

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128810.D
 Acq On : 14 Jun 2022 20:14
 Operator : CG\JU
 Sample : N3334-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-7

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-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	451	456	460	rBV2	419612	484228	7.22%	0.391%
2	5.169	485	490	494	rBV	447831	524386	7.82%	0.423%
3	5.357	519	522	528	rVB2	446330	593816	8.86%	0.479%
4	5.416	528	532	536	rBV	1105065	1117467	16.67%	0.902%
5	5.540	549	553	558	rBV3	350929	559357	8.34%	0.451%
6	5.581	558	560	563	rVV	539106	474766	7.08%	0.383%
7	5.622	563	567	574	rVV3	397851	620457	9.26%	0.501%
8	5.793	590	596	600	rVB3	534781	831293	12.40%	0.671%
9	5.845	600	605	607	rBV	383934	523496	7.81%	0.422%
10	5.928	616	619	624	rVB3	837618	998594	14.90%	0.806%
11	6.028	632	636	642	rVV2	1832139	2337165	34.87%	1.886%
12	6.081	642	645	647	rVV	924540	780984	11.65%	0.630%
13	6.216	662	668	671	rBV	991844	1226948	18.30%	0.990%
14	6.275	676	678	681	rVB	612697	492018	7.34%	0.397%
15	6.310	681	684	686	rBV2	1258030	1304202	19.46%	1.052%
16	6.381	692	696	702	rBV3	426830	738460	11.02%	0.596%
17	6.434	702	705	711	rBV4	1546657	1893613	28.25%	1.528%
18	6.522	715	720	724	rBV4	773029	1421802	21.21%	1.147%
19	6.616	732	736	738	rBV3	848974	1086441	16.21%	0.877%
20	6.792	760	766	771	rVB3	1337955	2109488	31.47%	1.702%
21	6.840	771	774	776	rBV	1004950	893345	13.33%	0.721%
22	6.928	786	789	793	rBV	1522813	1451945	21.66%	1.172%
23	7.057	808	811	814	rVB3	1197369	1280503	19.10%	1.033%
24	7.098	814	818	820	rBV2	675319	880960	13.14%	0.711%
25	7.175	827	831	834	rBV2	1134655	1072874	16.01%	0.866%
26	7.316	850	855	858	rBV2	1199620	1757065	26.21%	1.418%
27	7.345	858	860	864	rVV3	863077	1021255	15.24%	0.824%
28	7.381	864	866	869	rVB	1295651	1010627	15.08%	0.815%
29	7.428	869	874	877	rVB4	1085017	1582534	23.61%	1.277%
30	7.469	877	881	882	rBV4	576696	660760	9.86%	0.533%
31	7.492	883	885	889	rVB3	600000	559602	8.35%	0.452%
32	7.563	894	897	899	rBV2	694038	823798	12.29%	0.665%
33	7.587	899	901	904	rVB2	1060584	1021306	15.24%	0.824%
34	7.669	911	915	916	rBV2	486099	537929	8.02%	0.434%
35	7.687	916	918	920	rVV2	895651	816825	12.19%	0.659%
36	7.704	920	921	925	rVB4	951618	785096	11.71%	0.634%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.751	925	929	931	rVB3	618635	752846	11.23%	0.607%
38	7.804	936	938	946	rVB4	788023	1441540	21.51%	1.163%
39	7.886	949	952	957	rVB5	660739	816891	12.19%	0.659%
40	7.934	957	960	964	rBV2	519972	685917	10.23%	0.553%
41	8.022	969	975	977	rBV5	764313	1239636	18.49%	1.000%
42	8.051	977	980	985	rVV4	2337848	2826491	42.17%	2.281%
43	8.092	985	987	989	rVV2	564520	522404	7.79%	0.422%
44	8.134	989	994	996	rVB	2779616	2753970	41.08%	2.222%
45	8.157	996	998	1001	rBV	796044	677295	10.10%	0.547%
46	8.222	1006	1009	1011	rBV4	519954	597946	8.92%	0.482%
47	8.275	1015	1018	1020	rVB2	647943	645690	9.63%	0.521%
48	8.363	1025	1033	1035	rBV5	1737819	2625686	39.17%	2.119%
49	8.416	1039	1042	1045	rBV3	798250	610419	9.11%	0.493%
50	8.451	1045	1048	1051	rVB3	1154796	1205858	17.99%	0.973%
51	8.498	1051	1056	1057	rBV	3189729	3226026	48.13%	2.603%
52	8.534	1060	1062	1064	rVB3	669885	554158	8.27%	0.447%
53	8.575	1066	1069	1071	rVB2	619200	475950	7.10%	0.384%
54	8.610	1071	1075	1077	rBV4	675737	810121	12.09%	0.654%
55	8.663	1081	1084	1088	rBV2	1757675	1747033	26.06%	1.410%
56	8.722	1092	1094	1097	rVB3	519434	516469	7.70%	0.417%
57	8.757	1097	1100	1103	rVB3	1097180	1135726	16.94%	0.916%
58	8.786	1103	1105	1107	rVB	1046225	732612	10.93%	0.591%
59	8.845	1113	1115	1118	rBV3	418633	614691	9.17%	0.496%
60	8.881	1118	1121	1125	rVB2	1007119	1110113	16.56%	0.896%
61	8.945	1130	1132	1134	rBV2	870704	843570	12.58%	0.681%
62	8.981	1134	1138	1142	rVB4	1093368	1652727	24.66%	1.334%
63	9.028	1142	1146	1149	rVB2	691736	770321	11.49%	0.622%
64	9.069	1150	1153	1154	rBV2	573584	497216	7.42%	0.401%
65	9.098	1154	1158	1161	rVB	3026352	2800196	41.77%	2.260%
66	9.145	1163	1166	1168	rVB	1437646	1086152	16.20%	0.876%
67	9.233	1176	1181	1185	rBV5	1127516	1971738	29.41%	1.591%
68	9.269	1185	1187	1190	rBV2	391481	485051	7.24%	0.391%
69	9.345	1197	1200	1203	rVB3	725245	787319	11.75%	0.635%
70	9.416	1208	1212	1215	rVB2	1308955	1560210	23.28%	1.259%
71	9.486	1221	1224	1226	rVV2	1795918	1839742	27.45%	1.485%
72	9.510	1226	1228	1231	rVV2	1384076	1554022	23.18%	1.254%
73	9.551	1231	1235	1238	rVV2	3760120	4465090	66.61%	3.603%
74	9.604	1242	1244	1248	rVV3	858561	737666	11.00%	0.595%
75	9.686	1256	1258	1262	rBV3	746939	927025	13.83%	0.748%
76	9.733	1263	1266	1269	rVB2	956600	886294	13.22%	0.715%

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77	9.804	1275	1278	1280	rBV3	1038598	1341389	20.01%	1.082%
78	9.933	1297	1300	1304	rVB	944311	1044288	15.58%	0.843%
79	9.986	1304	1309	1313	rBV6	670364	1405356	20.97%	1.134%
80	10.022	1313	1315	1318	rBV3	1018276	1099089	16.40%	0.887%
81	10.075	1321	1324	1325	rBV	1142736	1052572	15.70%	0.849%
82	10.145	1333	1336	1339	rBV	1037962	1131899	16.89%	0.913%
83	10.175	1339	1341	1343	rVV	737552	613101	9.15%	0.495%
84	10.198	1343	1345	1348	rVB2	496019	500296	7.46%	0.404%
85	10.233	1348	1351	1353	rBV3	1011619	1108149	16.53%	0.894%
86	10.286	1357	1360	1363	rBV3	513576	652401	9.73%	0.526%
87	10.316	1363	1365	1370	rVB5	668029	923381	13.78%	0.745%
88	10.369	1371	1374	1376	rBV2	900677	932903	13.92%	0.753%
89	10.486	1388	1394	1397	rBV	3397528	3739842	55.79%	3.018%
90	10.533	1399	1402	1406	rVB2	715200	872259	13.01%	0.704%
91	10.575	1406	1409	1410	rBV2	497971	525928	7.85%	0.424%
92	10.598	1410	1413	1415	rVV2	931587	686950	10.25%	0.554%
93	10.622	1415	1417	1419	rVB	651249	499801	7.46%	0.403%
94	10.757	1434	1440	1446	rBV	5409653	6703264	100.00%	5.409%
95	11.222	1515	1519	1525	rVB	3551662	3983289	59.42%	3.214%
96	11.322	1533	1536	1538	rBV2	852663	993567	14.82%	0.802%
97	11.569	1576	1578	1581	rVB	1159129	1064734	15.88%	0.859%
98	12.316	1702	1705	1710	rVB2	1539974	1803884	26.91%	1.456%
99	12.386	1714	1717	1720	rBV2	1145149	1333350	19.89%	1.076%
100	12.921	1806	1808	1817	rVB2	1693465	2452415	36.59%	1.979%

