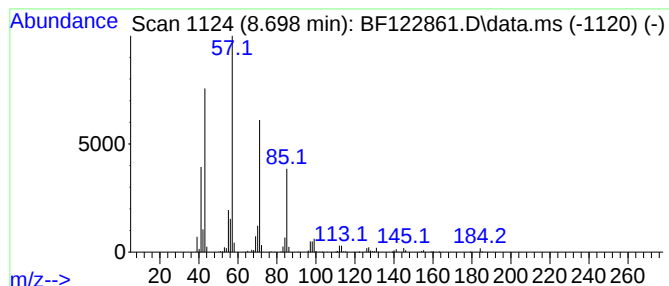
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	12.76 ng	1557780	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			Tridecane	184	C13H28	000629-50-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
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ALS Vial : 15 Sample Multiplier: 1

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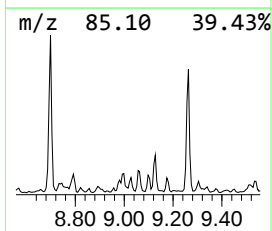
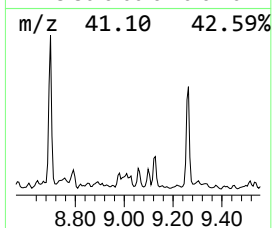
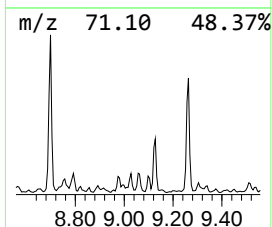
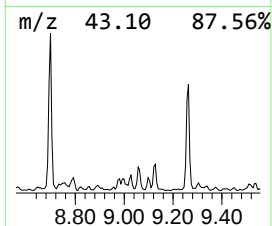
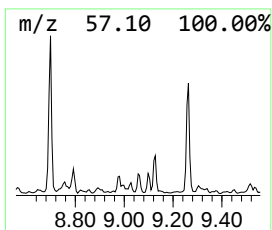
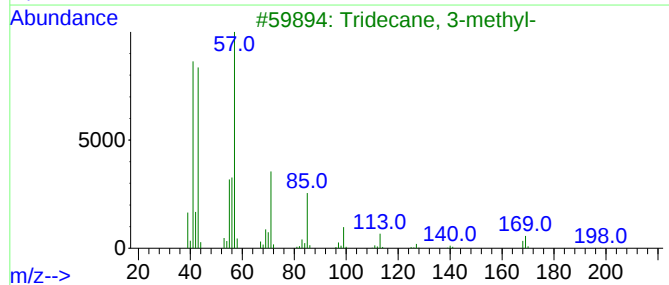
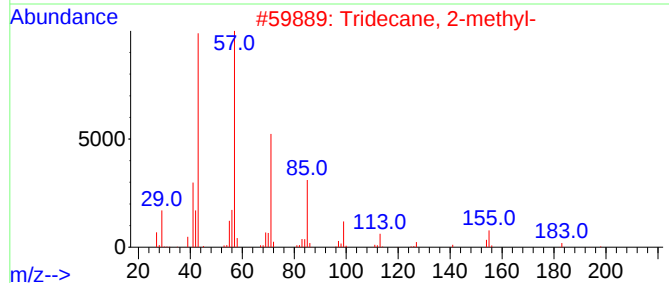
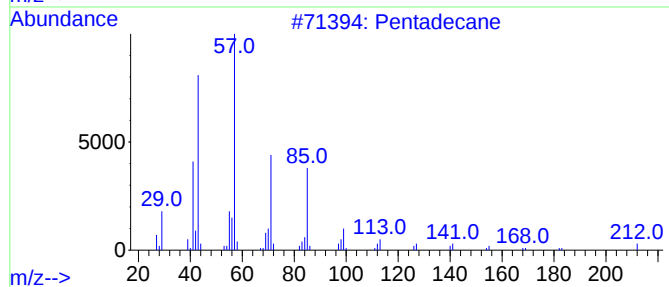
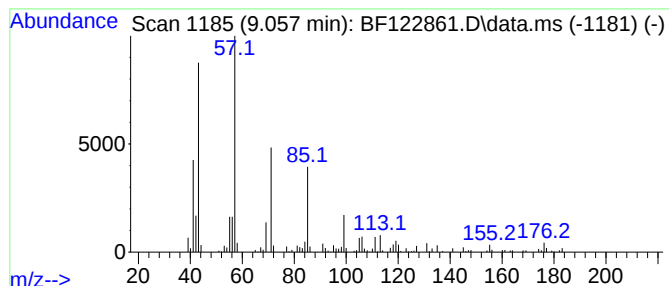
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	7.92 ng	365817	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	72
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4		1-Iodoundecane	282	C11H23I	004282-44-4	64
