

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
 Data File : BF120333.D
 Acq On : 15 May 2020 20:39
 Operator : MA/SJ
 Sample : L2655-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0F19

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.757	273	284	290	rBV2	675738	1200717	10.30%	0.336%
2	4.146	344	350	362	rBV2	647471	1294401	11.10%	0.362%
3	4.604	424	428	432	rVB	1651435	1930969	16.56%	0.540%
4	4.699	440	444	450	rVB2	1933886	2780745	23.85%	0.777%
5	4.757	450	454	458	rBV	2288508	2772324	23.78%	0.775%
6	4.981	487	492	495	rBV	1895487	2206203	18.92%	0.617%
7	5.181	523	526	531	rVB	2341489	2640453	22.65%	0.738%
8	5.357	552	556	559	rBV2	1885196	2419272	20.75%	0.676%
9	5.398	561	563	566	rVB	1896701	1660103	14.24%	0.464%
10	5.440	566	570	577	rVB2	1330453	2144707	18.40%	0.599%
11	5.616	593	600	604	rVB3	2245214	3331282	28.57%	0.931%
12	5.669	604	609	612	rBV5	832015	1671657	14.34%	0.467%
13	5.751	618	623	628	rVB2	3367674	4038154	34.64%	1.128%
14	5.810	628	633	637	rBV3	1154071	2068849	17.75%	0.578%
15	5.857	637	641	647	rVB	6735088	8733856	74.92%	2.441%
16	5.916	647	651	653	rBV	3174795	3093304	26.53%	0.864%
17	6.051	667	674	680	rBV4	2325359	4251638	36.47%	1.188%
18	6.116	683	685	687	rBV	1855090	1819430	15.61%	0.508%
19	6.140	687	689	693	rVB3	2173455	2309374	19.81%	0.645%
20	6.210	698	701	706	rBV3	1963479	2654697	22.77%	0.742%
21	6.263	707	710	711	rBV	1324259	1188910	10.20%	0.332%
22	6.351	721	725	729	rBV4	2594479	4721997	40.50%	1.320%
23	6.469	742	745	748	rVB3	1495672	1773744	15.21%	0.496%
24	6.616	767	770	772	rBV2	1420738	1673143	14.35%	0.468%
25	6.640	772	774	777	rVB	5416299	5198690	44.59%	1.453%
26	6.675	777	780	785	rBV3	1849722	2834650	24.31%	0.792%
27	6.769	793	796	800	rVV3	4238326	5047636	43.30%	1.411%
28	6.804	800	802	805	rVB2	1968347	1664055	14.27%	0.465%
29	6.857	805	811	813	rBV5	1485511	2460282	21.10%	0.688%
30	6.904	817	819	822	rVB2	2289814	2074786	17.80%	0.580%
31	6.940	822	825	827	rBV2	2035982	2079197	17.83%	0.581%
32	6.969	827	830	834	rVB	2250161	2129437	18.27%	0.595%
33	7.016	834	838	840	rBV3	3787522	4198366	36.01%	1.173%
34	7.163	857	863	865	rBV4	2409949	4342293	37.25%	1.213%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.269	876	881	885	rBV5	2866022	4725982	40.54%	1.321%
36	7.345	885	894	897	rBV5	2820069	5988695	51.37%	1.674%
37	7.422	904	907	912	rVB2	4446032	6336778	54.35%	1.771%