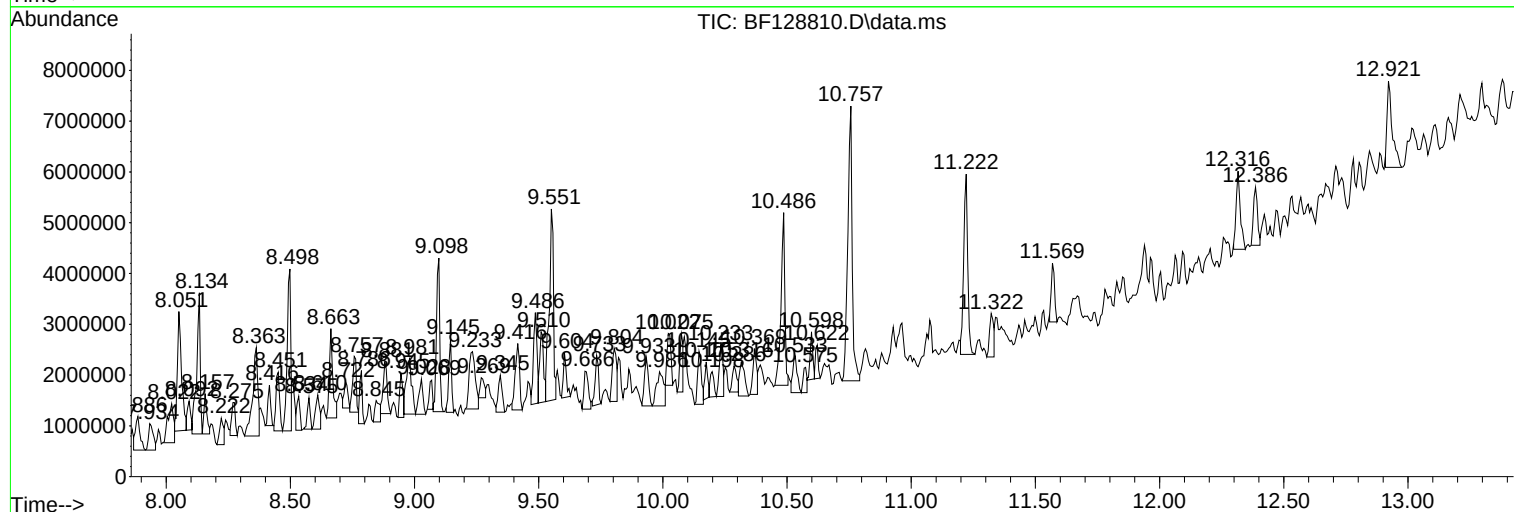
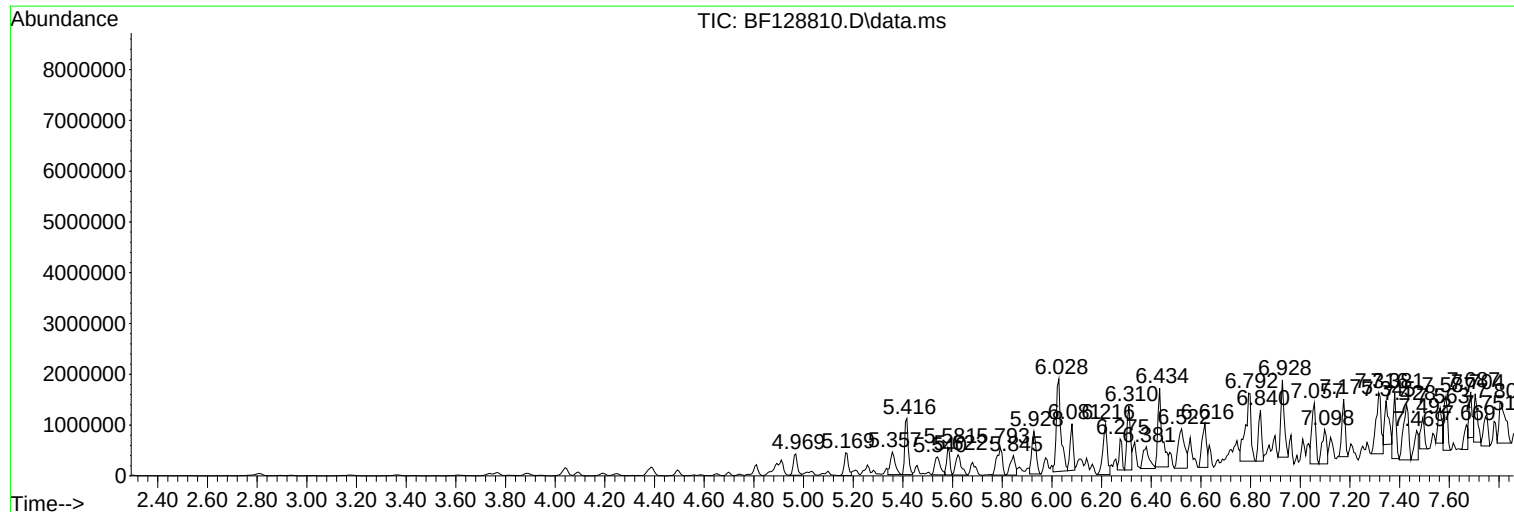
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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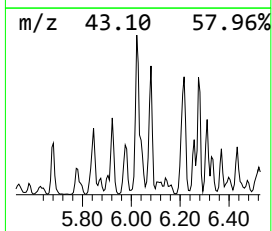
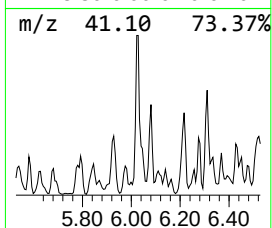
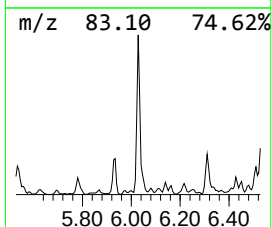
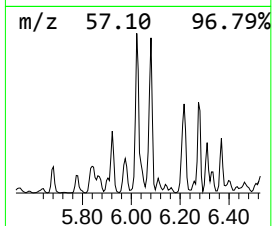
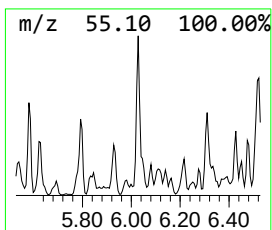
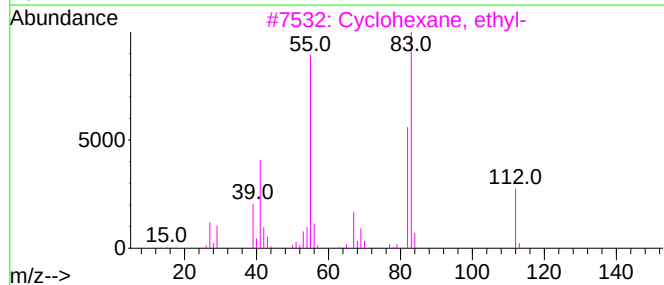
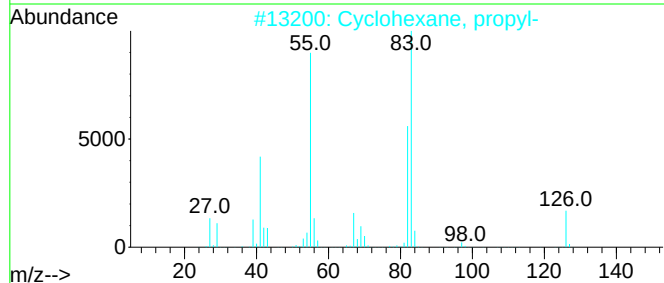
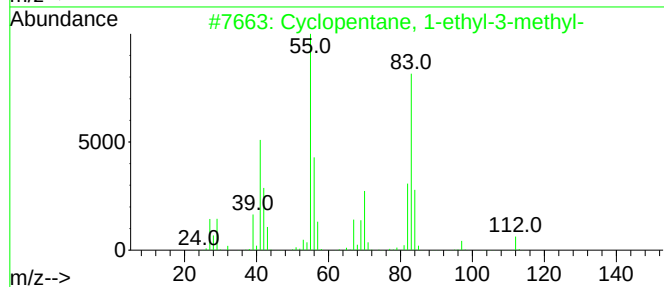
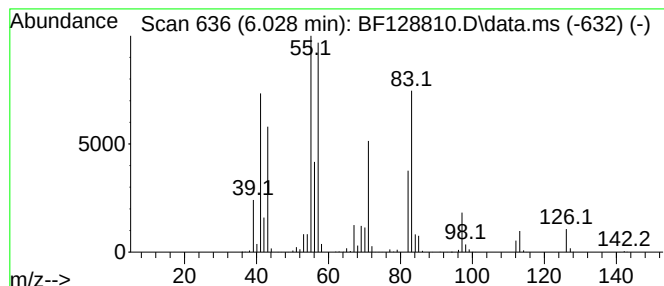
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, 1-ethyl-3-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.028	22.16 ng	2337170	1,4-Dichlorobenzene-d4	6.781	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	58
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	45
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	38
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	38



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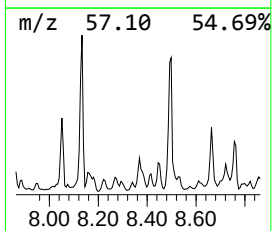
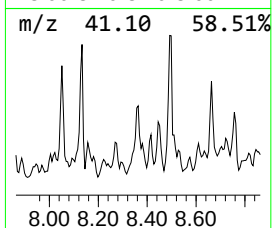
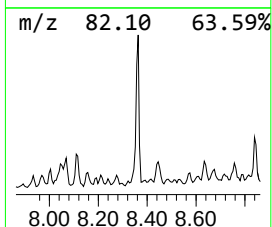
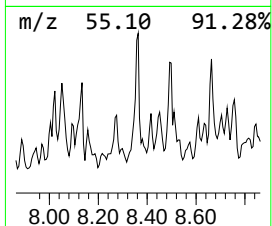
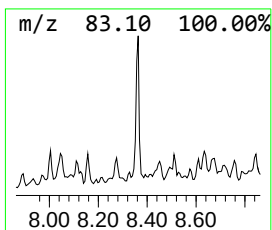
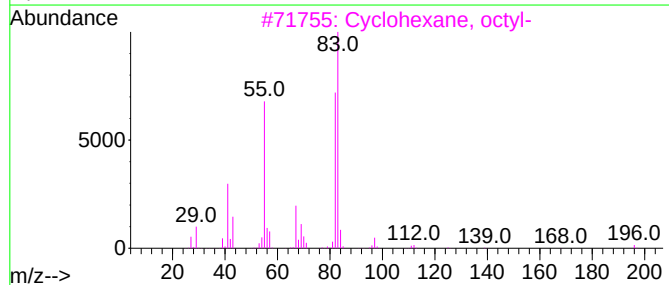
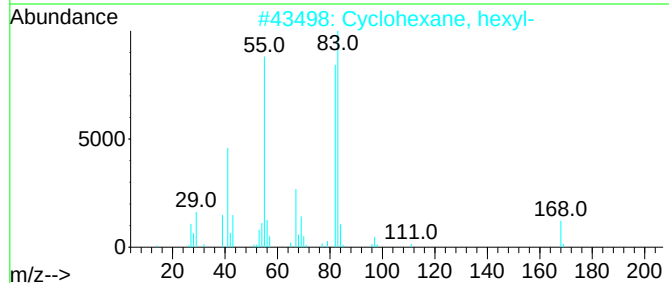
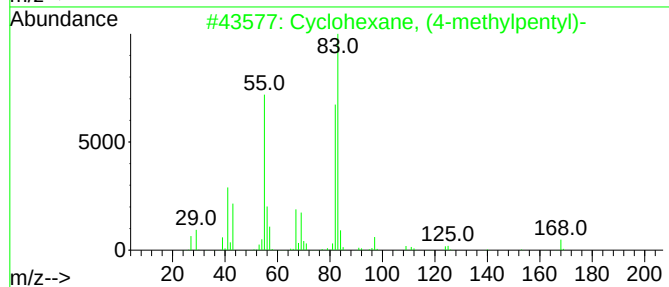
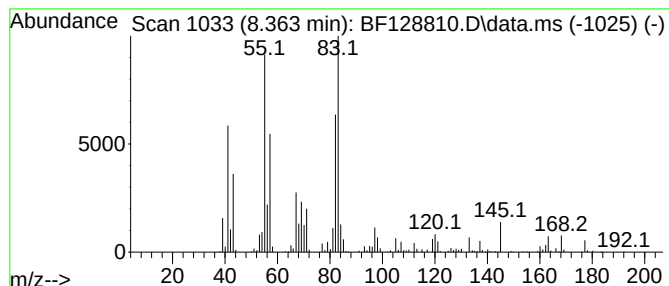
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, (4-methylpentyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	18.58 ng	2625690	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