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

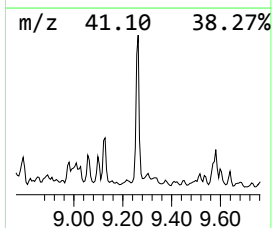
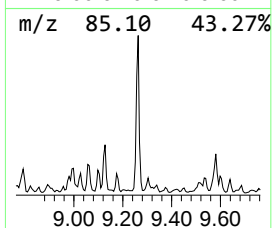
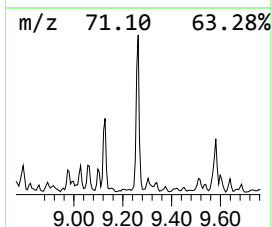
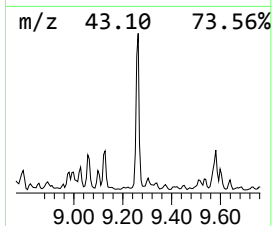
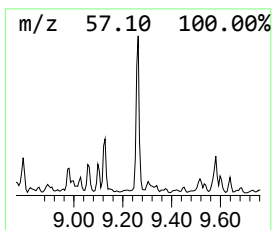
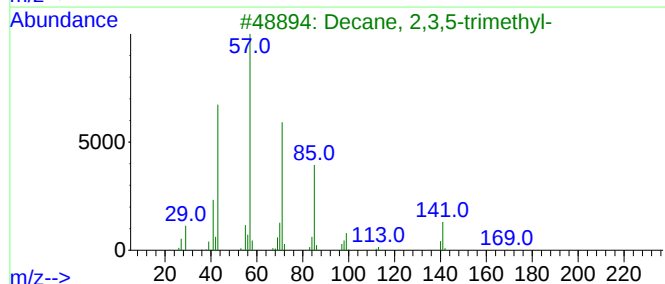
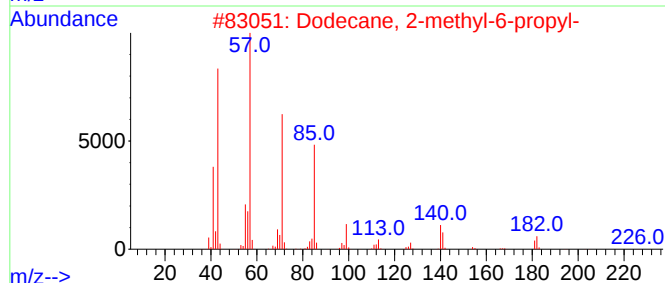
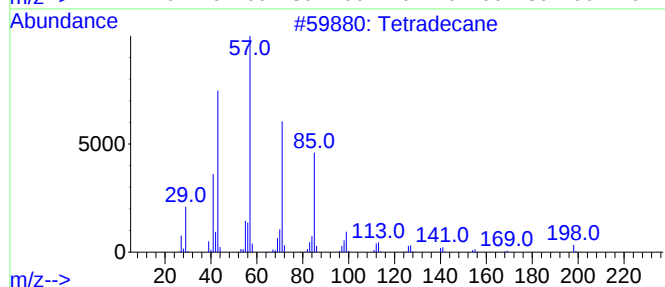
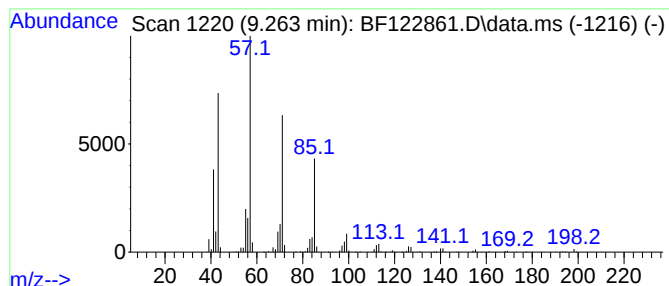
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	27.54 ng	1271820	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4			Hexadecane	226	C16H34	000544-76-3	72
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

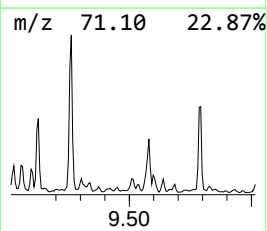
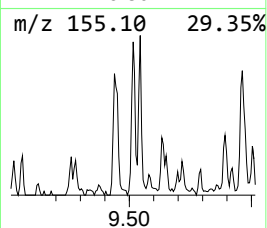
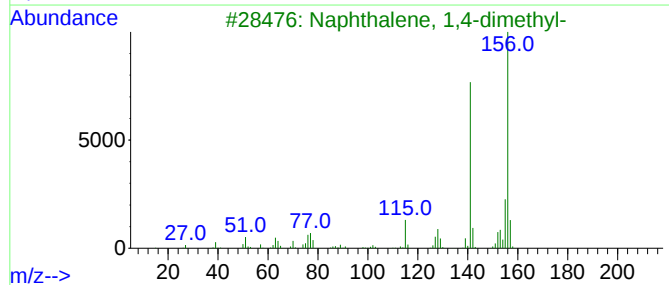
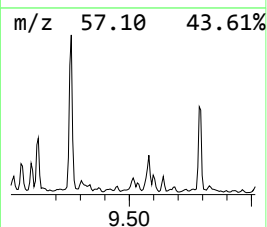
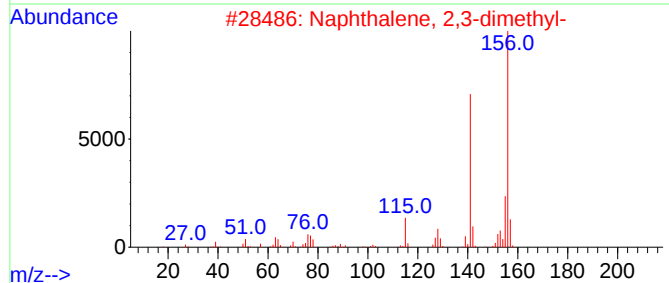
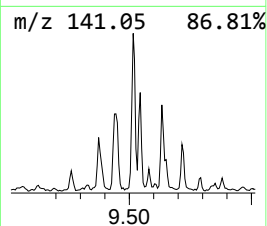
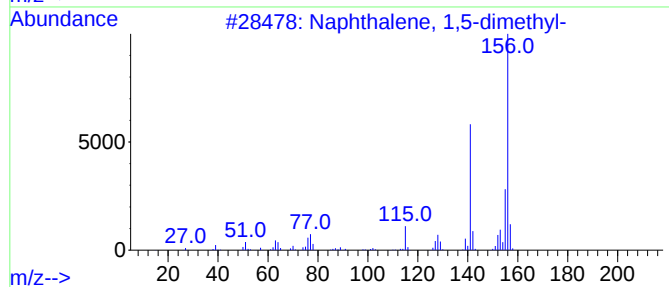
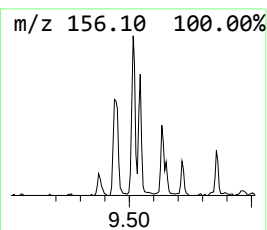
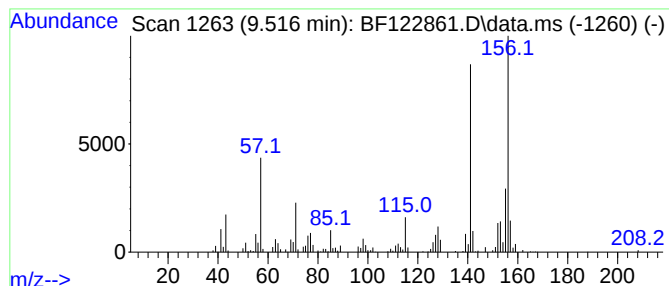