38	7.540	920	927	933	rBV7	4552273	9252030	79.36%	2.585%
39	7.598	933	937	941	rBV2	2638090	3619713	31.05%	1.012%
40	7.634	941	943	945	rBV2	1794901	2055595	17.63%	0.574%
41	7.669	947	949	954	rVB2	3491590	3741006	32.09%	1.045%
42	7.716	954	957	958	rBV2	2143763	1616439	13.87%	0.452%
43	7.734	958	960	964	rVB4	2506859	2771306	23.77%	0.774%
44	7.781	964	968	970	rBV2	1584327	2192632	18.81%	0.613%
45	7.851	976	980	981	rBV3	2110724	2188823	18.77%	0.612%
46	7.869	981	983	985	rVV2	2907831	3184823	27.32%	0.890%
47	7.904	985	989	992	rVV5	6212371	9293358	79.72%	2.597%
48	7.939	992	995	997	rVV3	2892494	4627899	39.70%	1.293%
49	7.987	1000	1003	1005	rVV	8249161	8734096	74.92%	2.441%
50	8.034	1009	1011	1014	rVB3	2268275	2007316	17.22%	0.561%
51	8.081	1014	1019	1022	rBV4	2247816	4153611	35.63%	1.161%
52	8.116	1023	1025	1029	rVB2	2327127	2364695	20.28%	0.661%
53	8.210	1035	1041	1044	rBV5	4325660	6837340	58.65%	1.911%
54	8.269	1048	1051	1053	rBV3	2213920	2291454	19.66%	0.640%
55	8.298	1053	1056	1059	rVB3	3624124	4144204	35.55%	1.158%
56	8.351	1059	1065	1068	rBV	8568848	11051561	94.80%	3.088%
57	8.416	1074	1076	1079	rBV3	1382909	1225700	10.51%	0.343%
58	8.457	1079	1083	1085	rBV3	2026043	2403620	20.62%	0.672%
59	8.516	1090	1093	1096	rBV4	2288190	2806754	24.08%	0.784%
60	8.610	1106	1109	1114	rVB3	4720922	7246230	62.16%	2.025%
61	8.722	1126	1128	1131	rVB	2470306	2224717	19.08%	0.622%
62	8.798	1138	1141	1142	rBV2	2582539	2388158	20.48%	0.667%
63	8.822	1142	1145	1148	rVB3	2685389	3490418	29.94%	0.975%
64	8.881	1153	1155	1157	rVV	2605835	2169033	18.61%	0.606%
65	8.922	1160	1162	1163	rVV2	2215789	1862820	15.98%	0.521%
66	8.951	1163	1167	1169	rVB	7122483	7406201	63.53%	2.070%
67	9.075	1185	1188	1189	rBV3	2144977	2189439	18.78%	0.612%
68	9.186	1204	1207	1213	rVB2	2266421	3533691	30.31%	0.987%
69	9.263	1215	1220	1223	rVB2	3381857	5634574	48.33%	1.575%
70	9.334	1228	1232	1234	rVV3	4351850	5389165	46.23%	1.506%
71	9.357	1234	1236	1238	rVV	4193054	3490761	29.94%	0.975%

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72	9.404	1238	1244	1246	rVV2	6409323	8681878	74.47%	2.426%
73	9.422	1246	1247	1250	rVB	1855264	1403430	12.04%	0.392%
74	9.528	1263	1265	1270	rVB4	1361841	1623628	13.93%	0.454%
75	9.575	1271	1273	1276	rVB	2523828	2523137	21.64%	0.705%
76	9.616	1277	1280	1283	rBV2	1474379	1979748	16.98%	0.553%
77	9.645	1283	1285	1287	rBV	2528659	2853132	24.47%	0.797%