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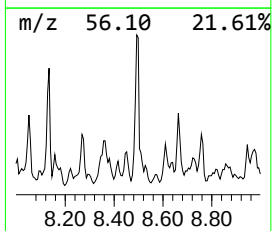
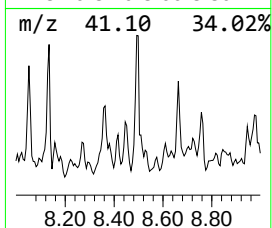
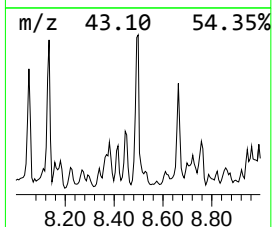
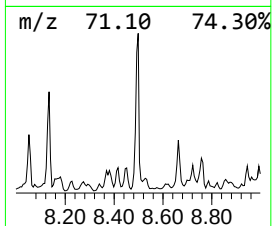
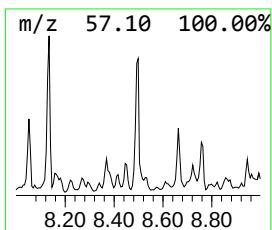
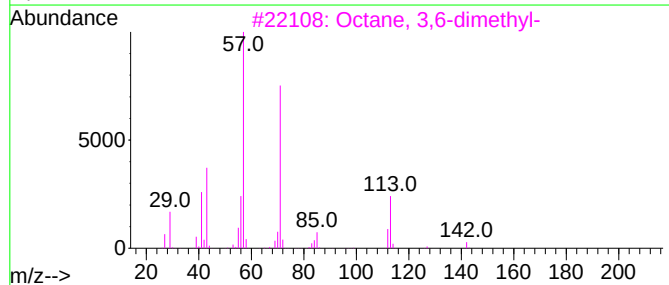
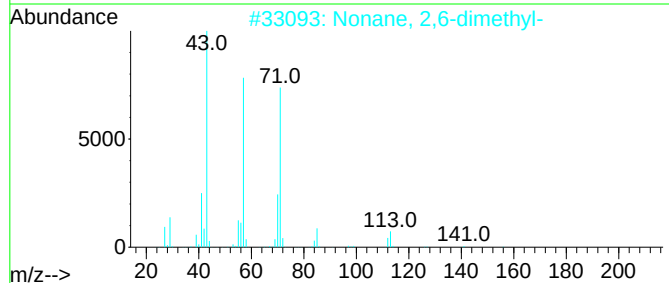
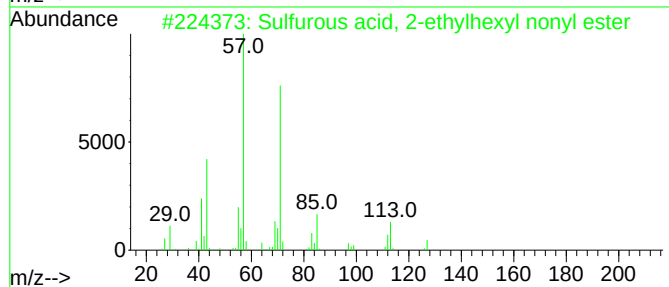
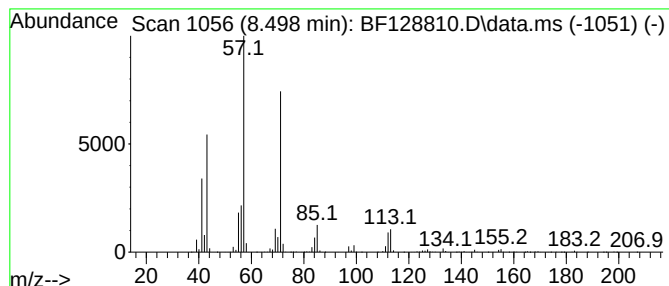
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	22.83 ng	3226030	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-7

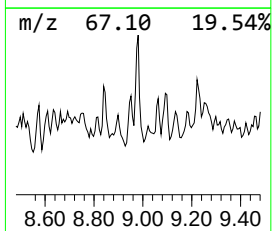
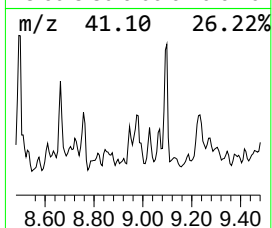
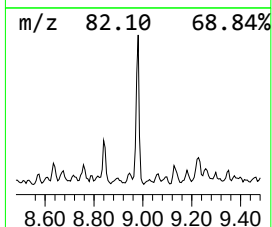
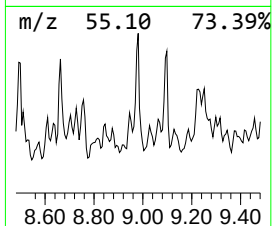
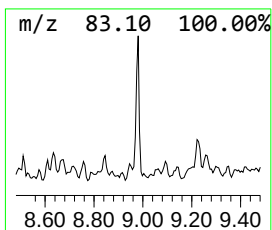
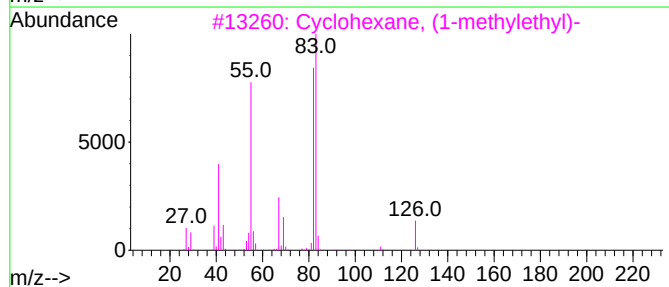
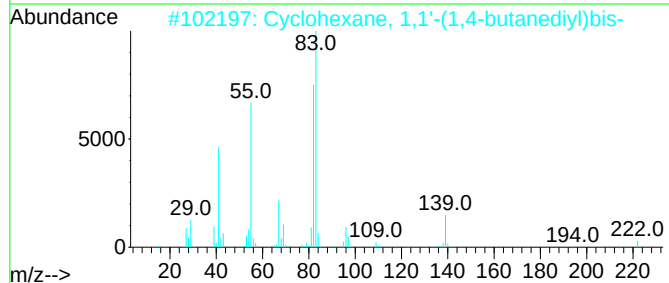
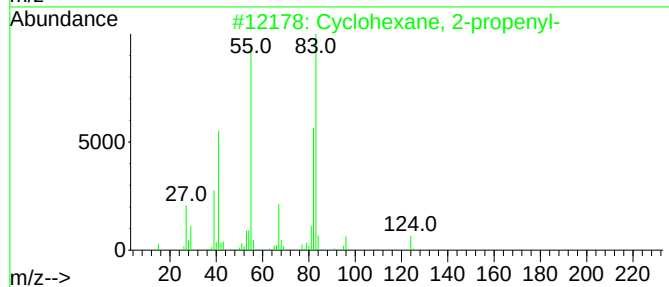
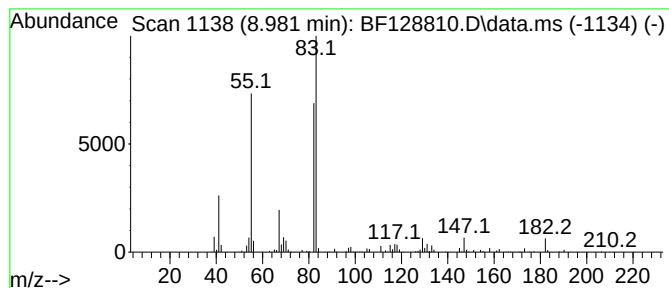
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.981	24.64 ng	1652730	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	56
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	56
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	56
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	56
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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Acq On : 14 Jun 2022 20:14
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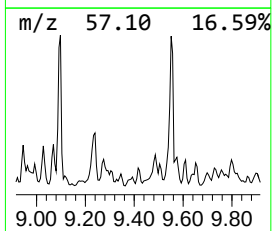
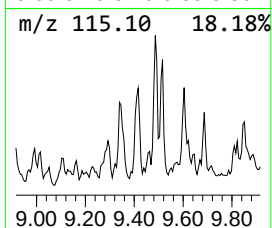
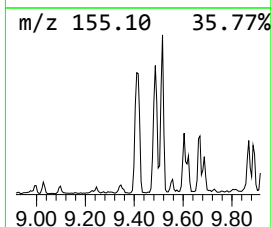
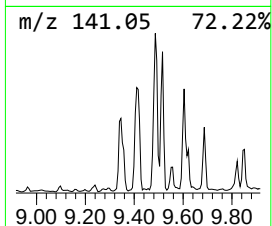
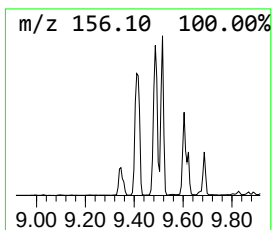
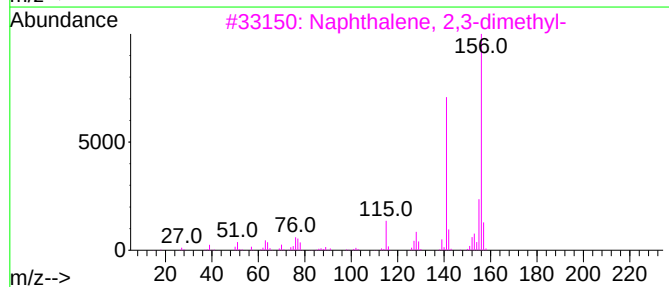
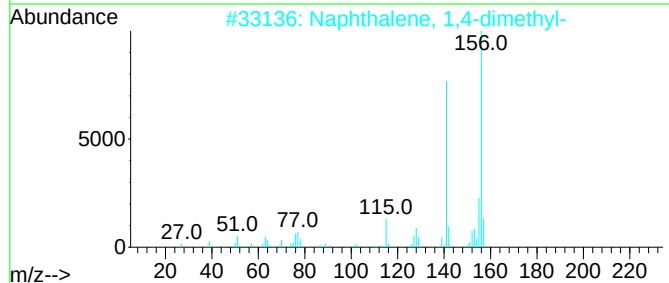
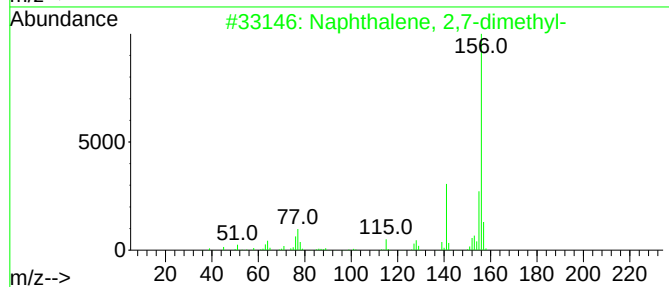
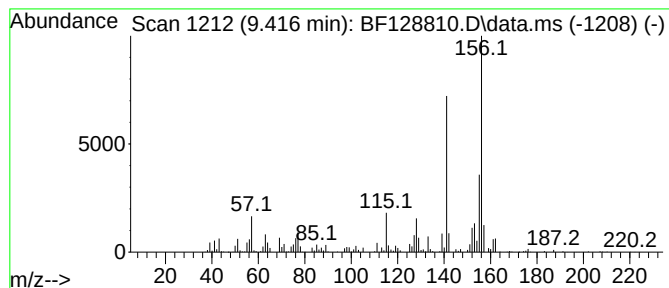
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	23.26 ng	1560210	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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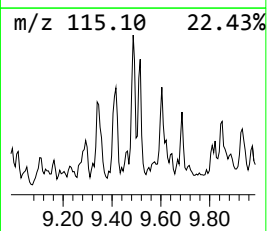
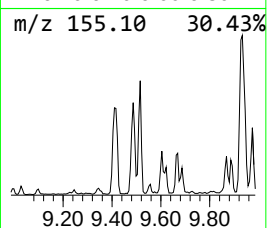
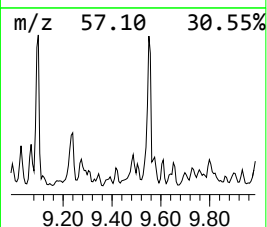
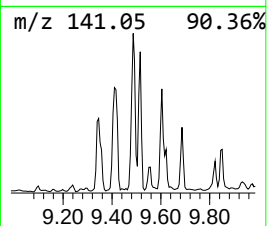
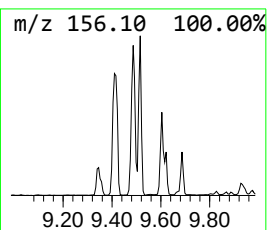
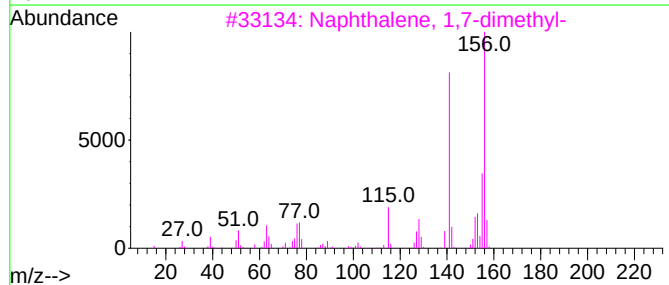
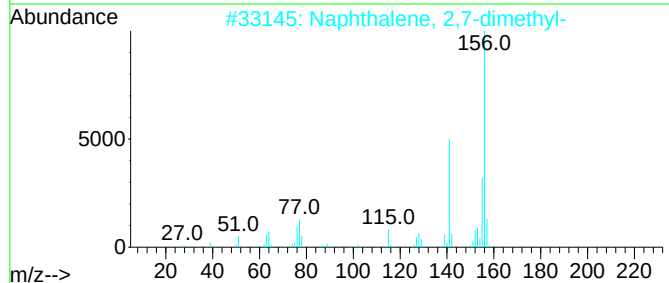
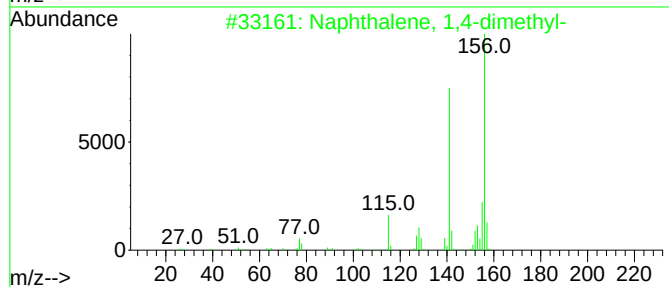
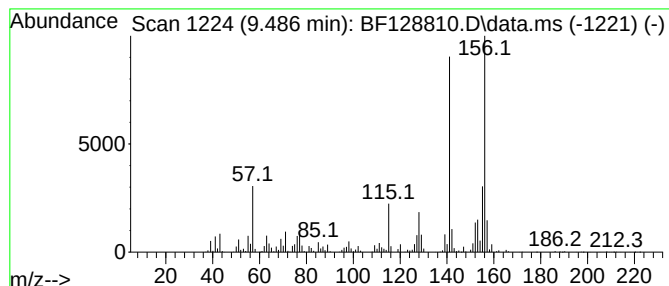
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	27.43 ng	1839740	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
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Instrument :
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ClientSampleId :
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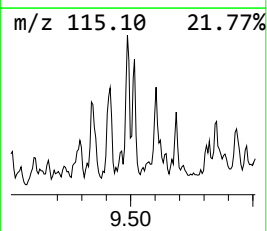
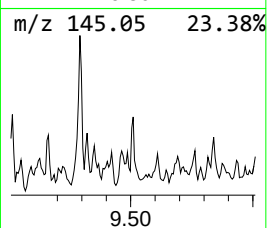
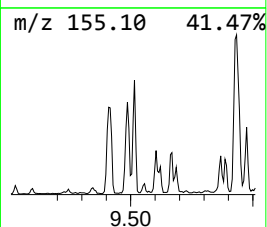
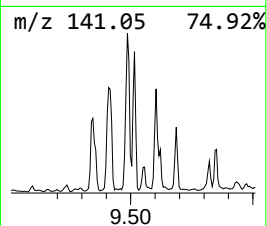
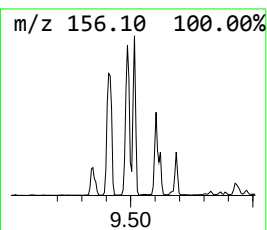
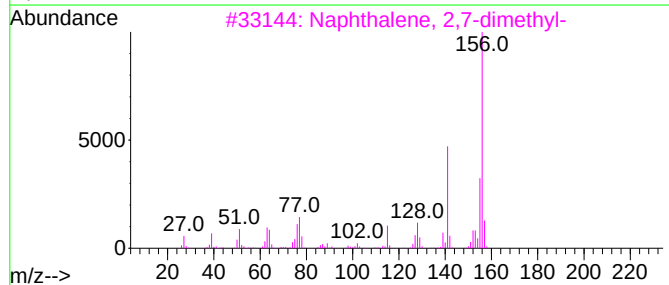
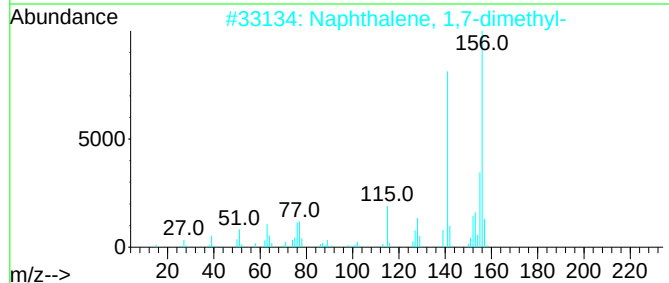
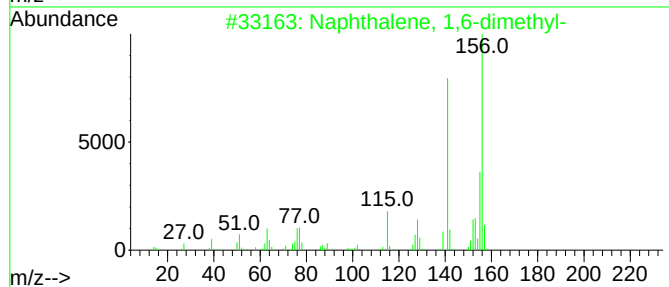
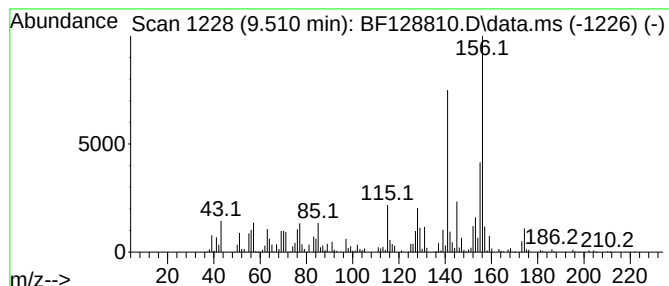
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	23.17 ng	1554020	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
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ALS Vial : 14 Sample Multiplier: 1