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	6.33 ng	292424	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

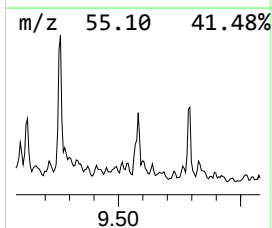
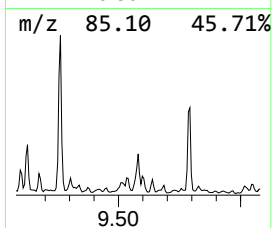
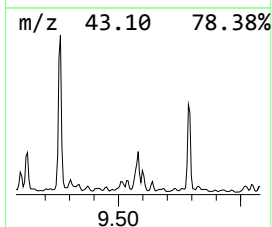
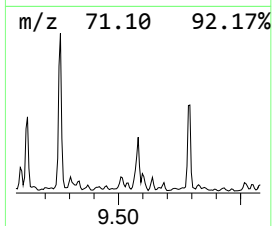
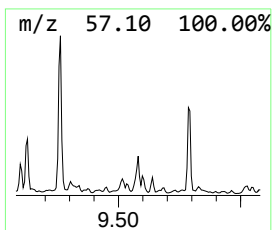
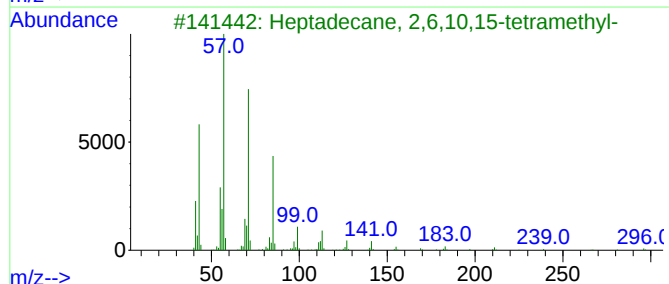
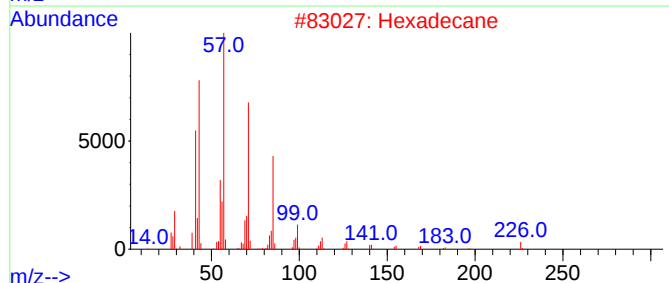
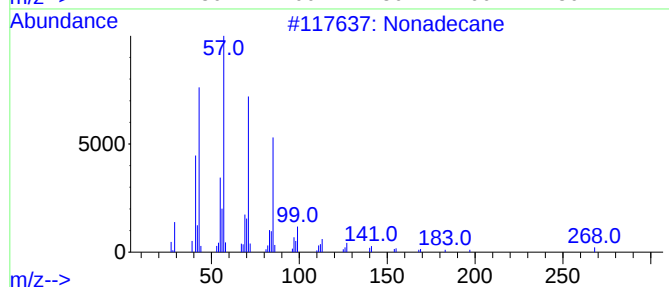
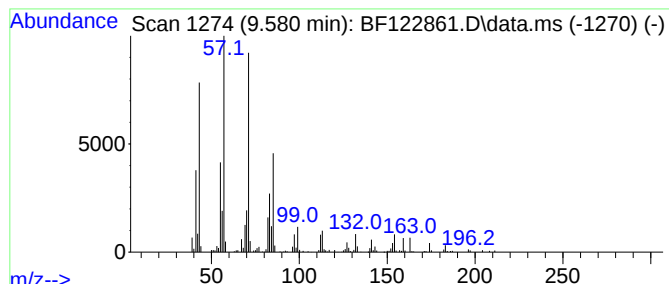
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	10.59 ng	488900	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	86
2		Hexadecane	226	C16H34	000544-76-3	72
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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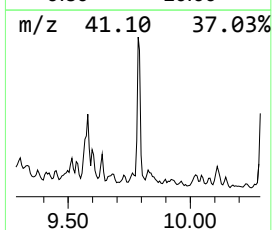
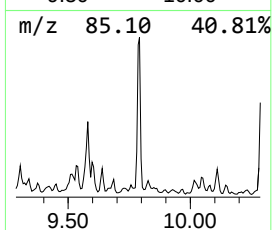
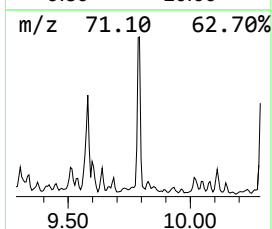
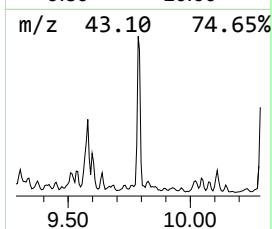
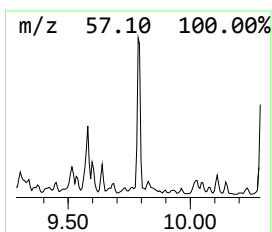
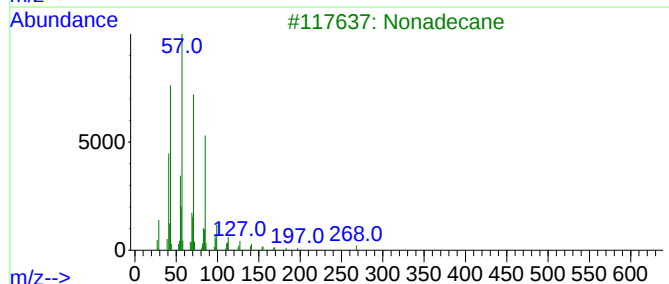