78	9.775	1304	1307	1311	rVB	2887240	4293340	36.83%	1.200%
79	9.875	1321	1324	1326	rVB	3868758	3715143	31.87%	1.038%
80	9.916	1329	1331	1332	rVV	2630796	1994457	17.11%	0.557%
81	9.933	1332	1334	1338	rVB4	4154275	4058479	34.81%	1.134%
82	9.986	1341	1343	1346	rVB	1751726	1405974	12.06%	0.393%
83	10.210	1378	1381	1383	rBV3	2559828	2735699	23.47%	0.764%
84	10.298	1394	1396	1398	rBV2	1045167	1193965	10.24%	0.334%
85	10.333	1398	1402	1405	rVB	6200490	7376442	63.27%	2.061%
86	10.416	1413	1416	1418	rBV2	2249245	2499034	21.44%	0.698%
87	10.439	1418	1420	1426	rVB4	2794428	3666014	31.45%	1.024%
88	10.604	1442	1448	1454	rVB2	7820187	11658192	100.00%	3.258%
89	11.063	1522	1526	1532	rVB	6154596	7777732	66.71%	2.173%
90	11.175	1542	1545	1548	rBV2	2729071	2390760	20.51%	0.668%
91	11.410	1582	1585	1588	rVB	2176004	2111914	18.12%	0.590%
92	11.680	1629	1631	1635	rVB	1952687	2080357	17.84%	0.581%
93	12.098	1699	1702	1705	rVB	3089661	3122530	26.78%	0.873%
94	12.204	1718	1720	1724	rBV2	1856716	2140922	18.36%	0.598%
95	12.292	1732	1735	1738	rBV3	1357515	1805433	15.49%	0.505%
96	12.404	1752	1754	1761	rVB3	2779780	3312612	28.41%	0.926%
97	12.592	1783	1786	1788	rBV	2013072	1830125	15.70%	0.511%
98	12.733	1807	1810	1817	rBV2	1494530	2043546	17.53%	0.571%
99	15.798	2327	2331	2347	rVB5	1577419	4150952	35.61%	1.160%
100	16.545	2449	2458	2470	rVB3	3350081	8369156	71.79%	2.339%

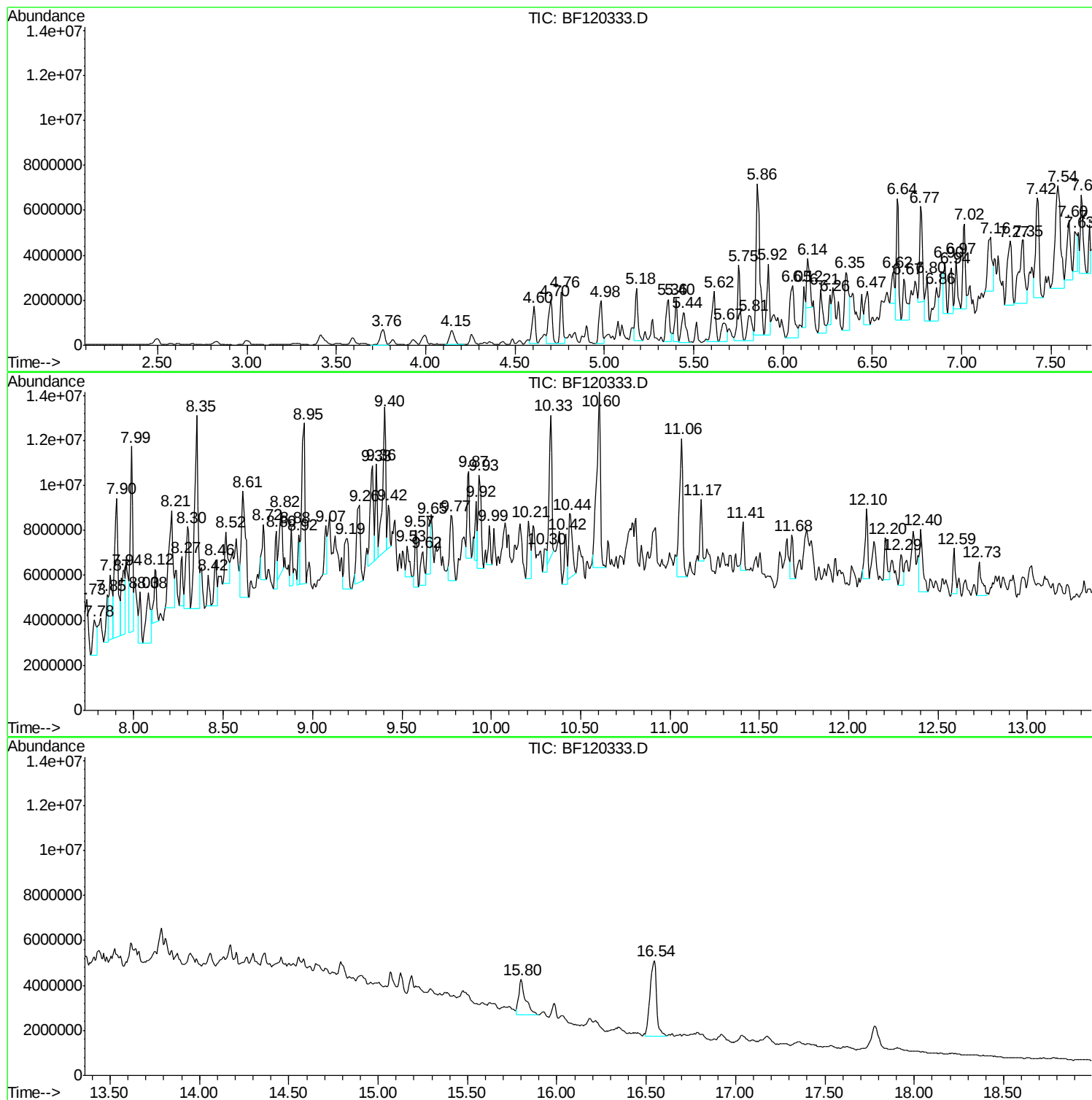
Sum of corrected areas: 357847689

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0F19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampled :
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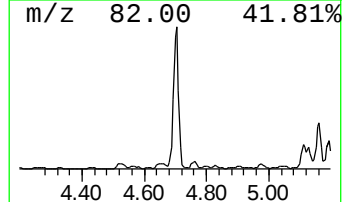
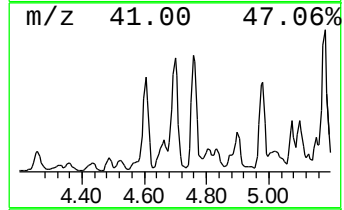
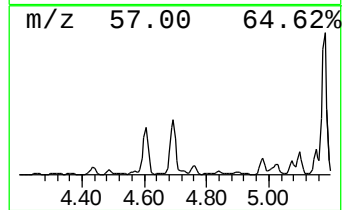
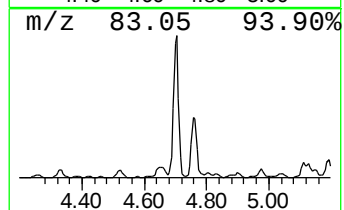
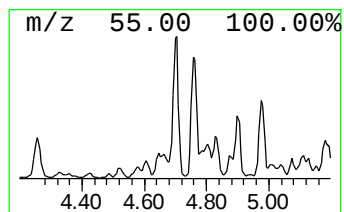
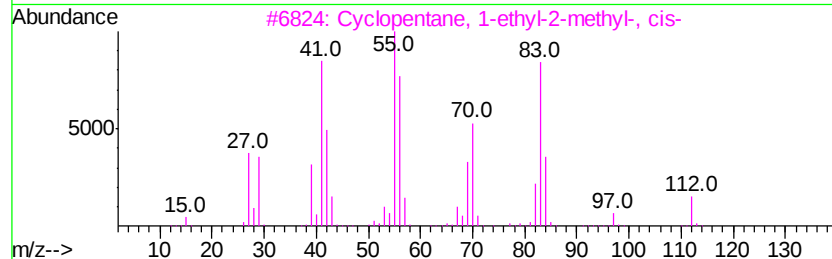
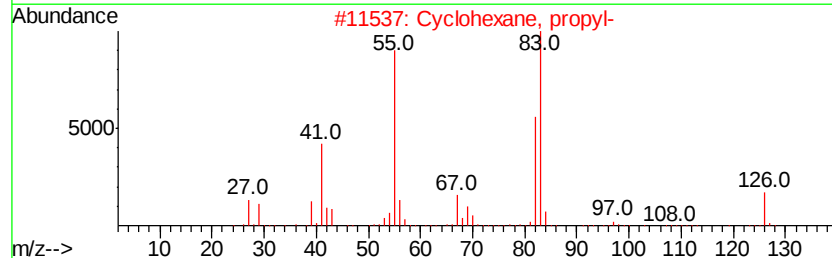
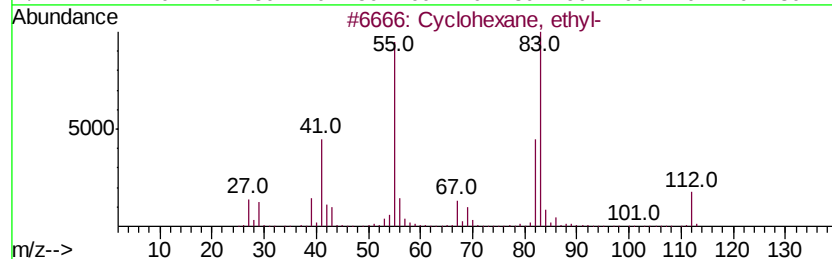
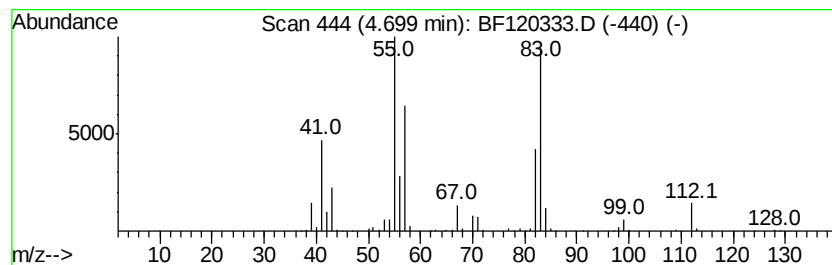
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	33.24 ng	2780750	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3		Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	53
4		3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	52
5		2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	50



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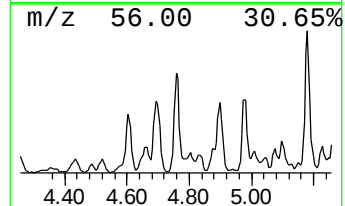