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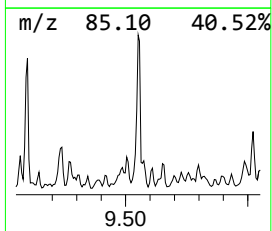
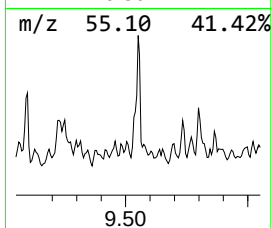
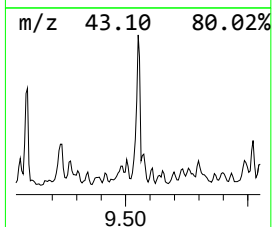
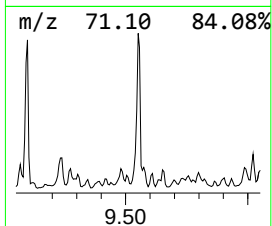
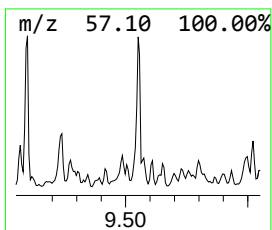
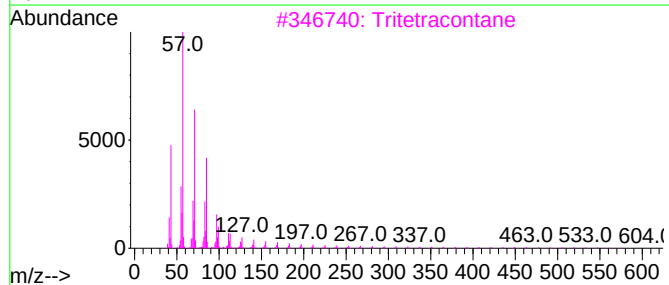
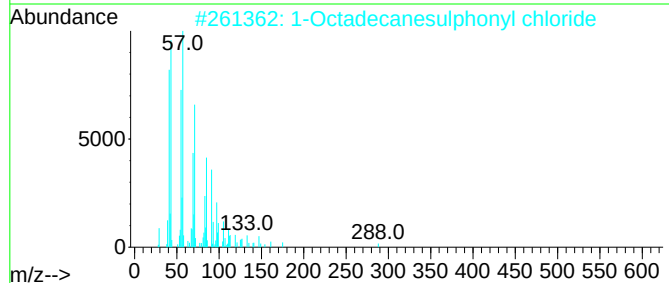
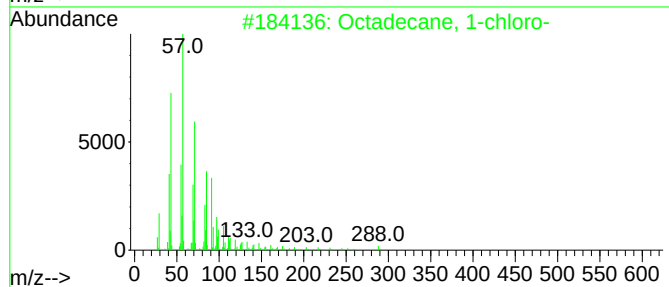
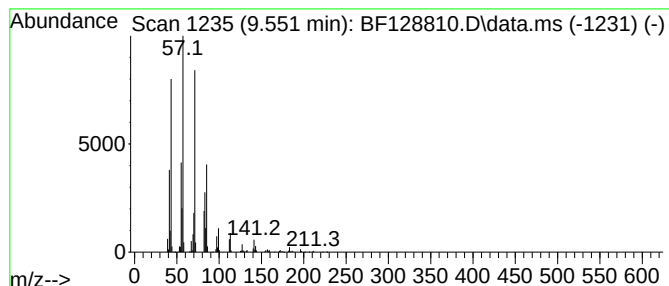
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	66.57 ng	4465090	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3			Tritetracontane	605	C43H88	007098-21-7	90
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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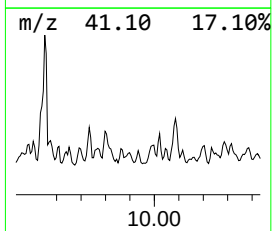
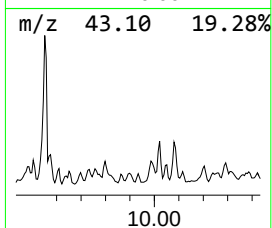
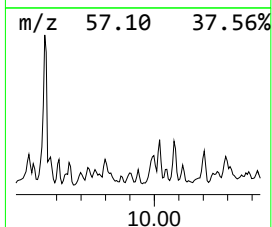
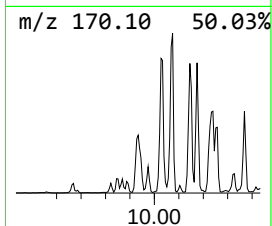
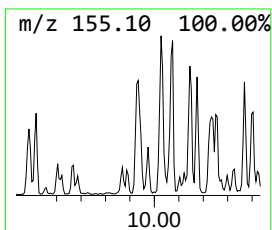
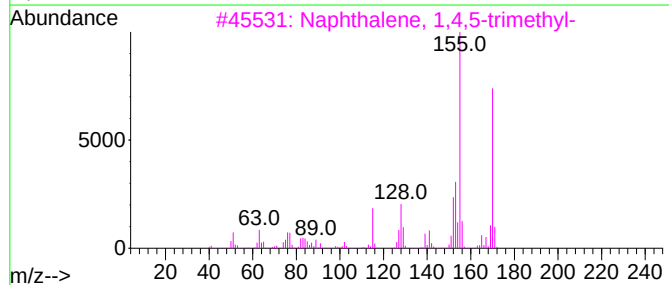
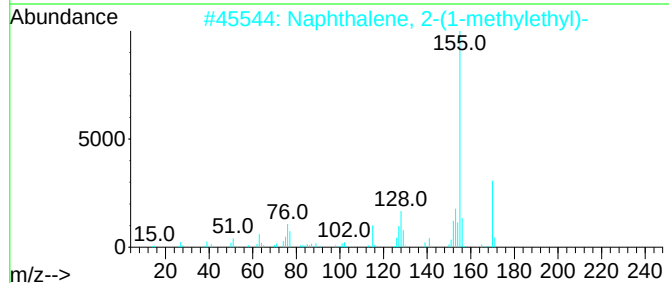
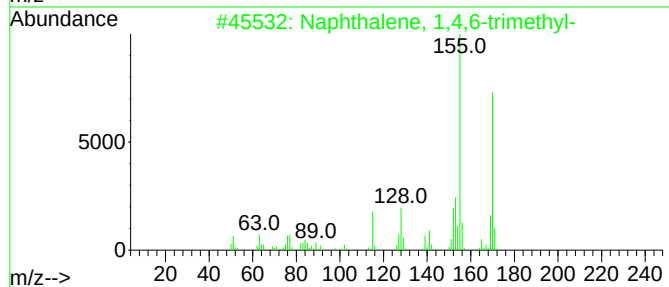
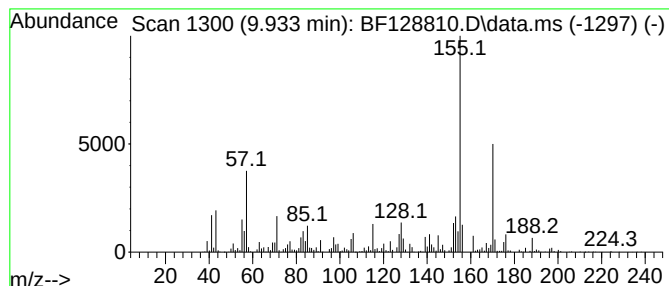
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.933	15.57 ng	1044290	Acenaphthene-d10	9.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
4	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	70
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
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ALS Vial : 14 Sample Multiplier: 1