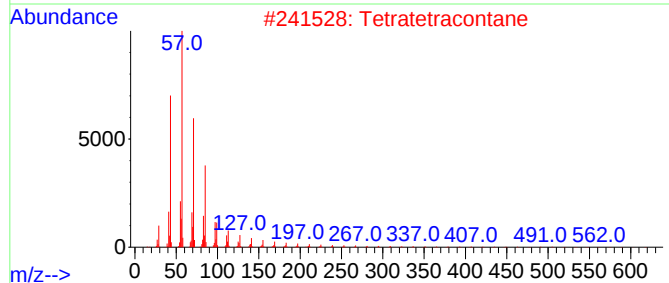
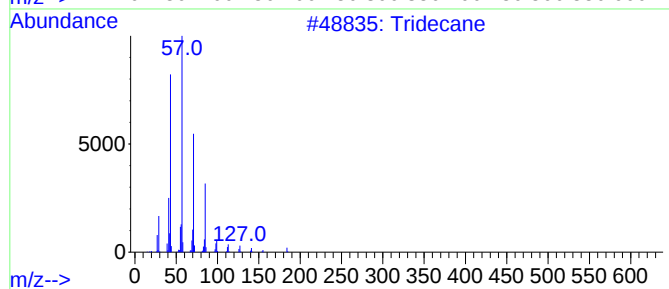
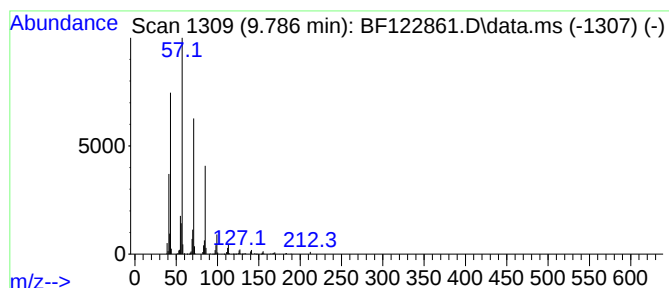
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	13.39 ng	618452	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Nonadecane	268	C19H40	000629-92-5	83
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

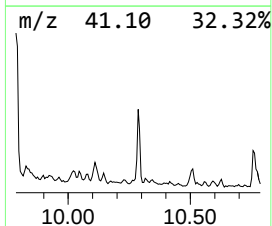
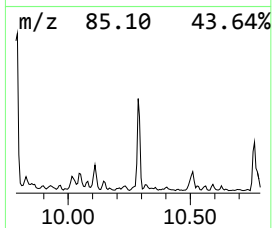
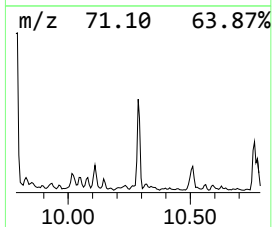
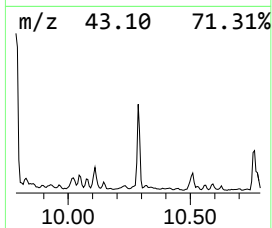
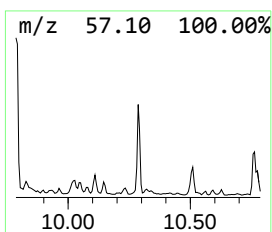
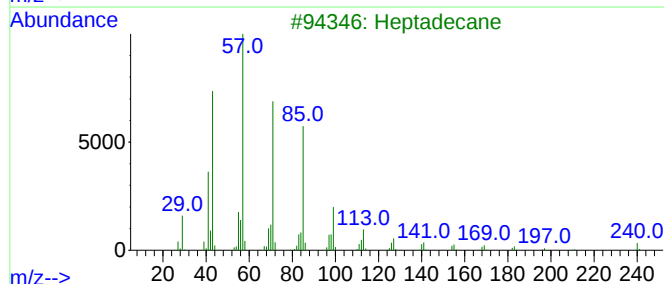
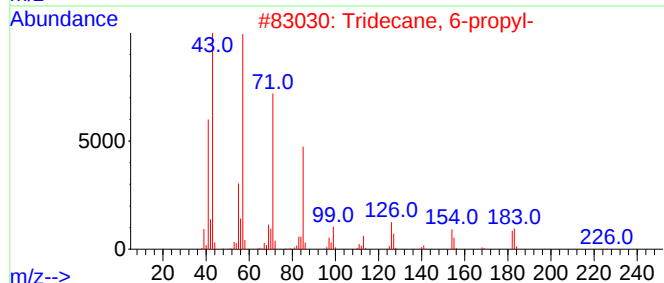
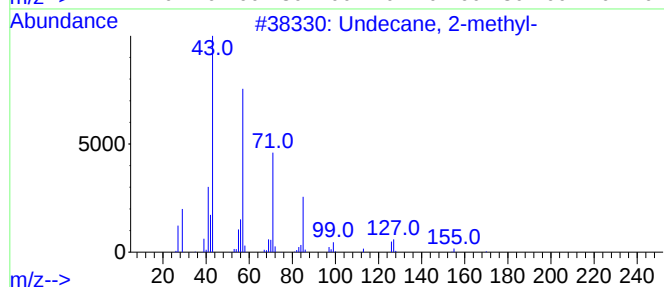
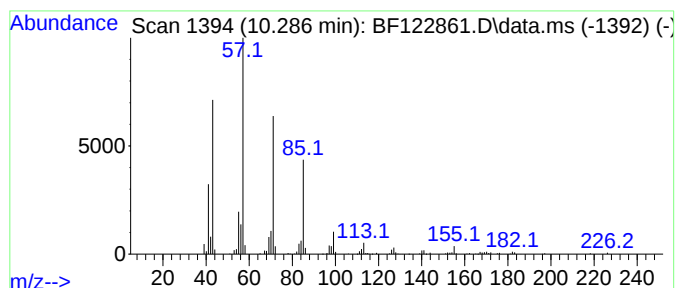
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	7.03 ng	324441	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2-methyl-	170	C12H26	007045-71-8	90
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

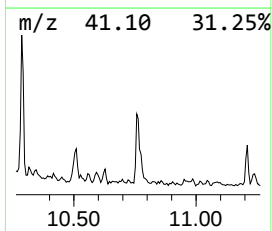
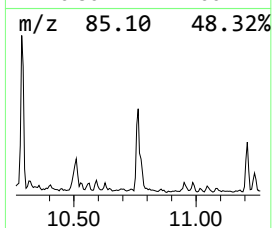