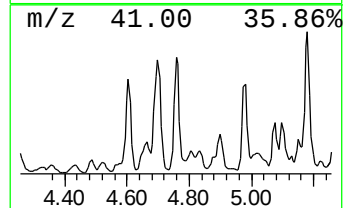
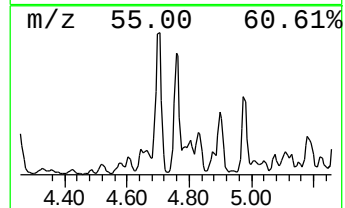
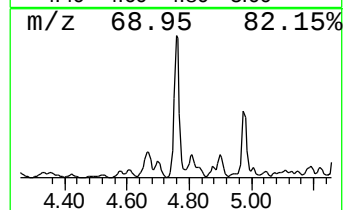
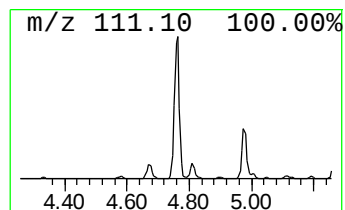
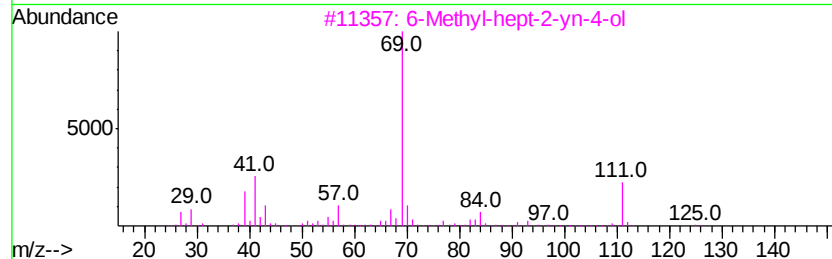
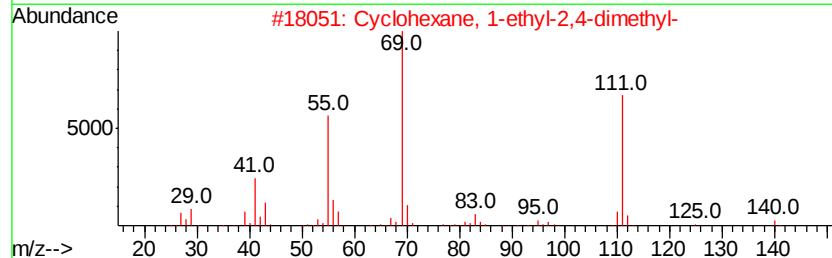
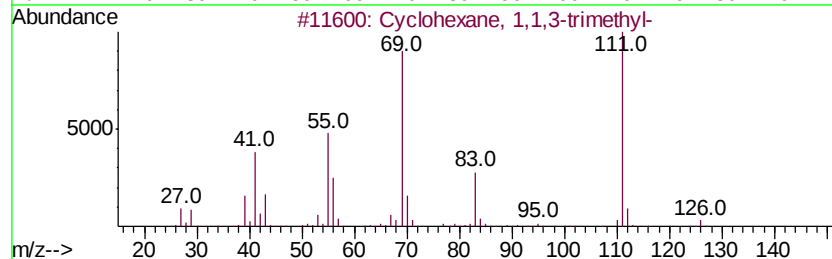
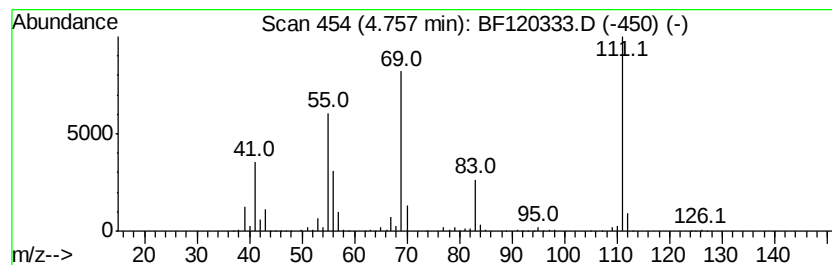
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	33.14 ng	2772320	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
3		6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	64
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
5		3-Heptene, 2-methyl-	112	C8H16	017618-76-7	53



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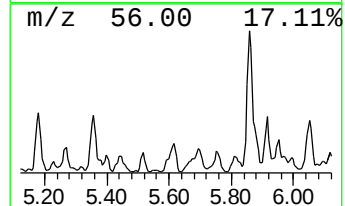
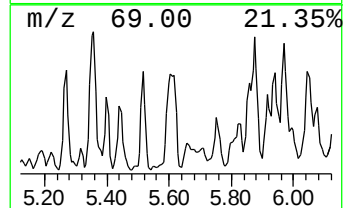
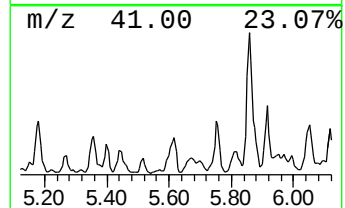
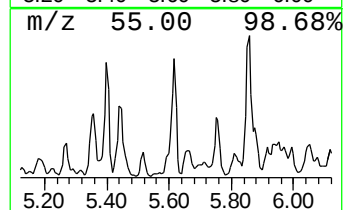
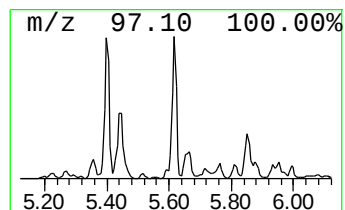
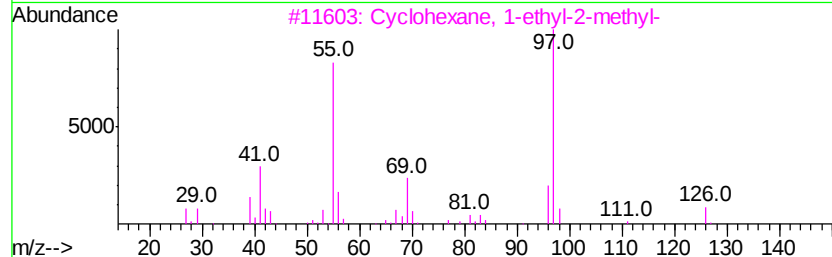
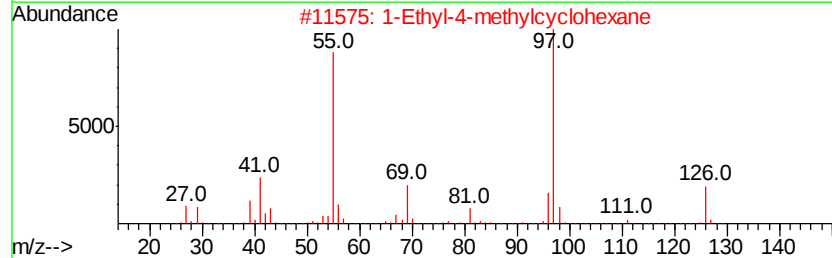
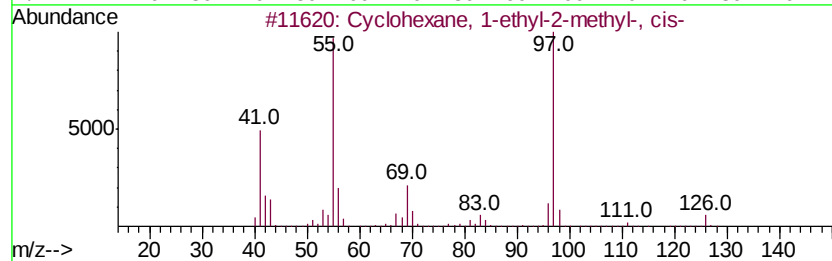
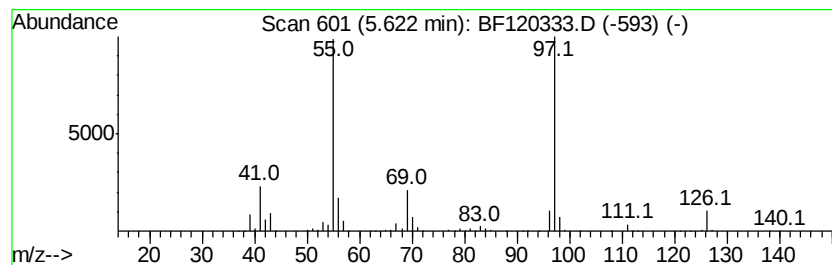
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	39.82 ng	3331280	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
4		Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78
5		Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
Acq On : 15 May 2020 20:39
Operator : MA/SJ
Sample : L2655-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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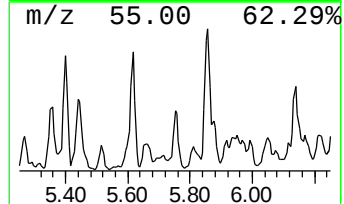
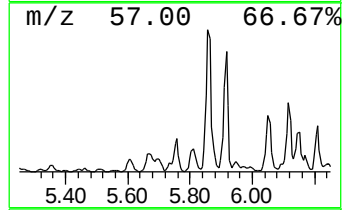
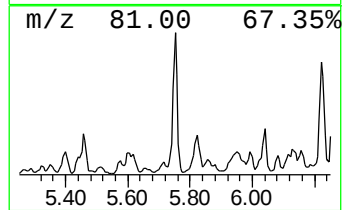
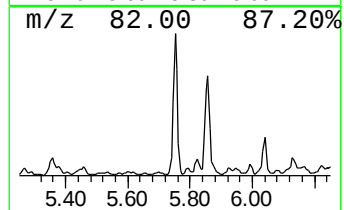
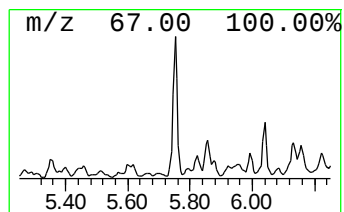
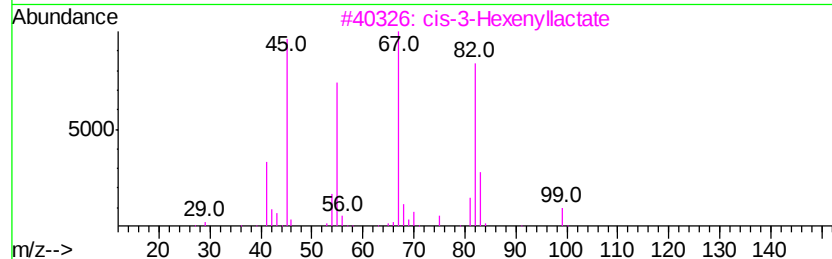
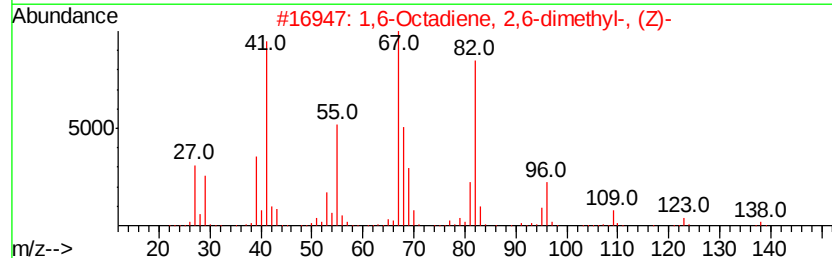
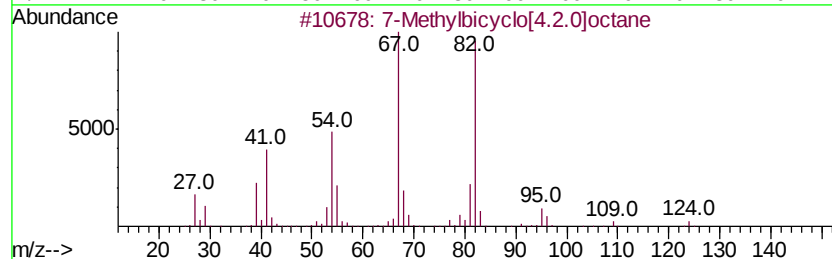
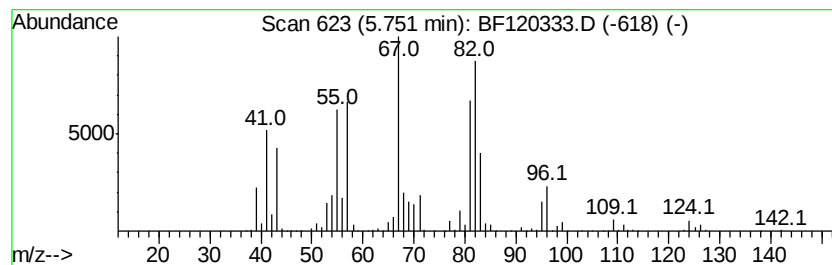
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 7-Methylbicyclo[4.2.0]octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	48.27 ng	4038150	1,4-Dichlorobenzene-d4	6.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	68	
2	1,6-Octadiene, 2,6-dimethyl-, (Z)-	138	C10H18	006874-34-6	64	
3	cis-3-Hexenyl lactate	172	C9H16O3	061931-81-5	64	
4	Cyclohexanepropanol-	142	C9H18O	001124-63-6	50	