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WC-14A-1A-7

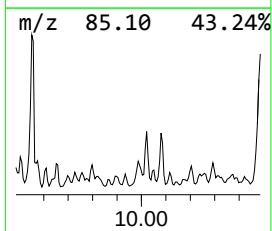
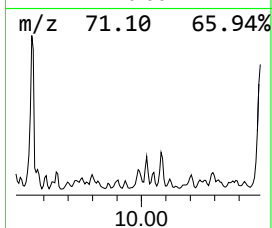
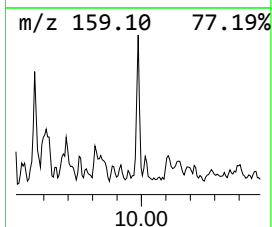
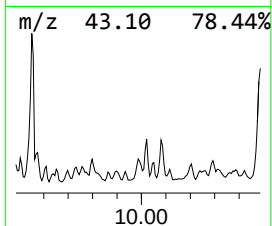
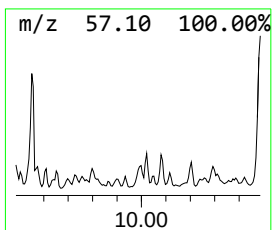
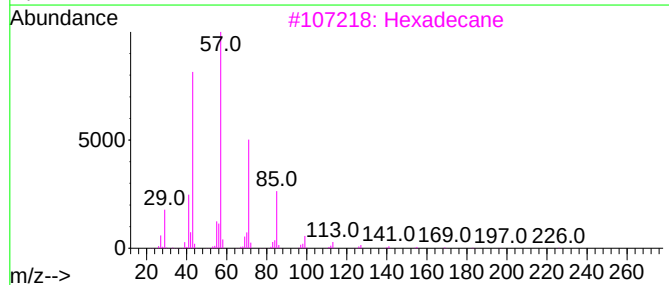
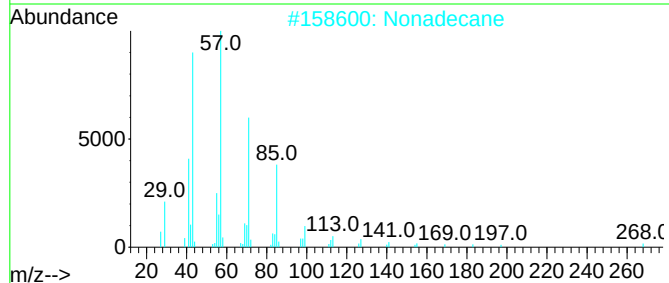
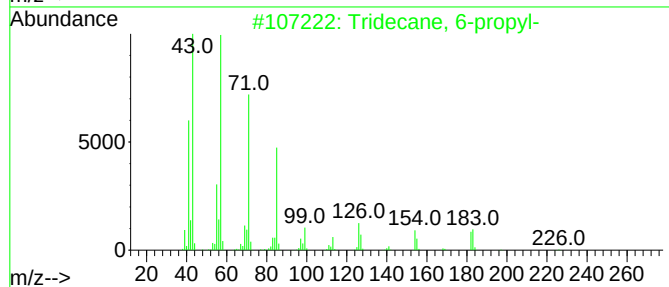
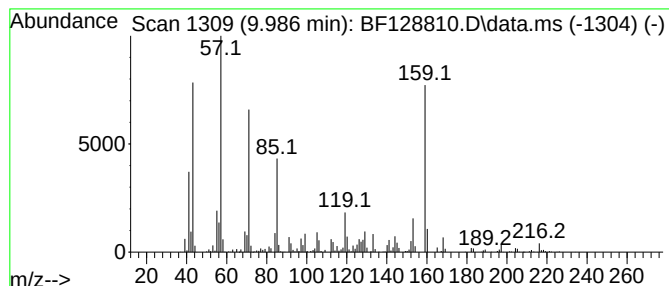
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.986	20.95 ng	1405360	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	55
2		Nonadecane	268	C19H40	000629-92-5	42
3		Hexadecane	226	C16H34	000544-76-3	38
4		Pentadecane	212	C15H32	000629-62-9	30
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-7

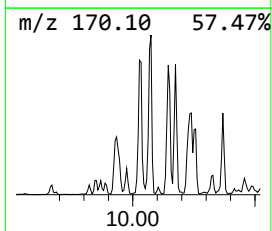
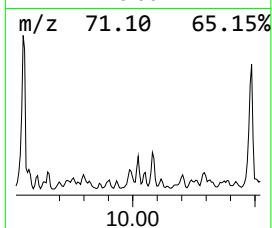
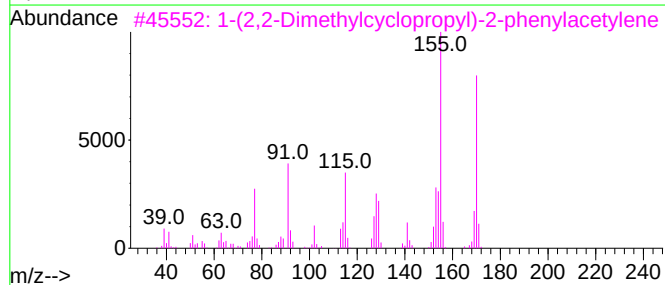
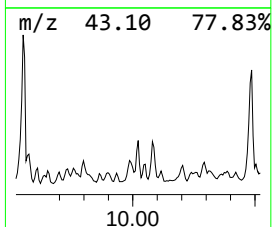
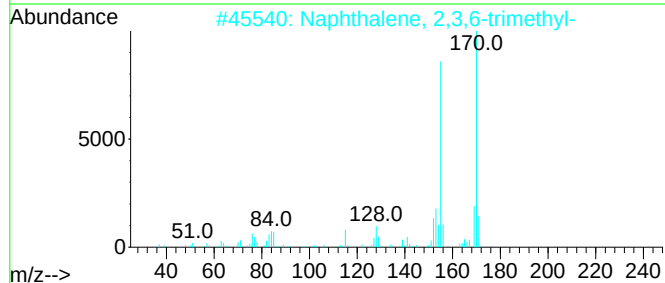
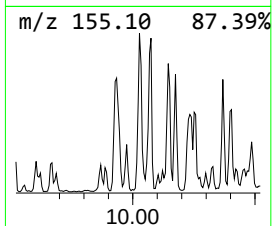
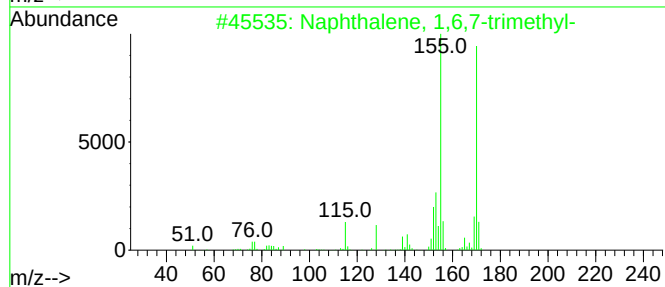
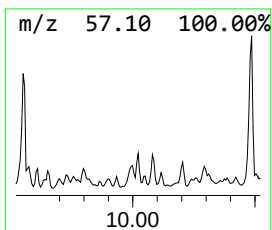
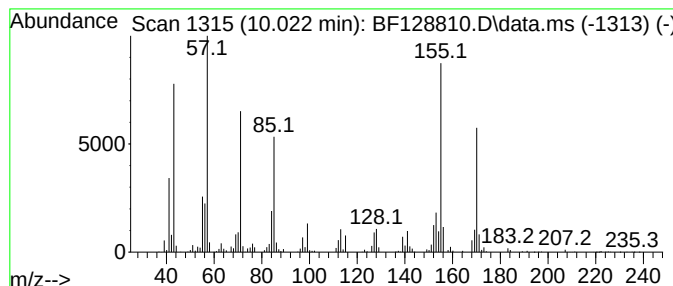
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	16.39 ng	1099090	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	78
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
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ClientSampleId :
WC-14A-1A-7

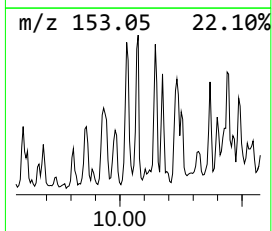
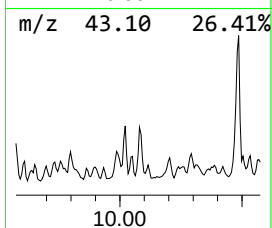
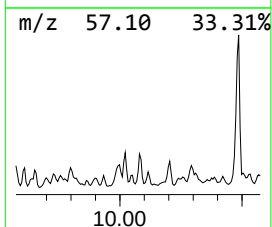
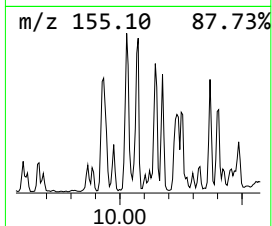
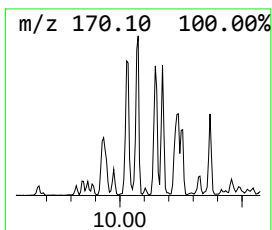
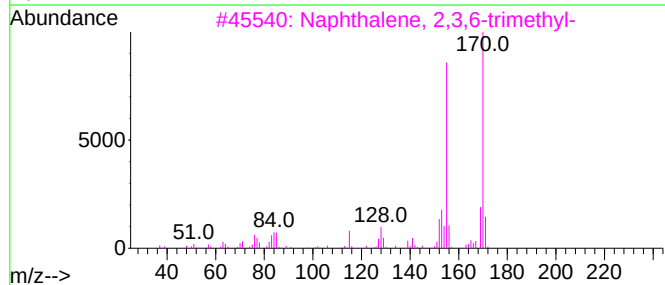
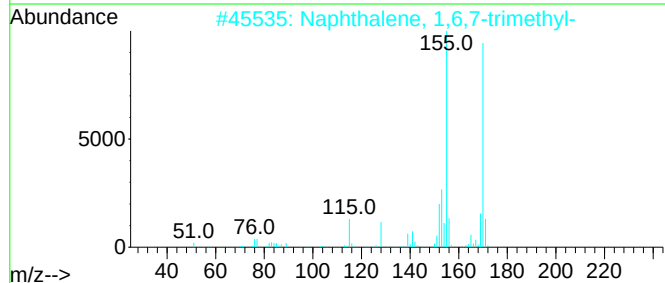
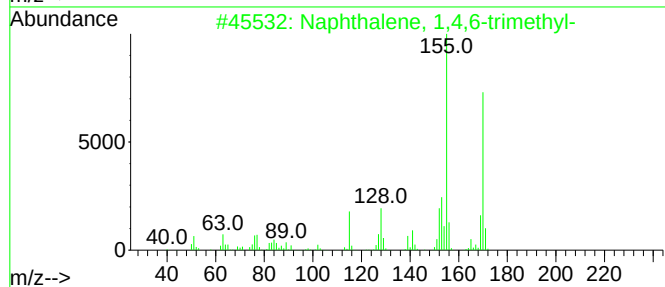
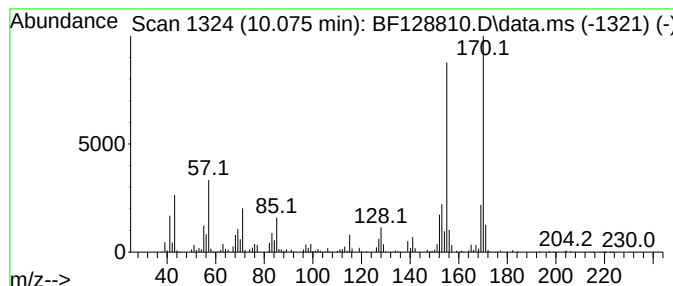
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	15.69 ng	1052570	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