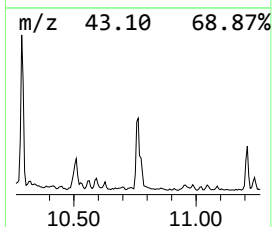
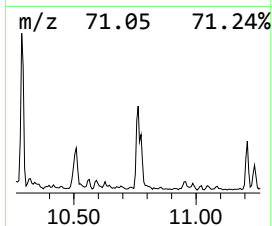
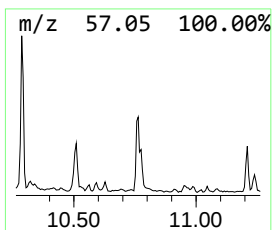
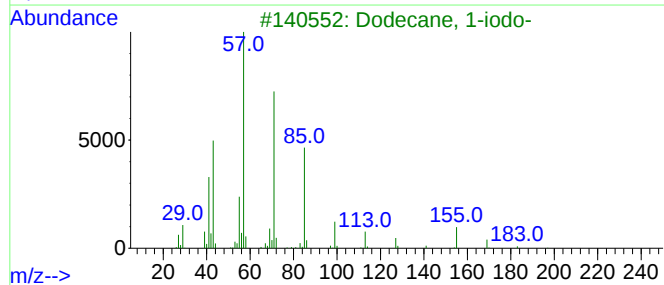
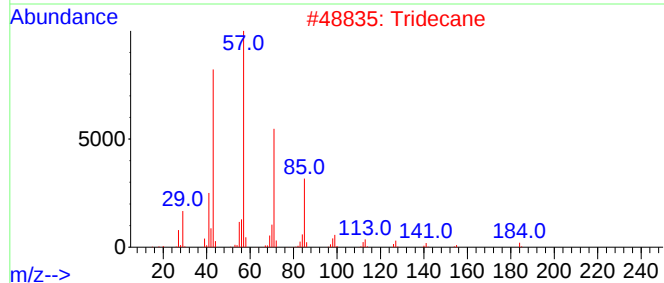
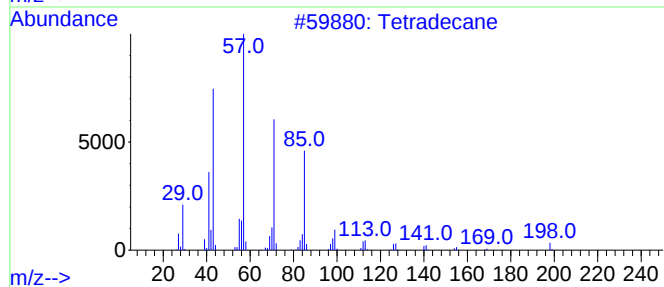
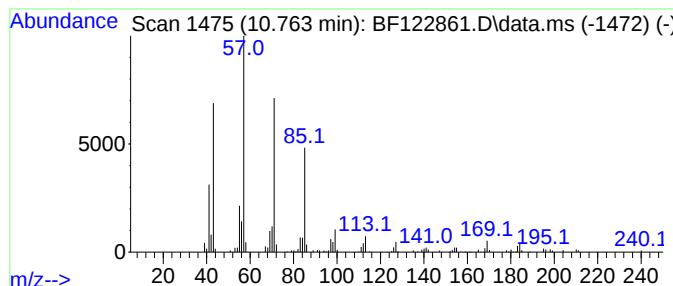
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	6.91 ng	285002	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tridecane	184	C13H28	000629-50-5	89
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

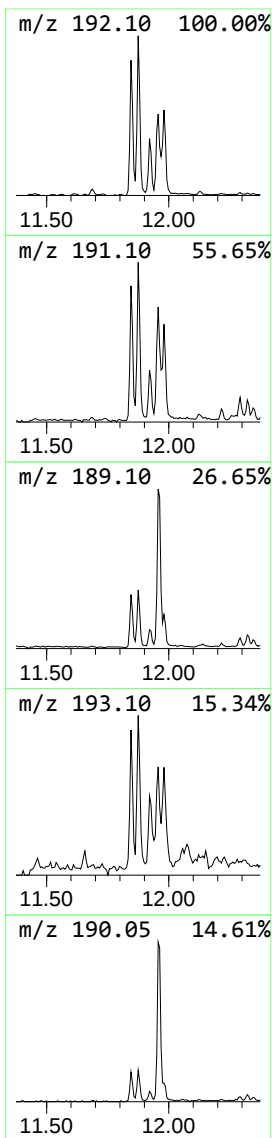
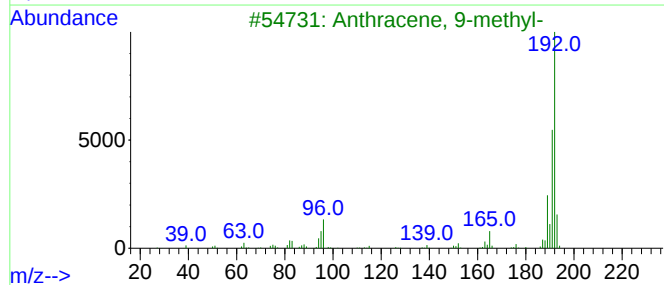
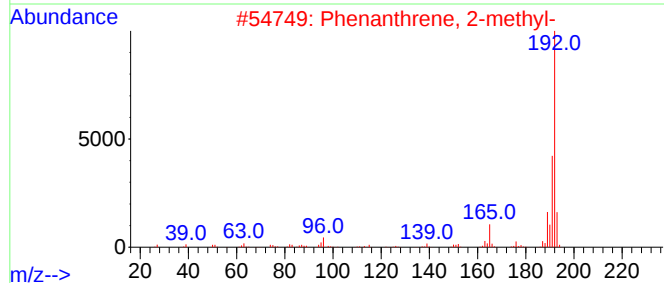
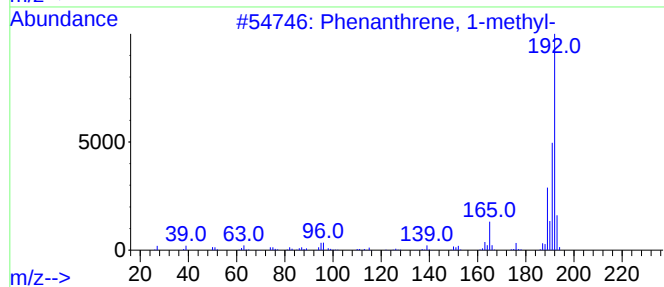
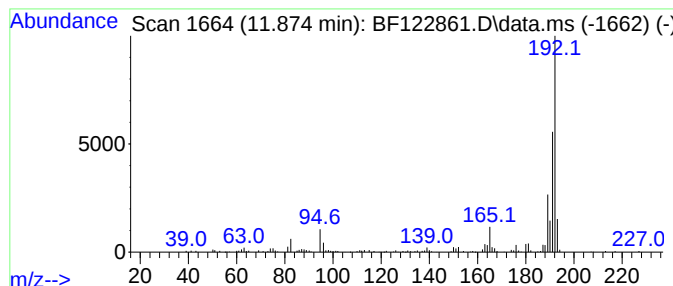
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BNA_F
ClientSampleId :
EO-01-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.874	4.98 ng	205406	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
3	Anthracene, 9-methyl-		192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

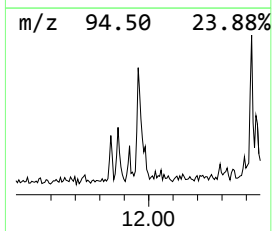