5	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	49	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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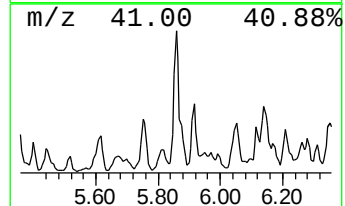
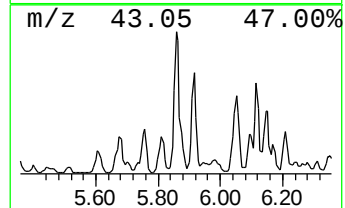
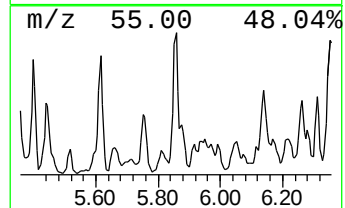
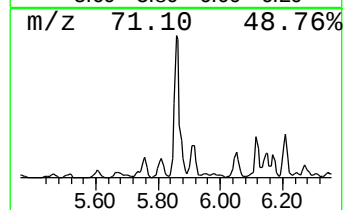
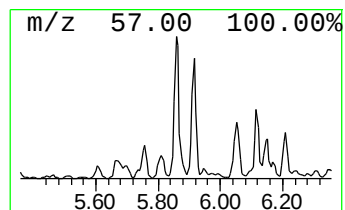
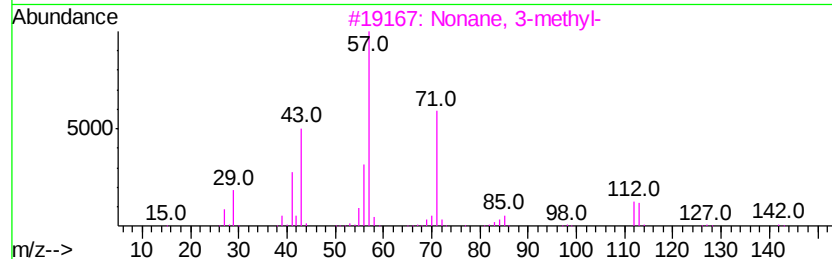
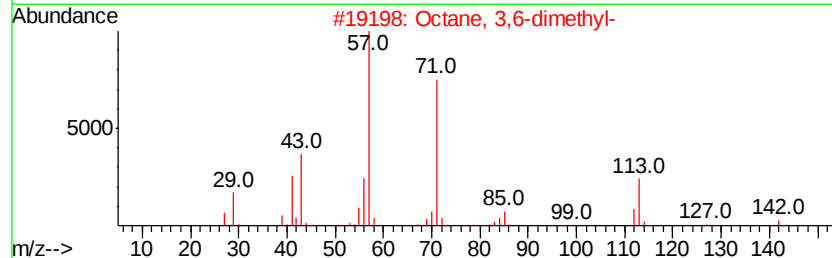
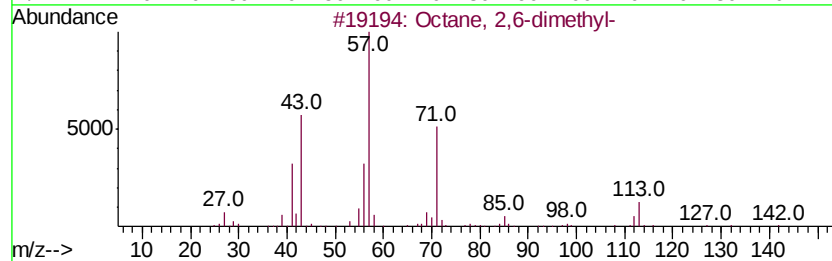
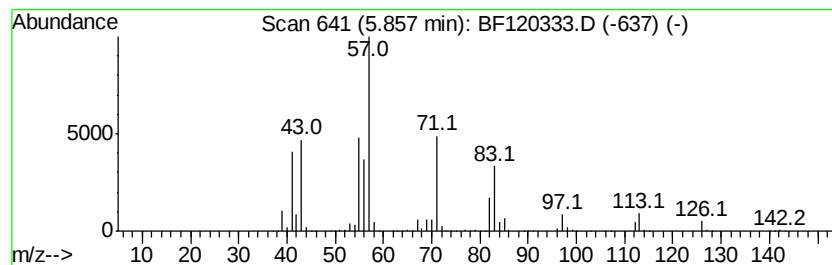
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	104.40 ng	8733860	1,4-Dichlorobenzene-d4	6.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
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ALS Vial : 21 Sample Multiplier: 1

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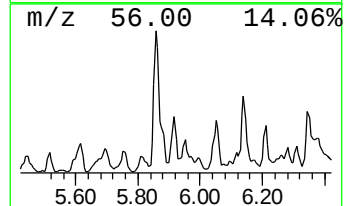
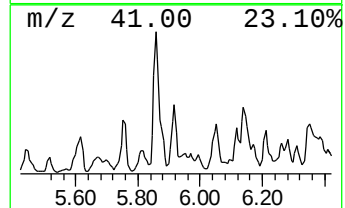
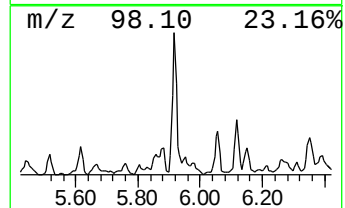
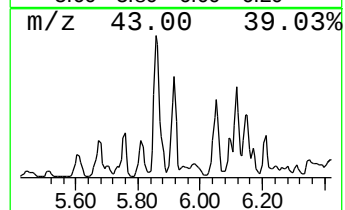
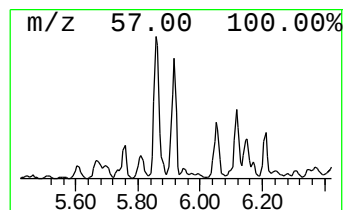
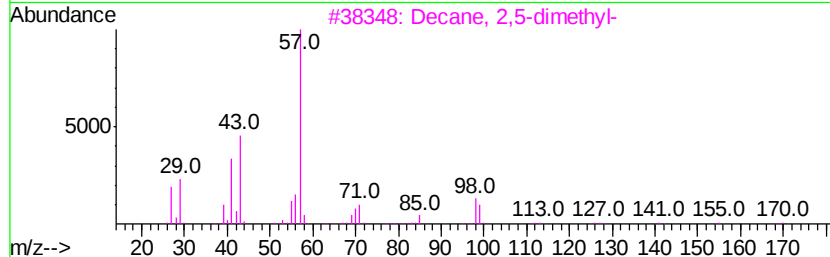
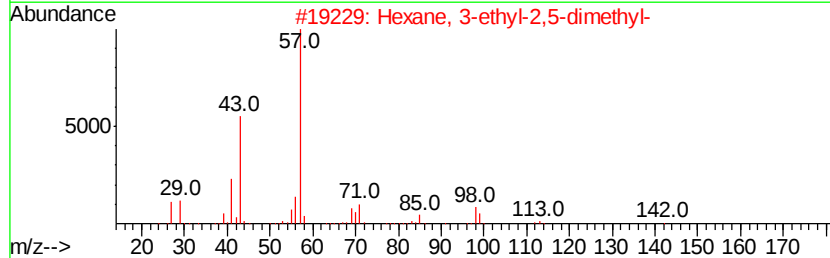
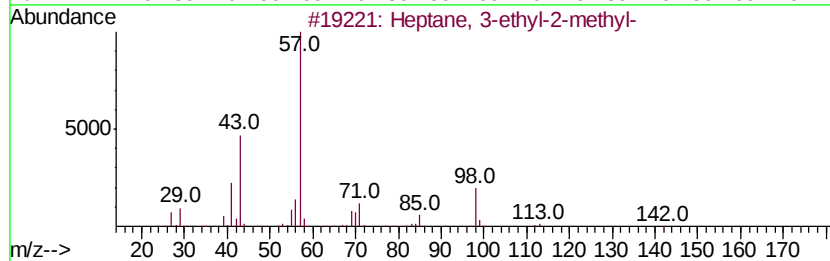
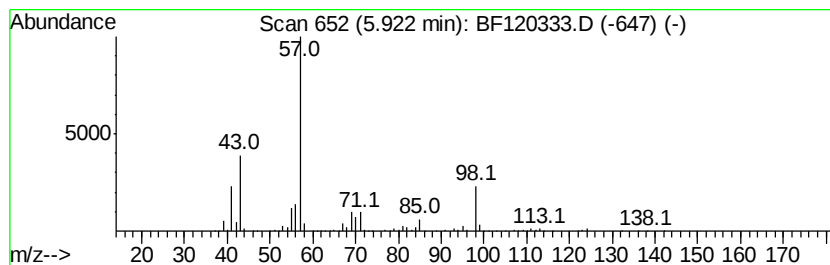
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptane, 3-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	36.98 ng	3093300	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	68
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	56
5		Tridecane, 2,2,4,10,12,12-hexame...	394	C28H58	003035-75-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
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ALS Vial : 21 Sample Multiplier: 1

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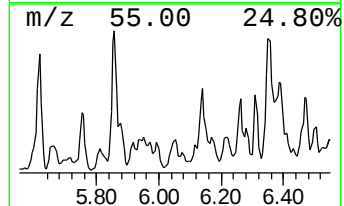
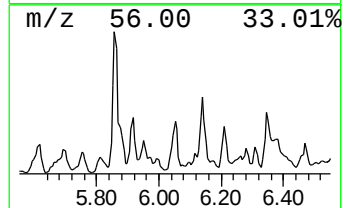
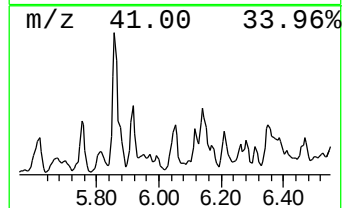
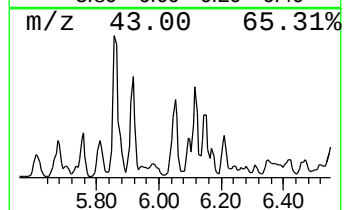
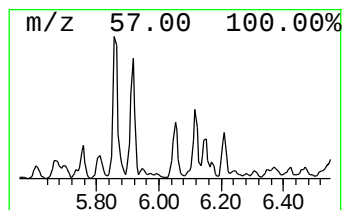
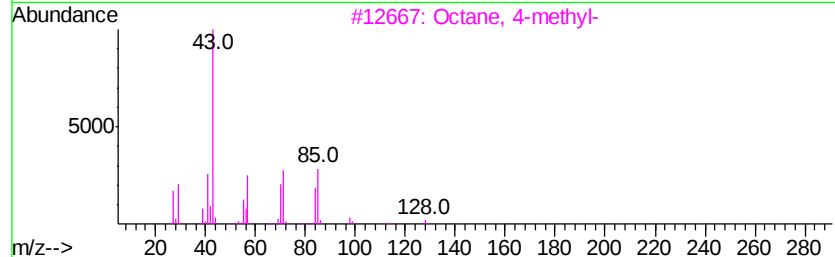
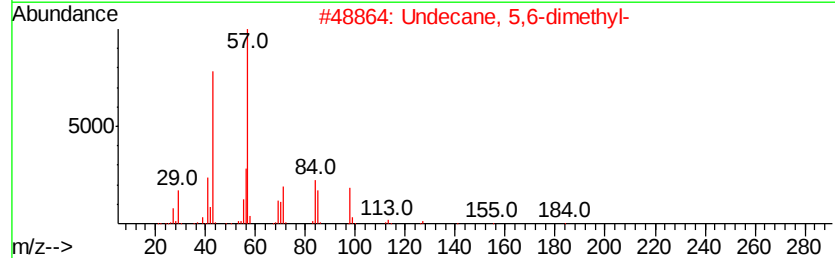
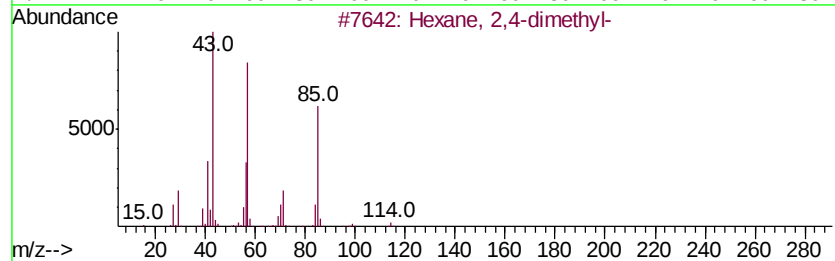
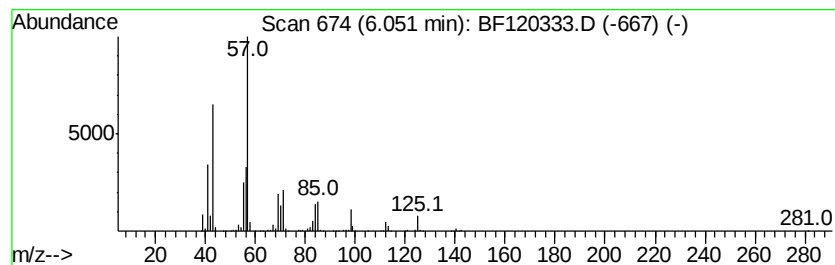
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	50.82 ng	4251640	1,4-Dichlorobenzene-d4	6.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64	
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47	
3	Octane, 4-methyl-	128	C9H20	002216-34-4	47	
4	3-Octen-2-one, 7-methyl-	140	C9H16O	033046-81-0	47	
5	Decane	142	C10H22	000124-18-5	47	