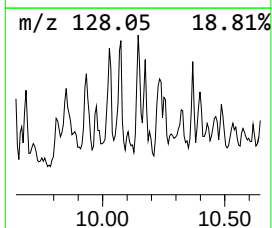
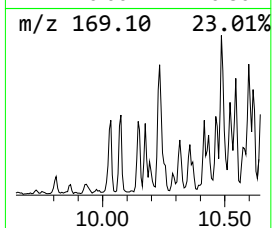
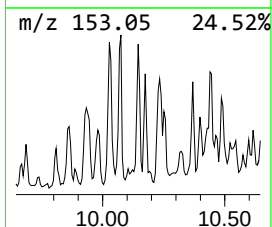
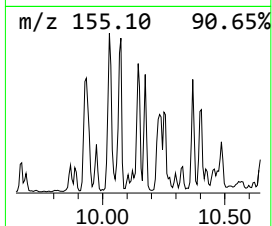
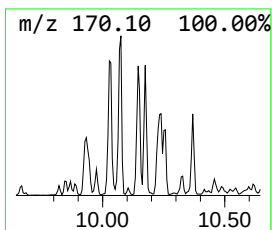
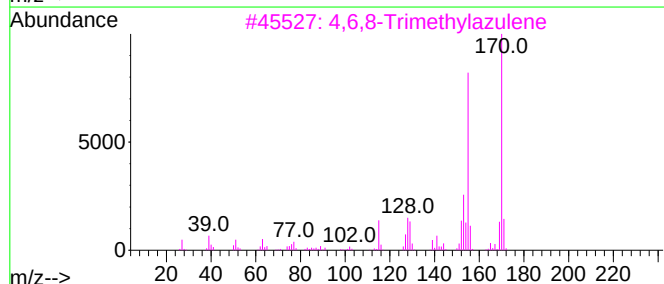
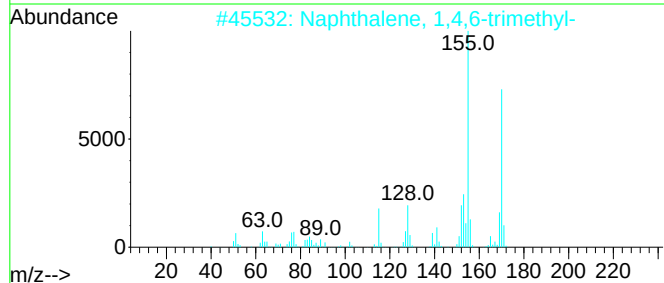
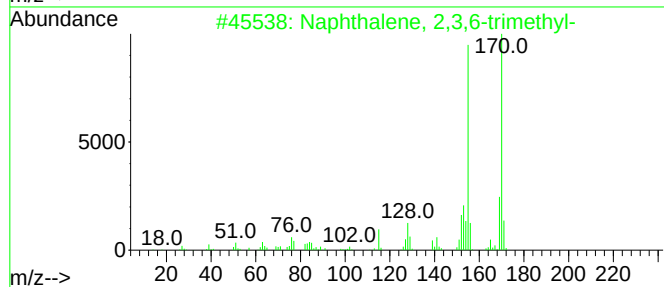
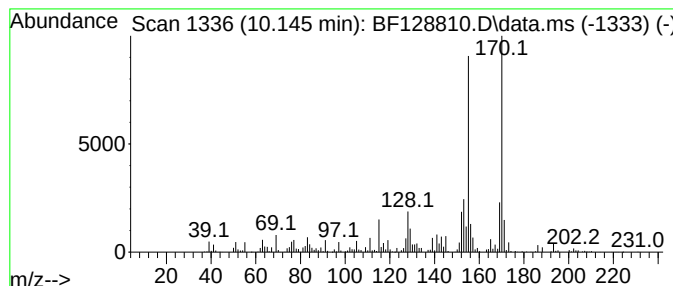
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.145	16.88 ng	1131900	Acenaphthene-d10	9.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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Acq On : 14 Jun 2022 20:14
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Sample : N3334-01
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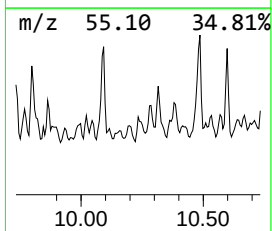
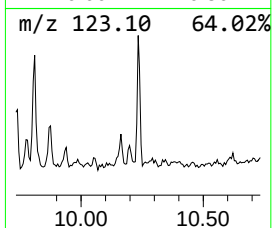
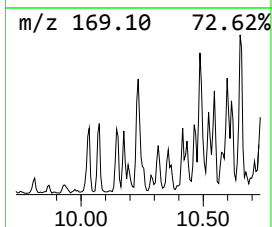
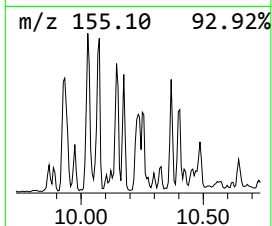
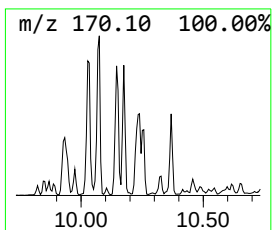
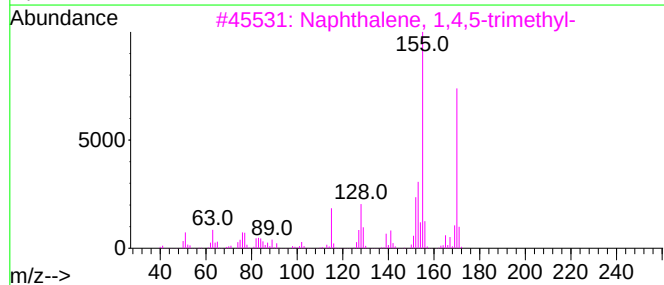
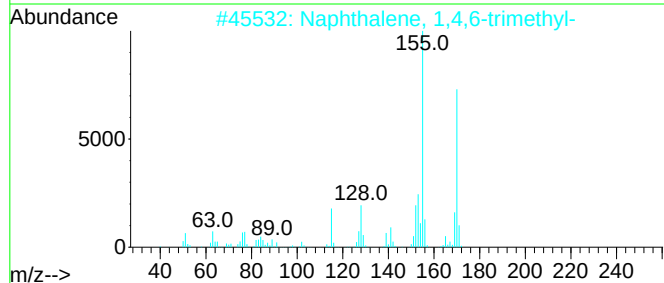
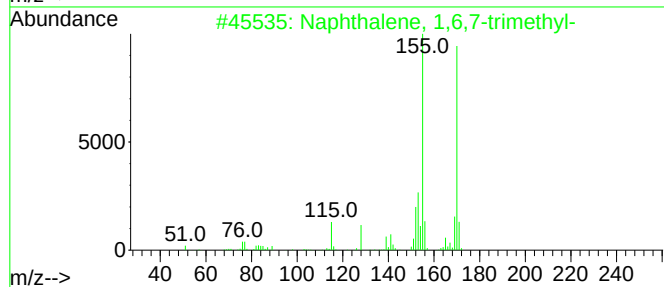
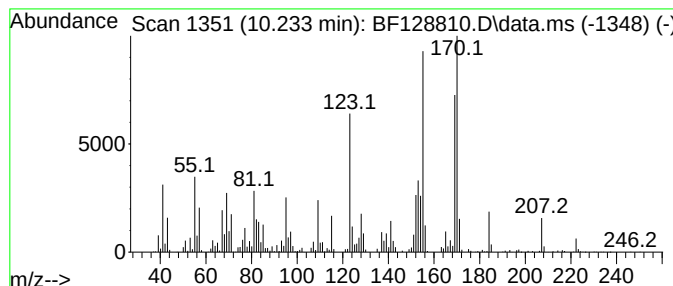
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.233	16.52 ng	1108150	Acenaphthene-d10	9.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-7

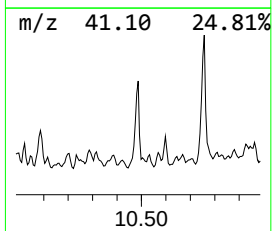
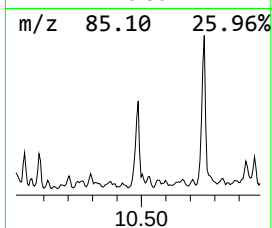
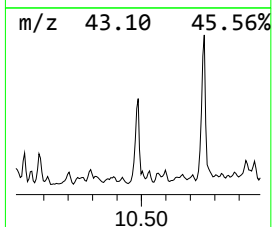
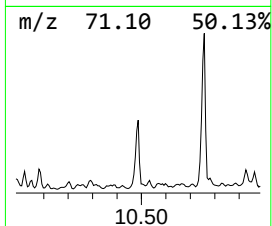
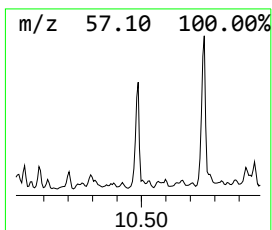
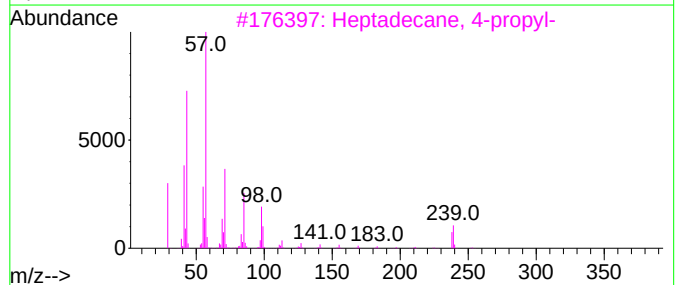
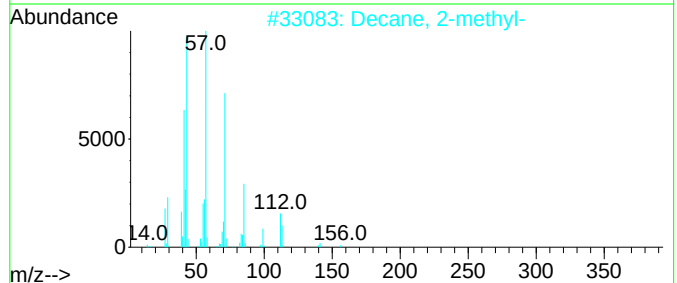
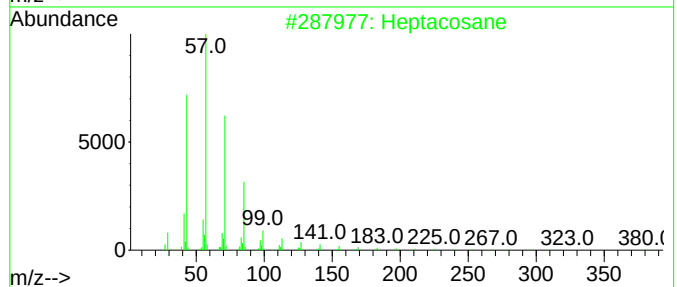
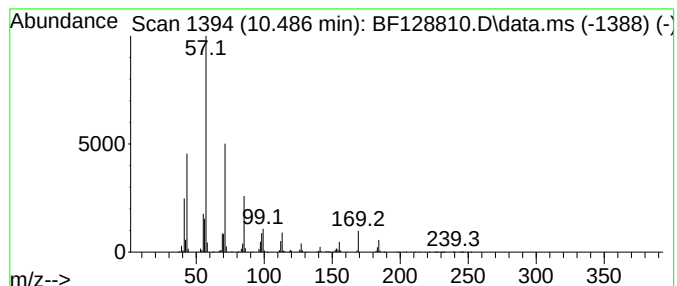
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	55.76 ng	3739840	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	80
2			Decane, 2-methyl-	156	C11H24	006975-98-0	76
3			Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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Acq On : 14 Jun 2022 20:14
Operator : CG\JU
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ALS Vial : 14 Sample Multiplier: 1