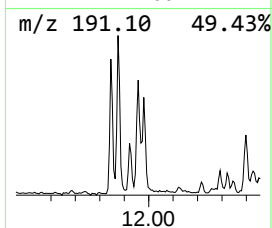
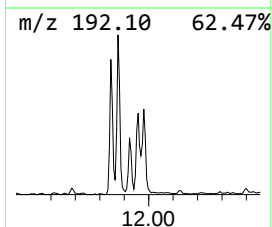
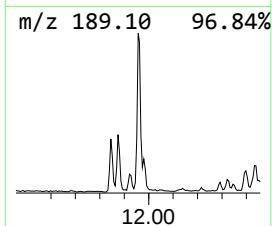
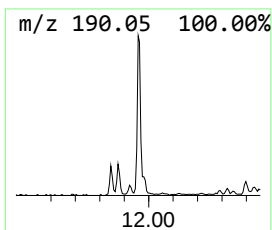
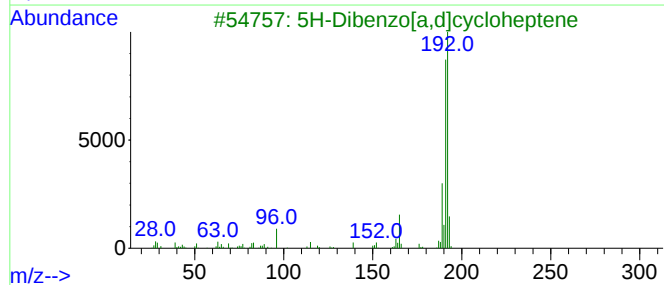
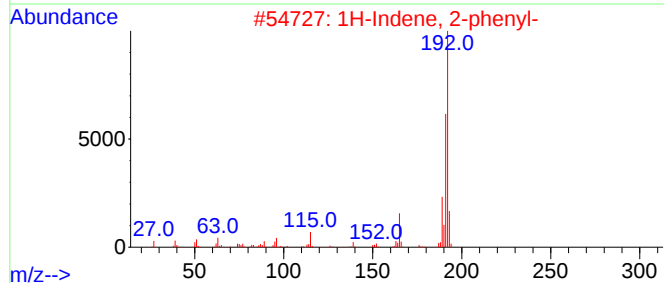
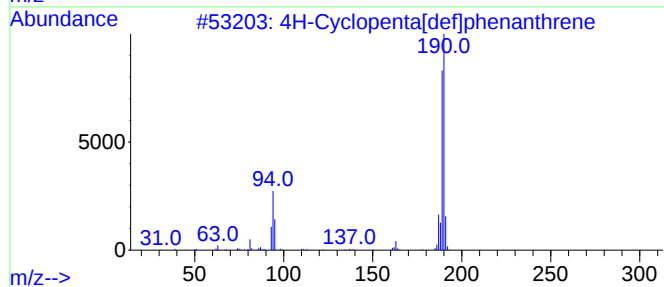
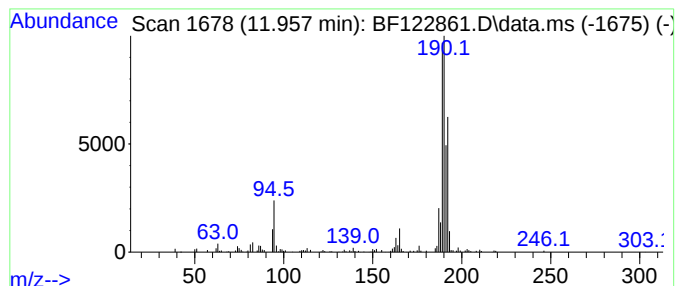
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	7.49 ng	308980	Phenanthrene-d10	11.345

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

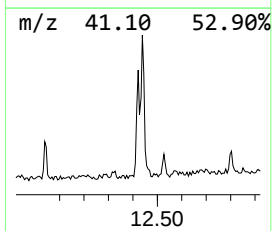
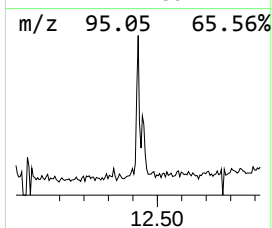
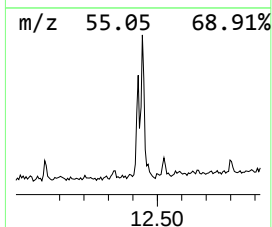
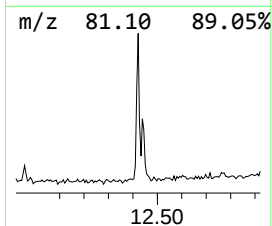
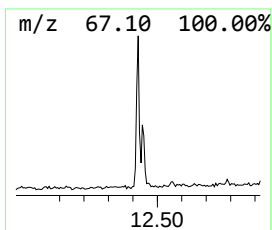
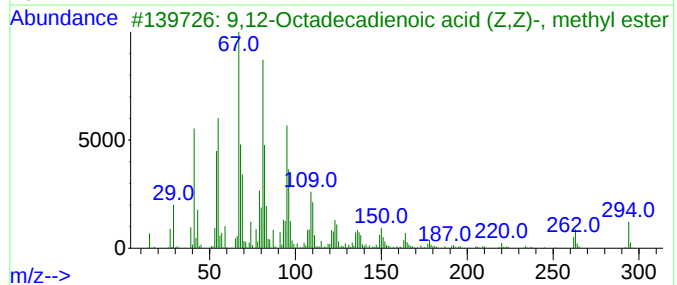
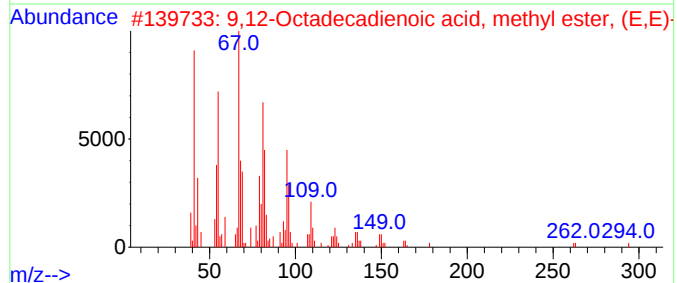
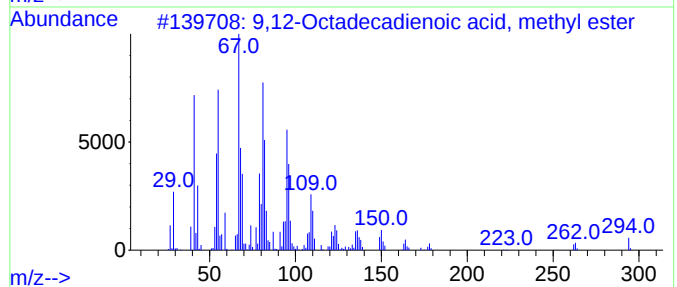
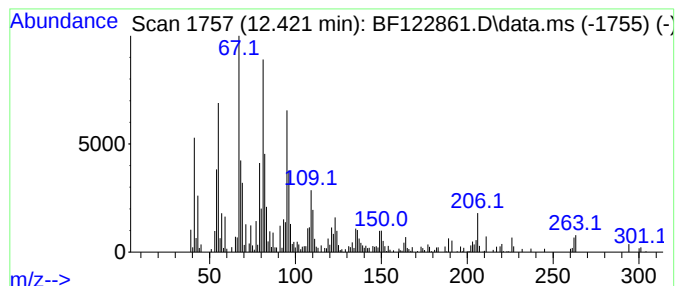
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	5.96 ng	245854	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

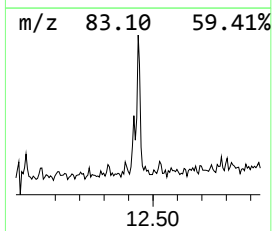