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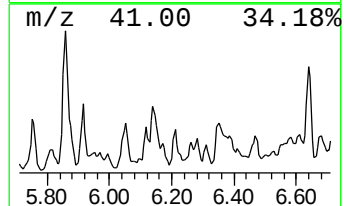
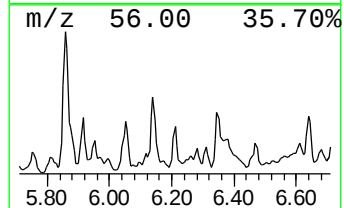
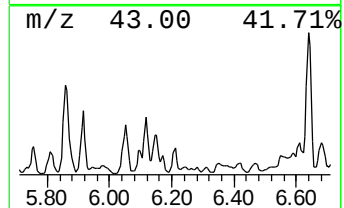
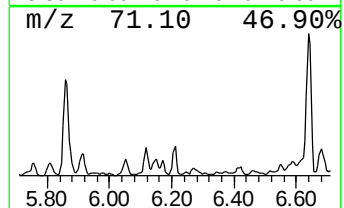
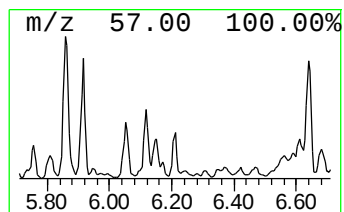
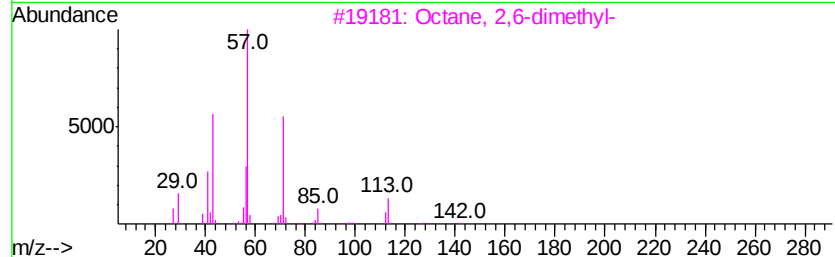
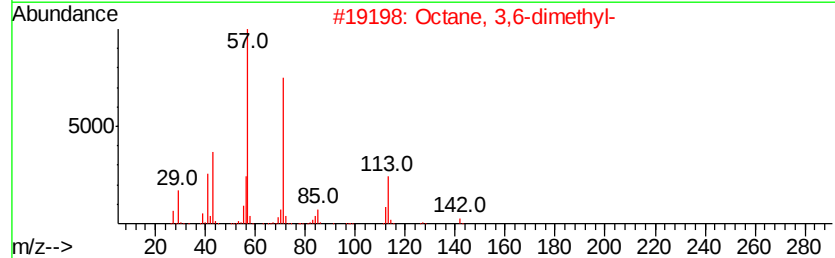
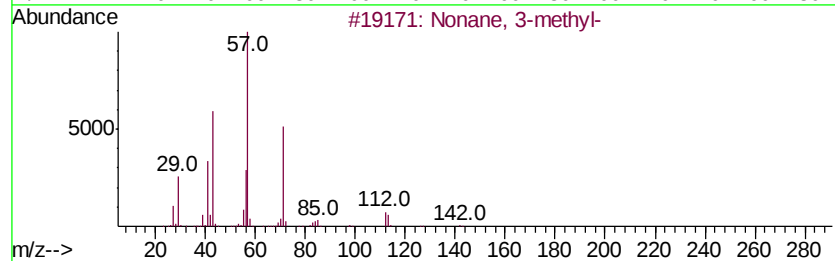
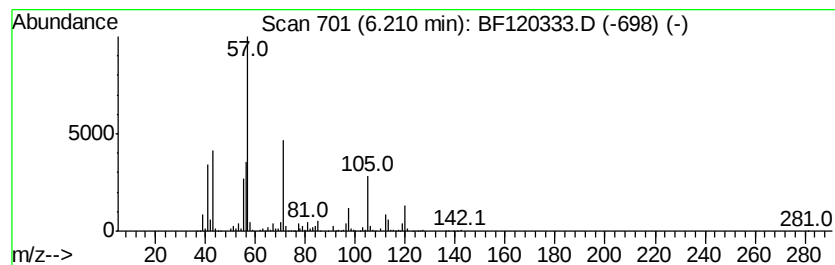
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	31.73 ng	2654700	1,4-Dichlorobenzene-d4	6.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	58
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	47
3	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	47
4	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	43
5	Undecane, 3-methyl-	170 C12H26	001002-43-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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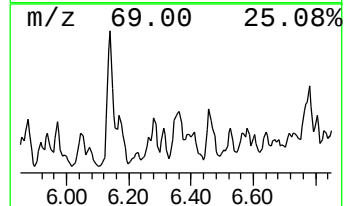
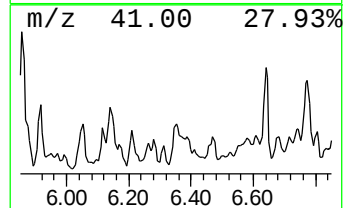
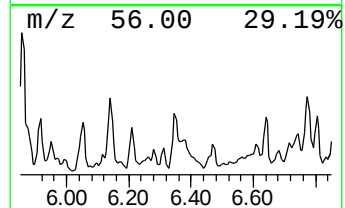
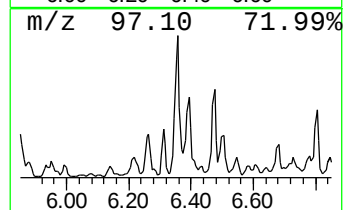
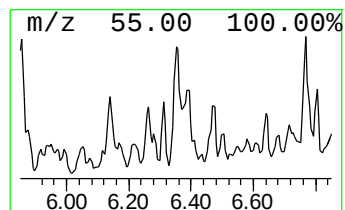
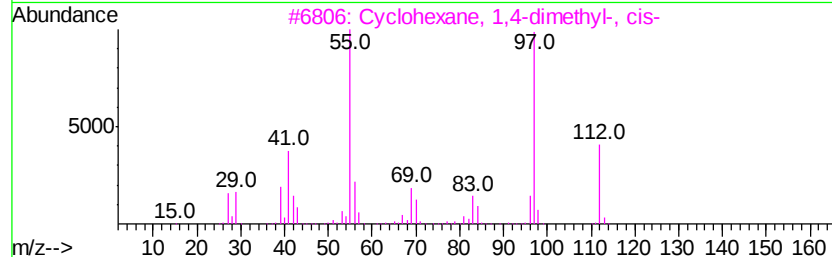
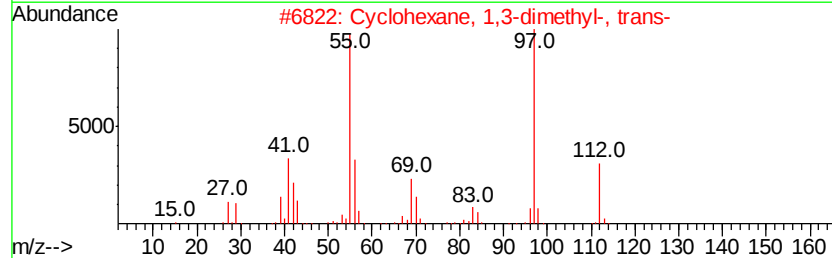
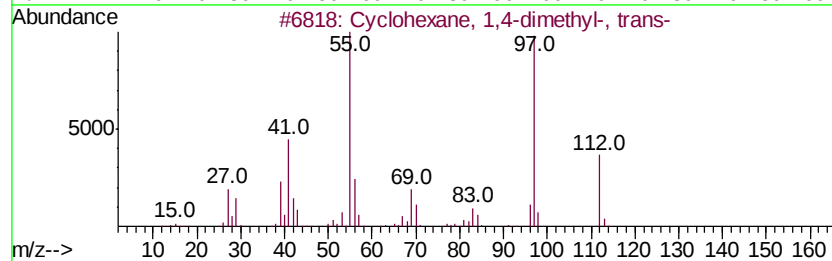
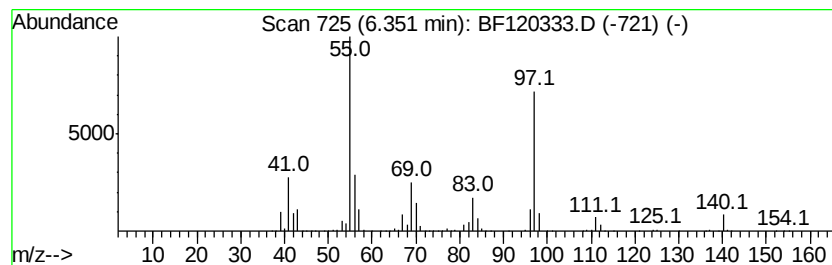
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	56.44 ng	4722000	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	83
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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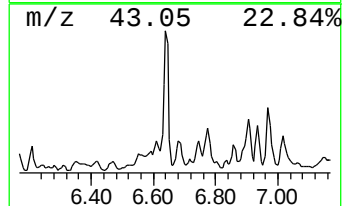
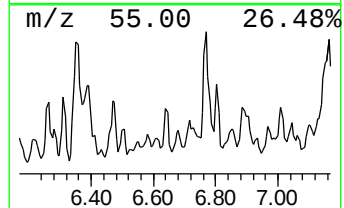
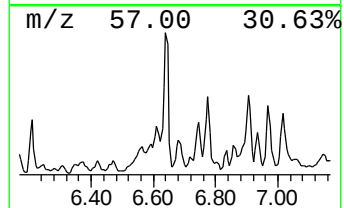
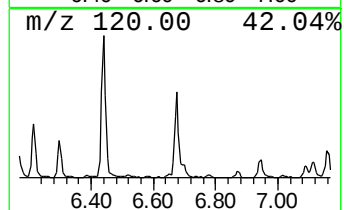
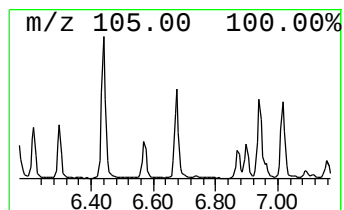
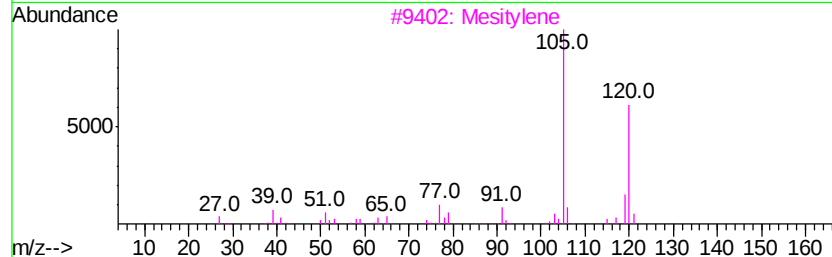
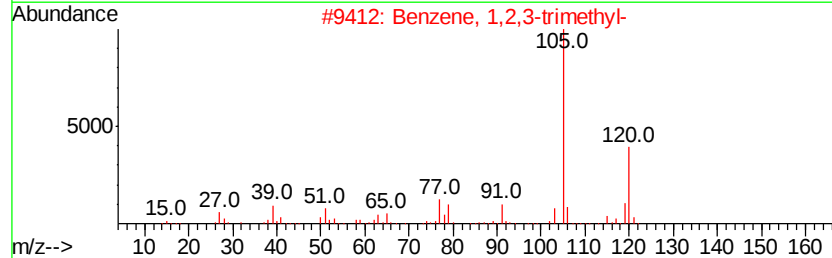
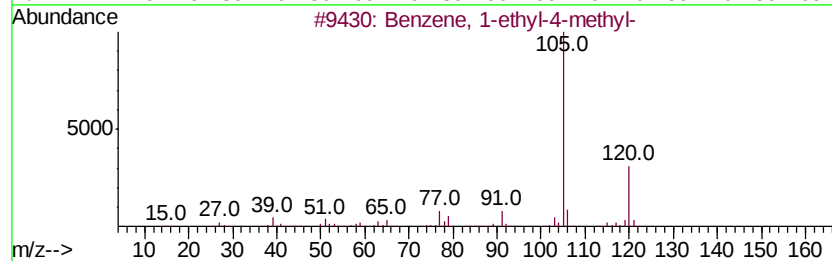
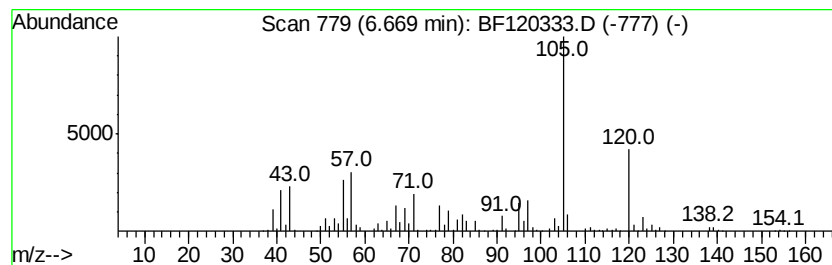
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.67 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	33.88 ng	2834650	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
3		Mesitylene	120	C9H12	000108-67-8	38
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	30
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
Acq On : 15 May 2020 20:39
Operator : MA/SJ
Sample : L2655-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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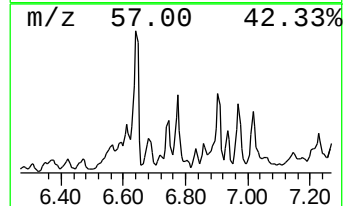