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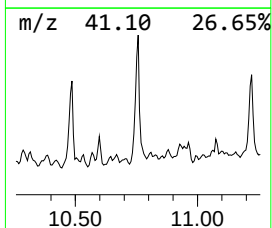
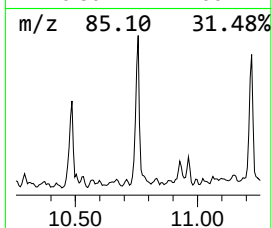
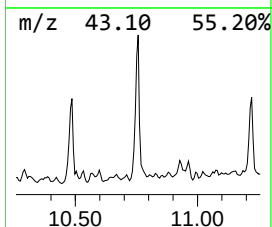
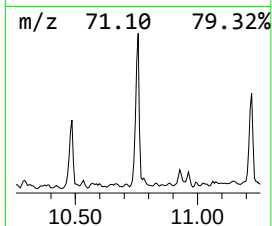
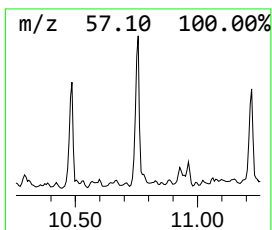
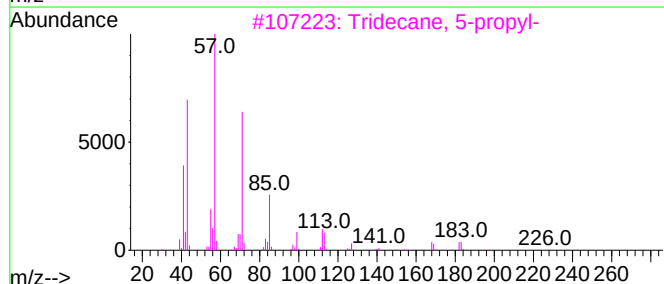
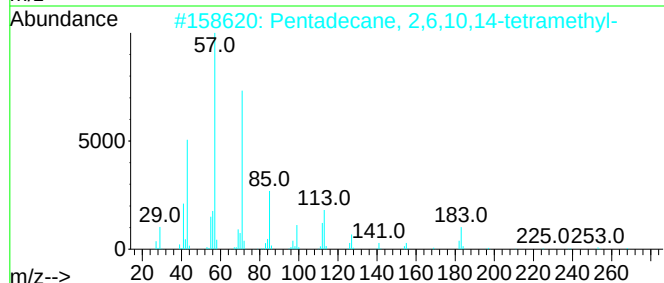
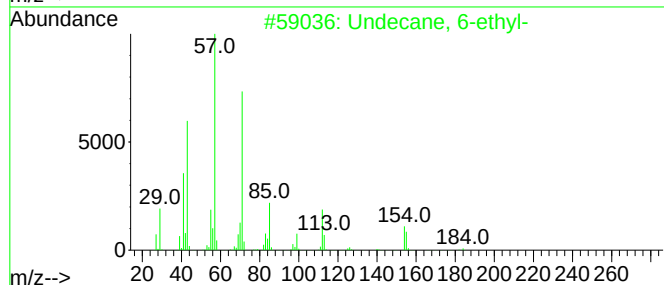
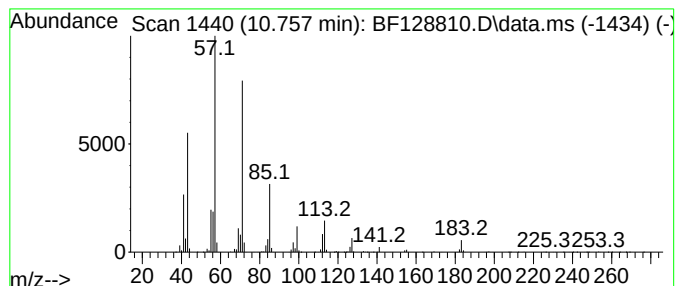
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	134.93 ng	6703260	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
5			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-7

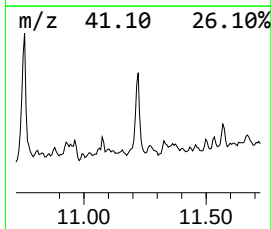
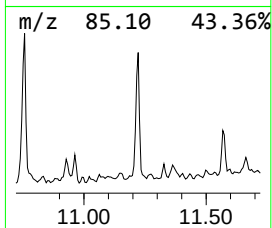
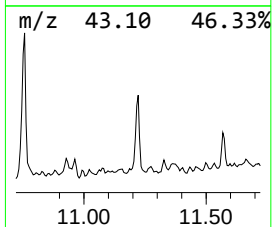
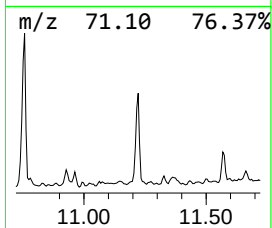
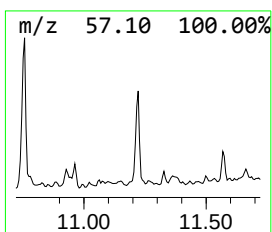
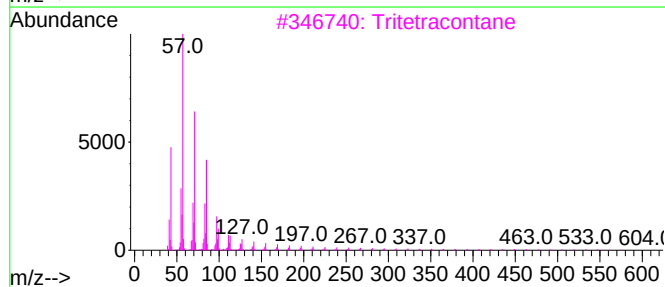
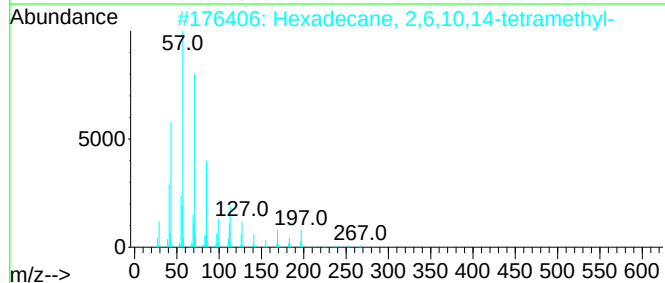
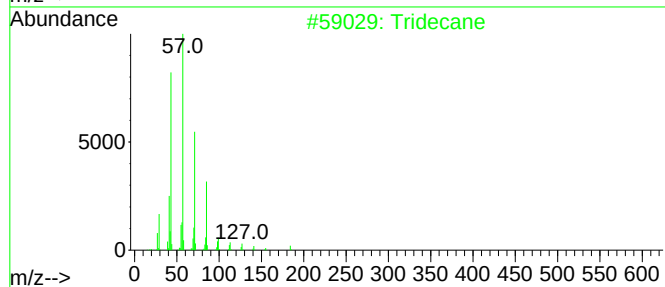
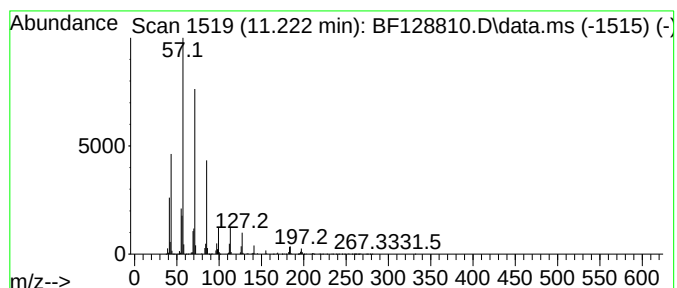
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	80.18 ng	3983290	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Tritetracontane	605	C43H88	007098-21-7	90
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