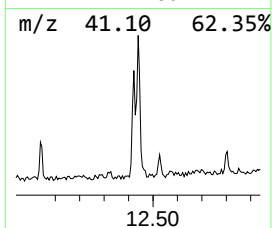
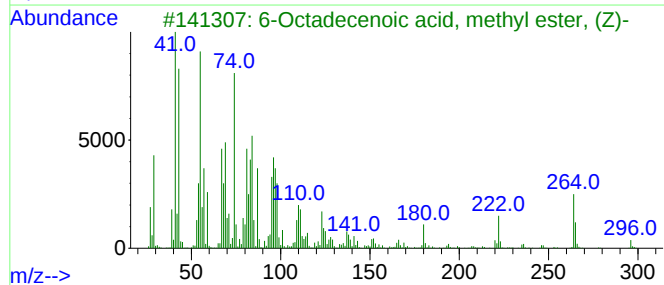
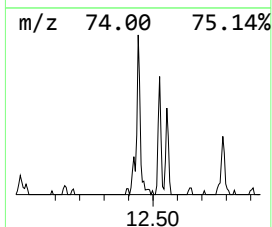
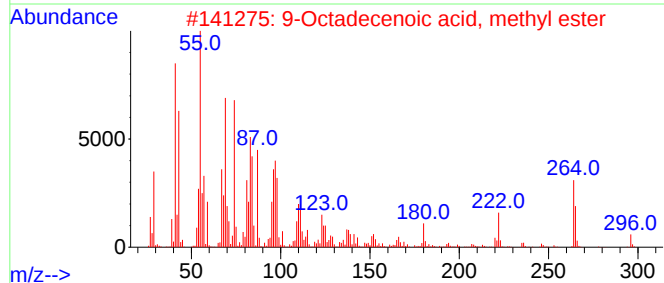
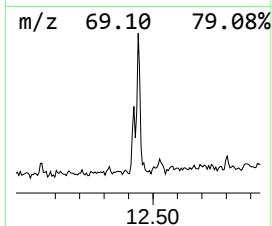
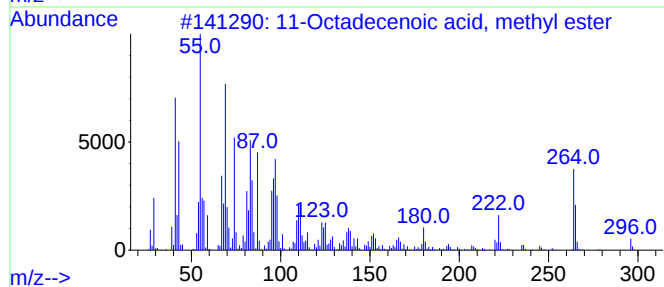
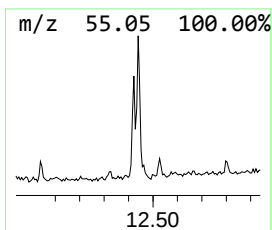
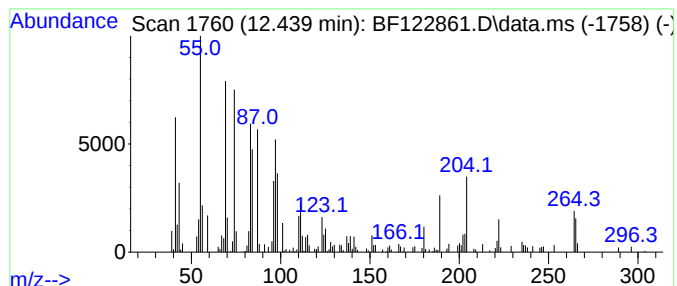
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 11-Octadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	8.58 ng	353651	Phenanthrene-d10	11.345

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	89
3		6-Octadecenoic acid, methyl ester...	296	C19H36O2	002777-58-4	89
4		10-Octadecenoic acid, methyl ester...	296	C19H36O2	013038-45-4	83
5		11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122861.D
Acq On : 24 Dec 2020 18:14
Operator : JU/CG
Sample : L5197-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
Decane	6.657	14.4	ng	712851	1	6.822	987343	20.0
Cyclohexane, bu...	6.969	4.8	ng	235290	1	6.822	987343	20.0
unknown7.098	7.098	6.8	ng	335312	1	6.822	987343	20.0