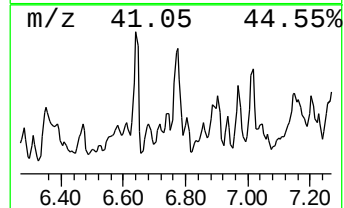
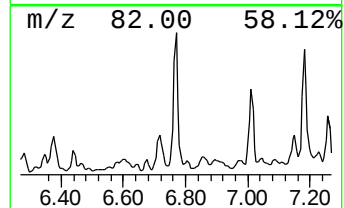
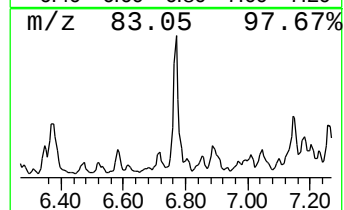
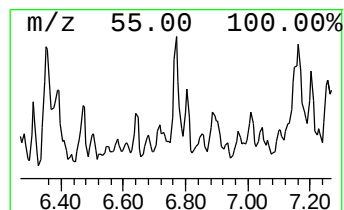
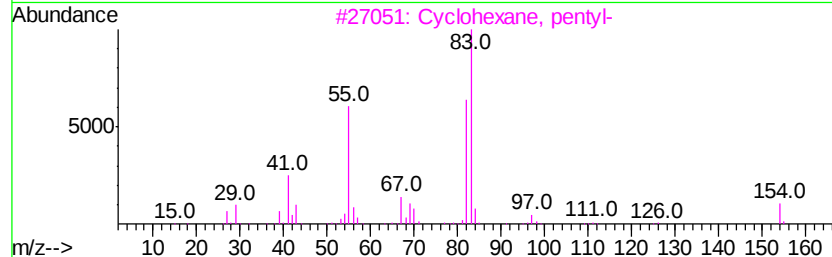
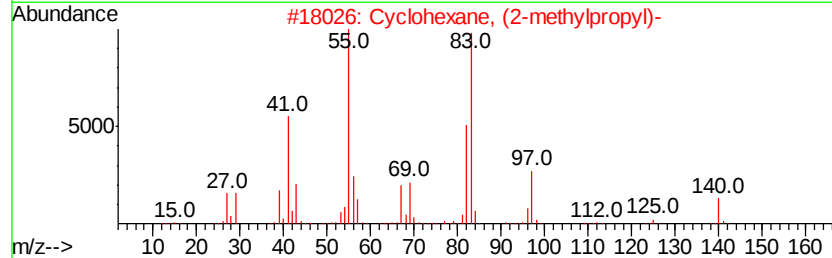
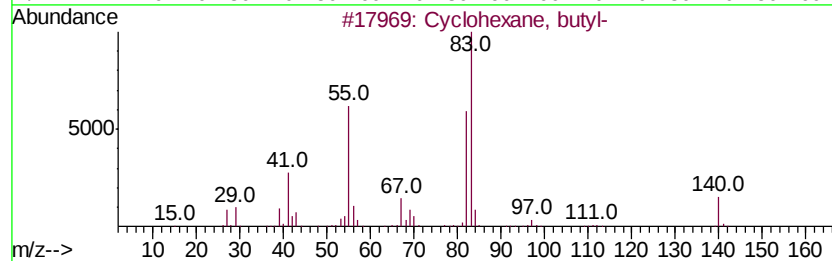
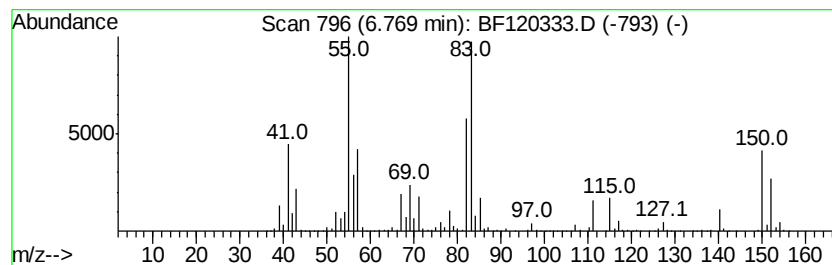
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	60.34 ng	5047640	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	62
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4		1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	47
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
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Sample : L2655-01 5X
Misc :
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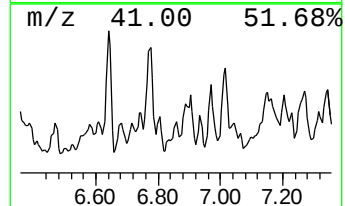
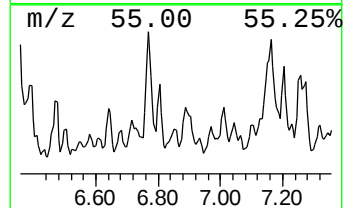
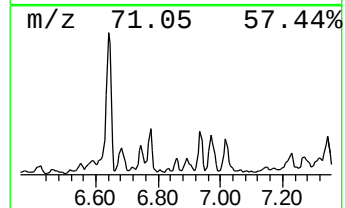
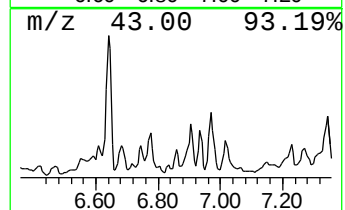
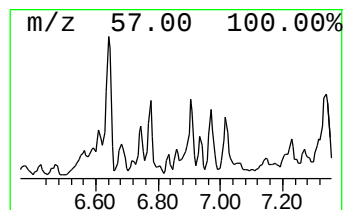
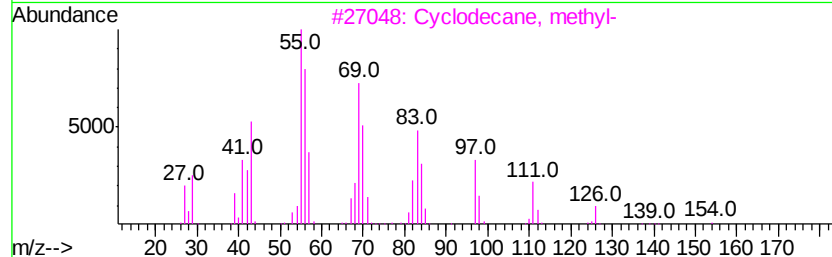
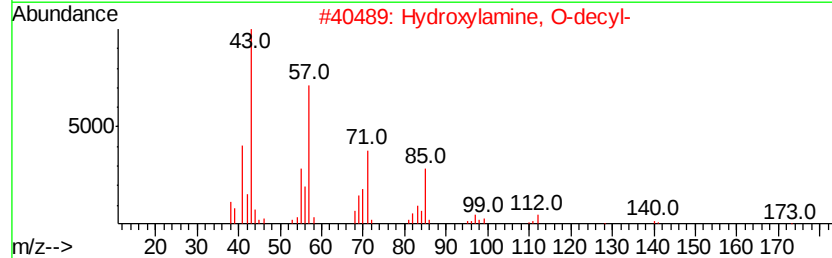
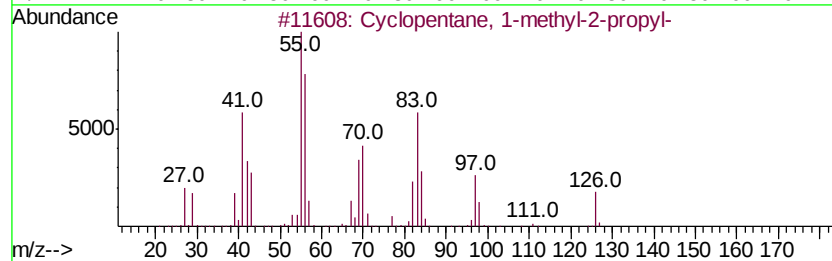
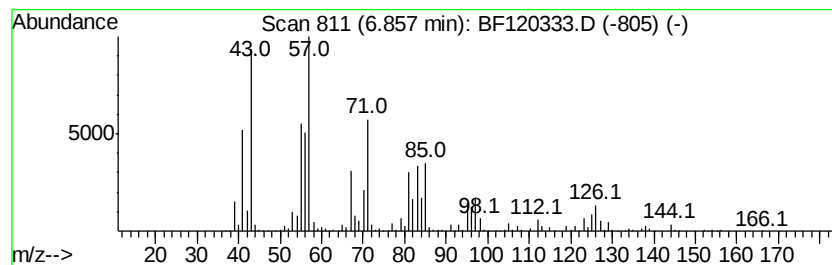
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopentane, 1-methyl-2-pr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	29.41 ng	2460280	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	60
2		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
3		Cyclodecane, methyl-	154	C11H22	013151-43-4	38
4		trans--4-Nonene	126	C9H18	010405-85-3	38
5		1-Tridecene	182	C13H26	002437-56-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
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Operator : MA/SJ
Sample : L2655-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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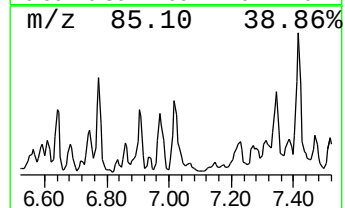
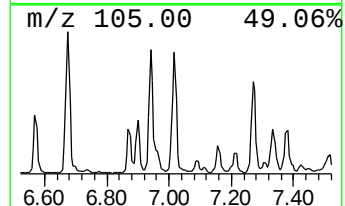
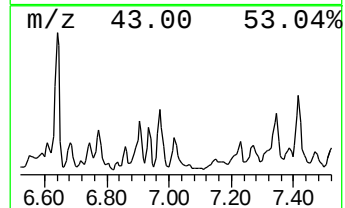
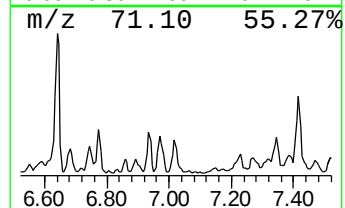
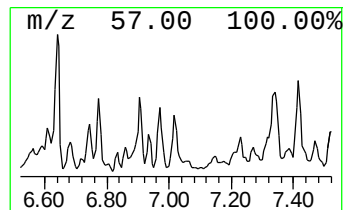
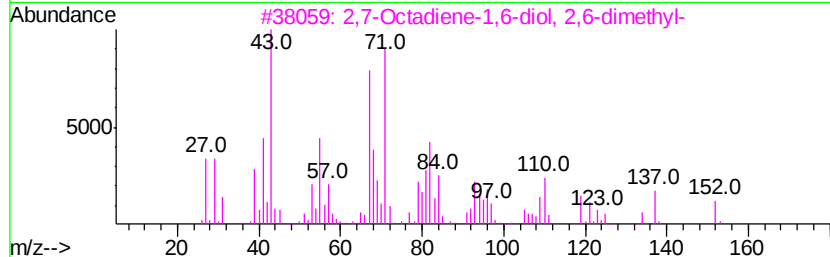
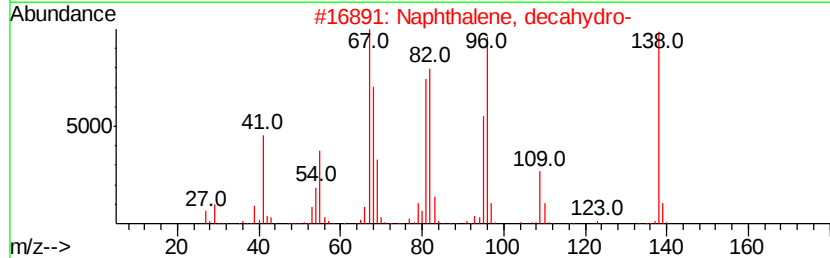
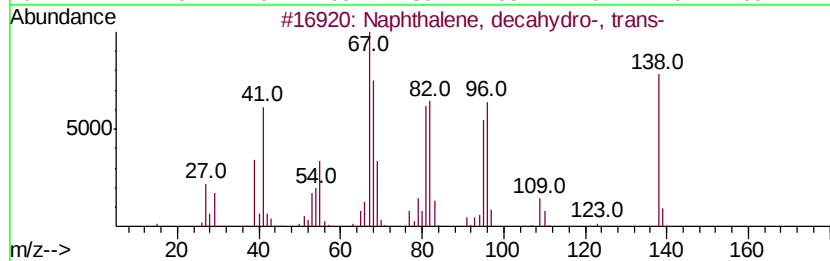
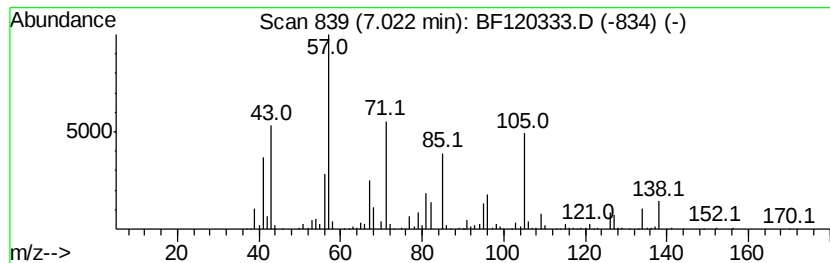
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	50.19 ng	4198370	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	86
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	60