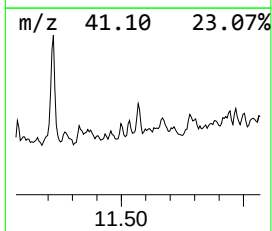
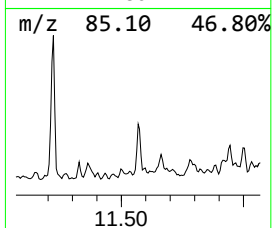
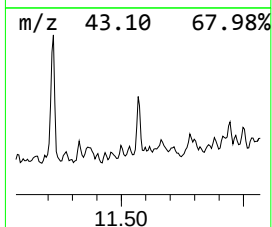
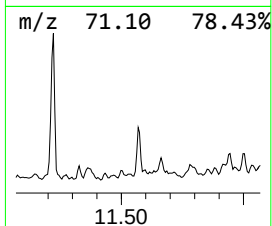
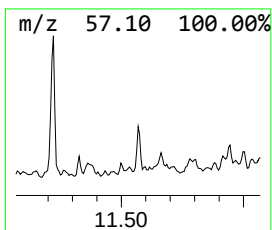
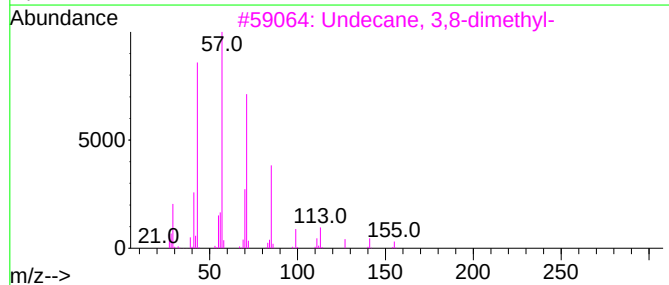
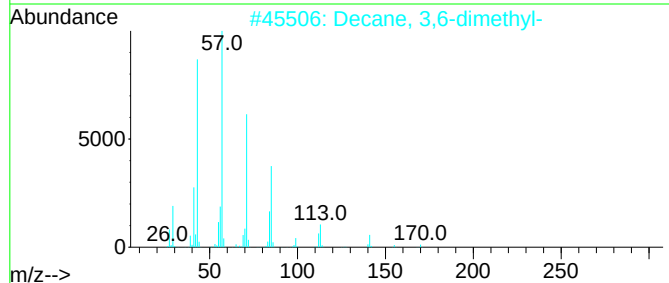
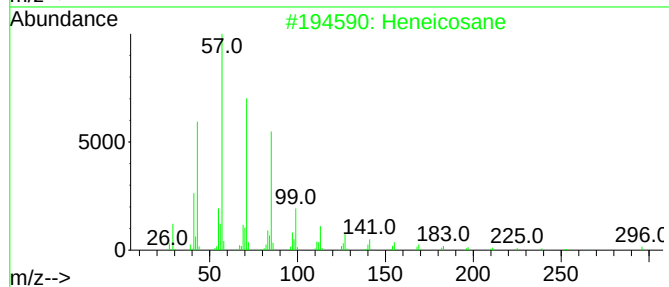
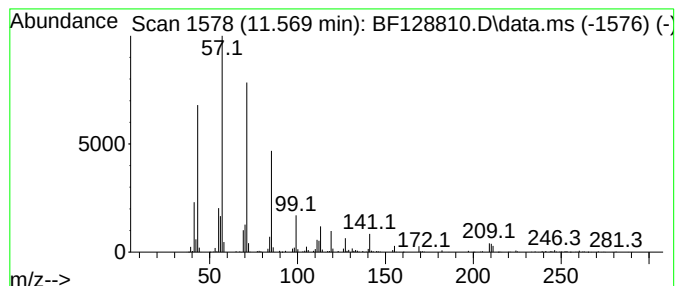
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WC-14A-1A-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.569	21.43 ng	1064730	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	87
3	Undecane, 3,8-dimethyl-		184	C13H28	017301-30-3	86
4	Octadecane		254	C18H38	000593-45-3	86
5	Nonadecane		268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
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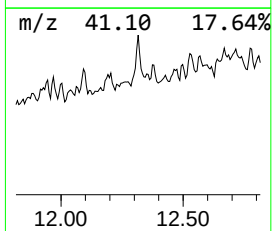
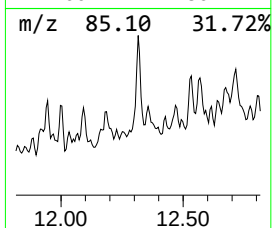
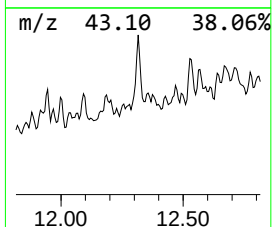
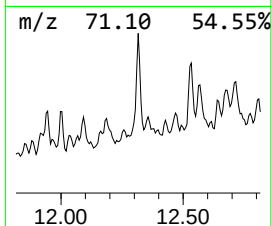
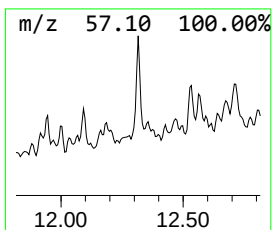
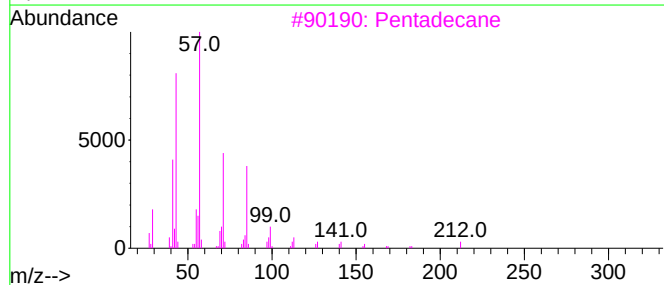
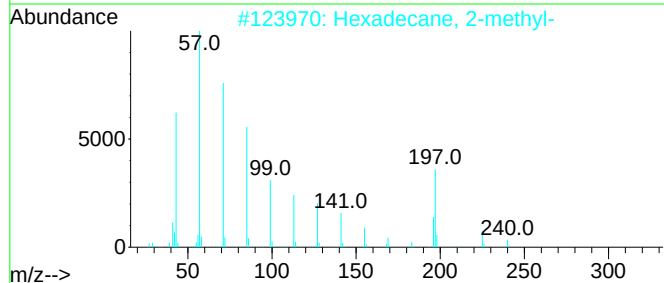
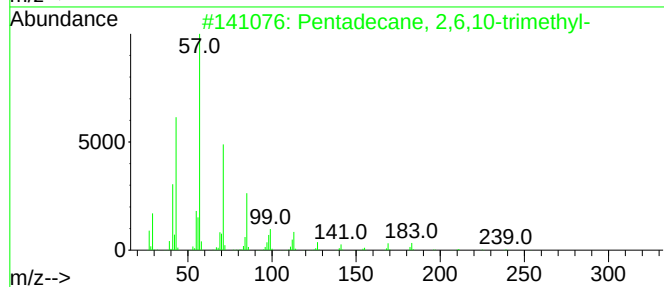
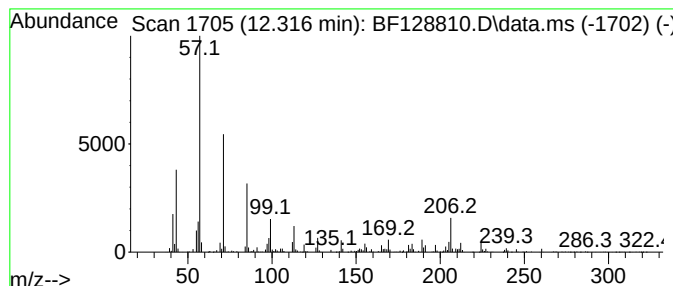
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.316	36.31 ng	1803880	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	93
2	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	81
3	Pentadecane		212	C15H32	000629-62-9	81
4	Octadecane		254	C18H38	000593-45-3	74
5	Pentadecane, 3-methyl-		226	C16H34	002882-96-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
Operator : CG\JU
Sample : N3334-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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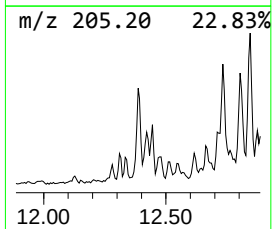
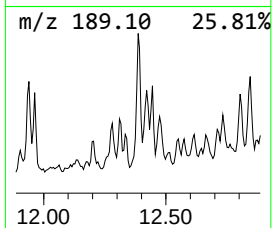
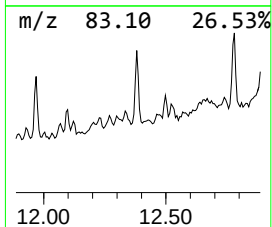
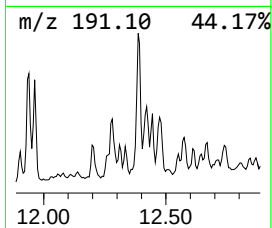
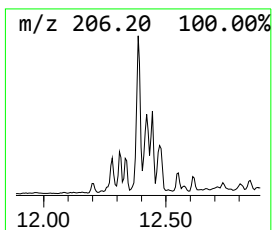
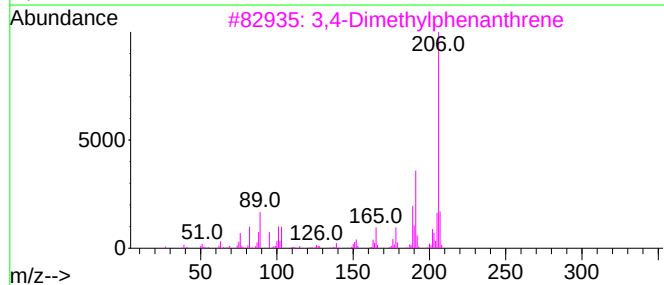
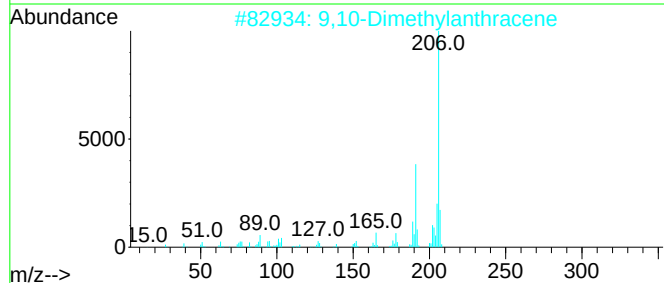
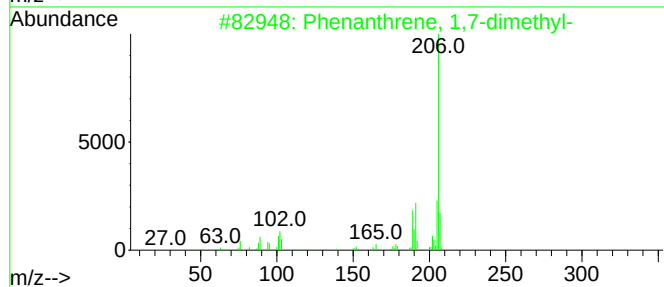
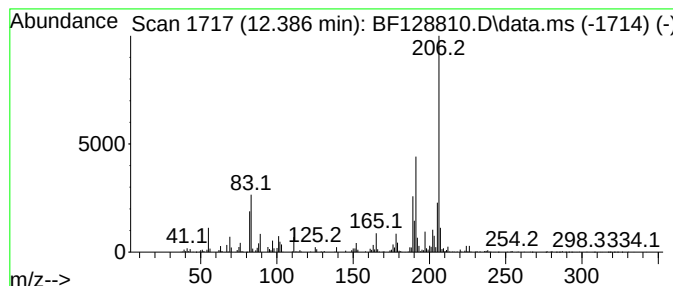
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	26.84 ng	1333350	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128810.D
 Acq On : 14 Jun 2022 20:14
 Operator : CG\JU
 Sample : N3334-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane, 1...	6.028	22.2	ng	2337170	1	6.781	2109490	20.0
Cyclohexane, (4...	8.363	18.6	ng	2625690	2	8.069	2826490	20.0
Sulfurous acid,...	8.498	22.8	ng	3226030	2	8.069	2826490	20.0
Cyclohexane, 2-...	8.981	24.6	ng	1652730	3	9.828	1341390	20.0
Naphthalene, 2,...	9.416	23.3	ng	1560210	3	9.828	1341390	20.0
Naphthalene, 1,...	9.486	27.4	ng	1839740	3	9.828	1341390	20.0
Naphthalene, 1,...	9.510	23.2	ng	1554020	3	9.828	1341390	20.0
Octadecane, 1-c...	9.551	66.6	ng	4465090	3	9.828	1341390	20.0
Naphthalene, 1,...	9.933	15.6	ng	1044290	3	9.828	1341390	20.0
Tridecane, 6-pr...	9.986	20.9	ng	1405360	3	9.828	1341390	20.0
Naphthalene, 1,...	10.022	16.4	ng	1099090	3	9.828	1341390	20.0
Naphthalene, 2,...	10.075	15.7	ng	1052570	3	9.828	1341390	20.0
4,6,8-Trimethyl...	10.145	16.9	ng	1131900	3	9.828	1341390	20.0
Naphthalene, 1,...	10.233	16.5	ng	1108150	3	9.828	1341390	20.0
Heptacosane	10.486	55.8	ng	3739840	3	9.828	1341390	20.0
Undecane, 6-ethyl-	10.757	134.9	ng	6703260	4	11.322	993567	20.0
Tridecane	11.222	80.2	ng	3983290	4	11.322	993567	20.0
Heneicosane	11.569	21.4	ng	1064730	4	11.322	993567	20.0
Pentadecane, 2,...	12.316	36.3	ng	1803880	4	11.322	993567	20.0
Phenanthrene, 1...	12.386	26.8	ng	1333350	4	11.322	993567	20.0