Octane, 3-ethyl-	7.128	6.8	ng	336462	1	6.822	987343	20.0
1-Iodo-2-methyl...	7.210	7.8	ng	383667	1	6.822	987343	20.0
Heneicosane	7.857	4.8	ng	591846	2	8.104	2441550	20.0
Cyclohexane, (4...	8.398	4.9	ng	598551	2	8.104	2441550	20.0
Dodecane, 4,6-d...	8.528	5.3	ng	647094	2	8.104	2441550	20.0
Tetradecane	8.698	12.8	ng	1557780	2	8.104	2441550	20.0
Pentadecane	9.057	7.9	ng	365817	3	9.857	923627	20.0
Dodecane, 2-met...	9.263	27.5	ng	1271820	3	9.857	923627	20.0
Naphthalene, 1,...	9.516	6.3	ng	292424	3	9.857	923627	20.0
Nonadecane	9.580	10.6	ng	488900	3	9.857	923627	20.0
Tridecane	9.786	13.4	ng	618452	3	9.857	923627	20.0
Undecane, 2-met...	10.286	7.0	ng	324441	3	9.857	923627	20.0
Dodecane, 1-iodo-	10.763	6.9	ng	285002	4	11.345	824837	20.0
Phenanthrene, 1...	11.874	5.0	ng	205406	4	11.345	824837	20.0
4H-Cyclopenta[d...	11.957	7.5	ng	308980	4	11.345	824837	20.0
9,12-Octadecadi...	12.421	6.0	ng	245854	4	11.345	824837	20.0
11-Octadecenoic...	12.439	8.6	ng	353651	4	11.345	824837	20.0