3		2,7-Octadiene-1,6-diol, 2,6-dime...	170	C10H18O2	064142-78-5	47
4		Cyclodecene	138	C10H18	003618-12-0	46
5		Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
Acq On : 15 May 2020 20:39
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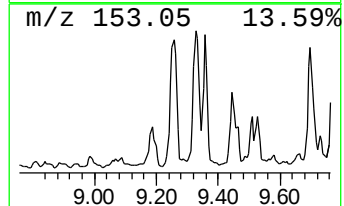
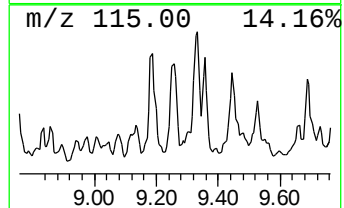
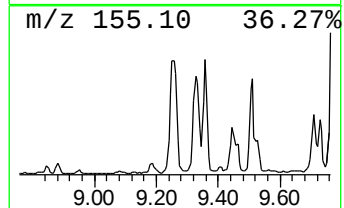
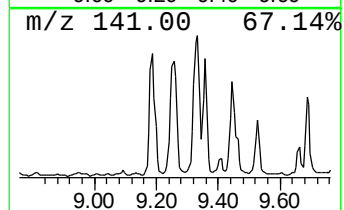
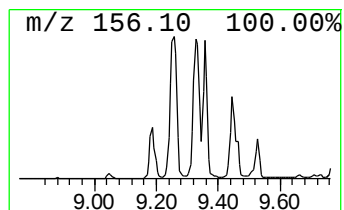
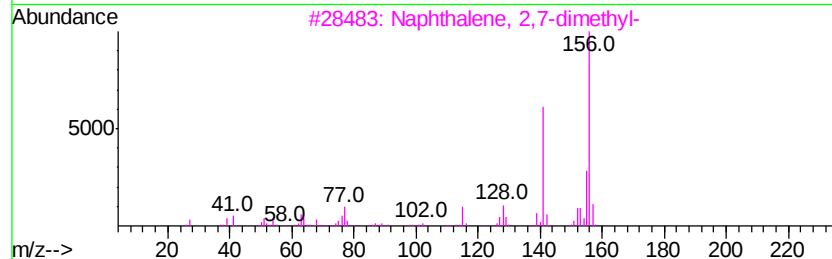
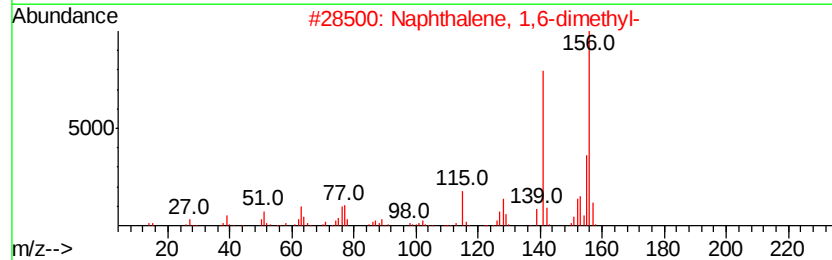
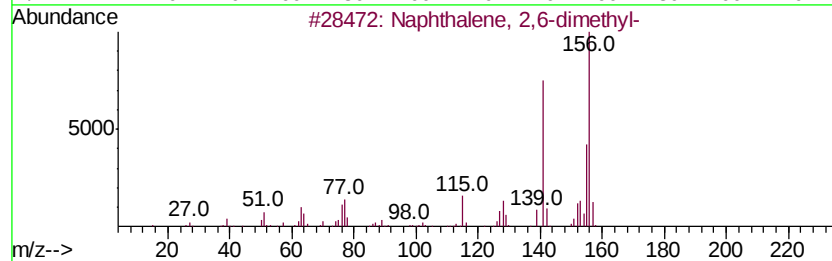
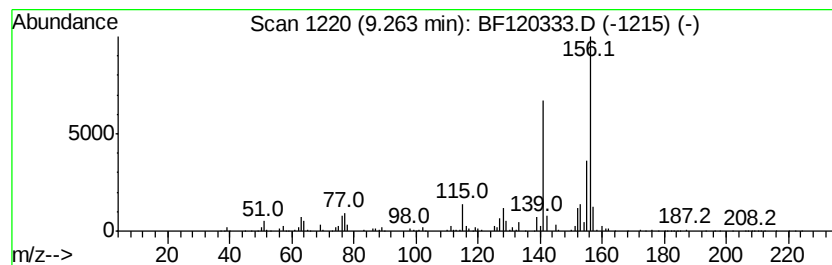
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	39.50 ng	5634570	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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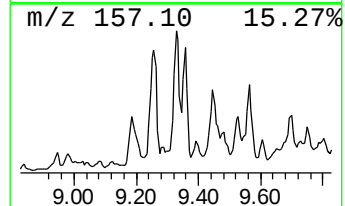
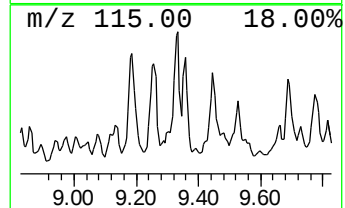
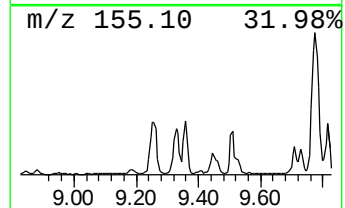
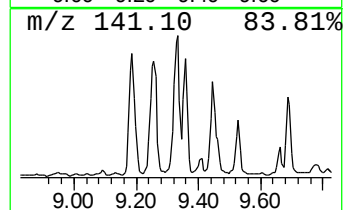
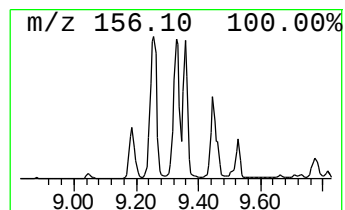
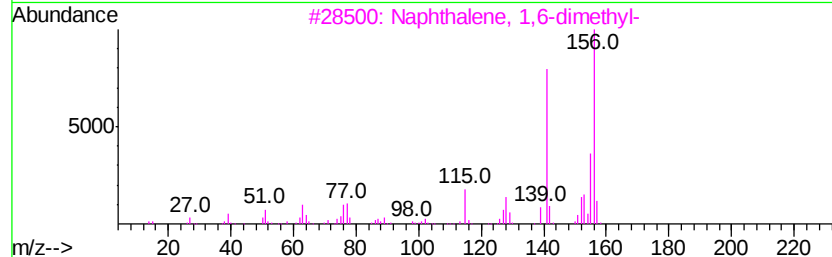
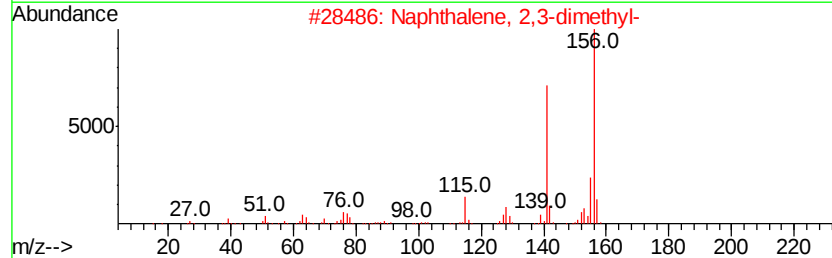
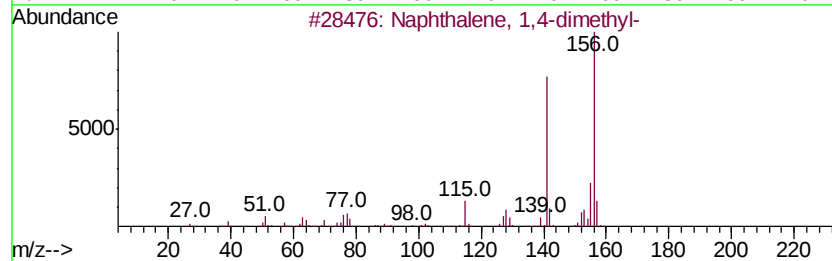
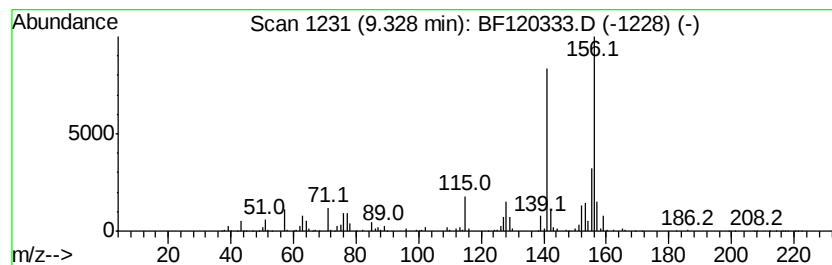
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	37.78 ng	5389170	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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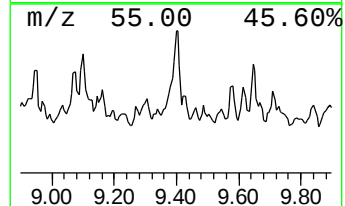
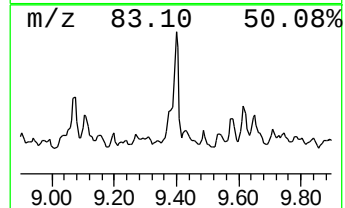
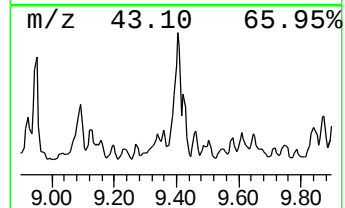
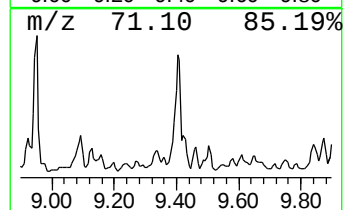
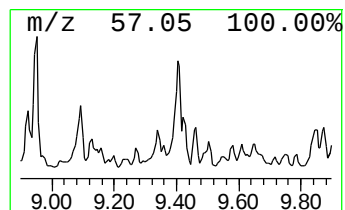
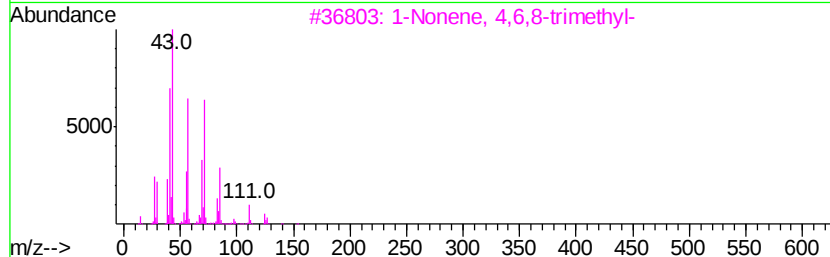
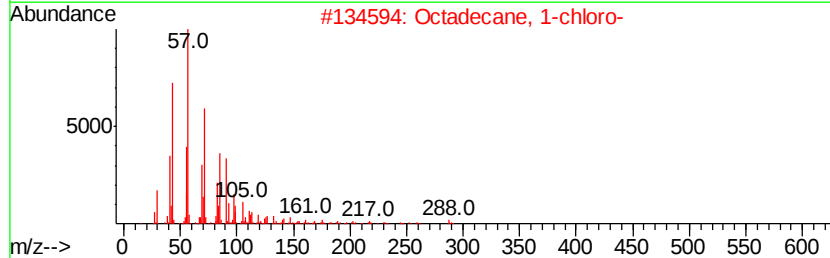
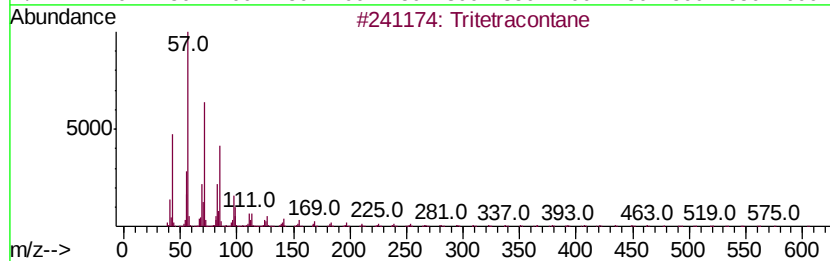
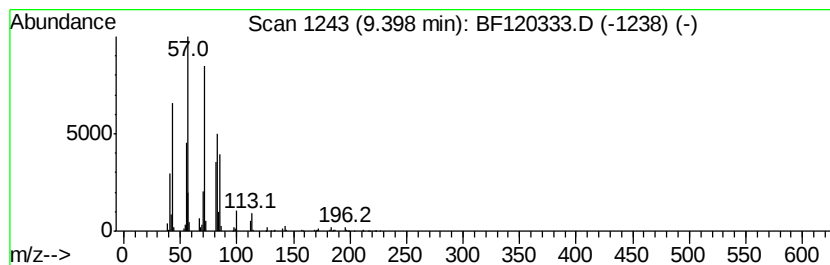
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	60.86 ng	8681880	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	86
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
3		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	59
4		Decane, 5-propyl-	184	C13H28	017312-62-8	58
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0F19

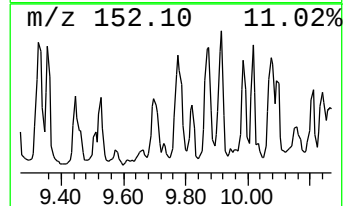
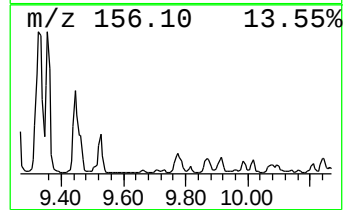
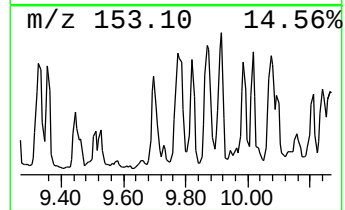
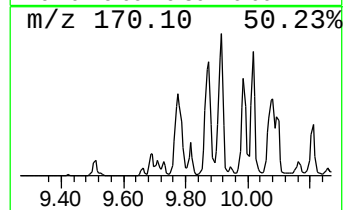
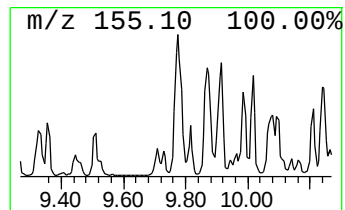
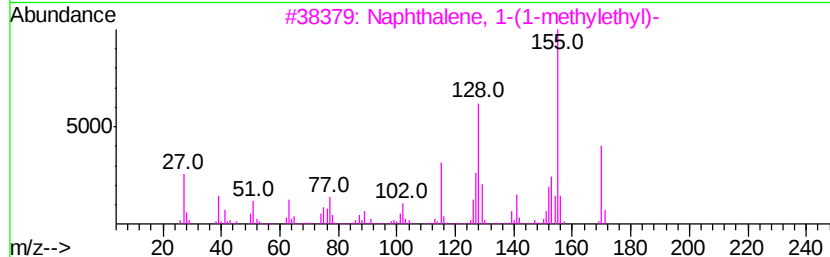
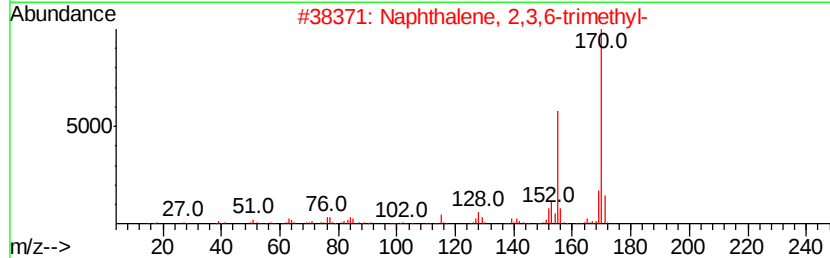
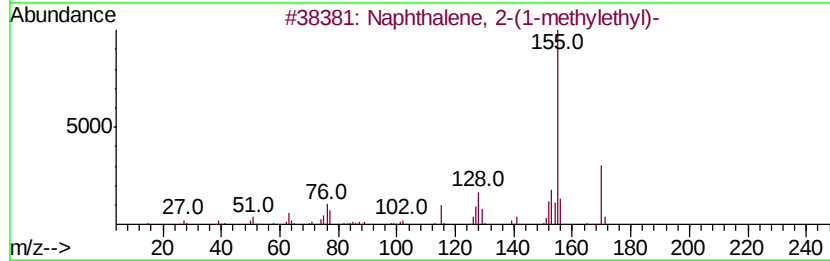
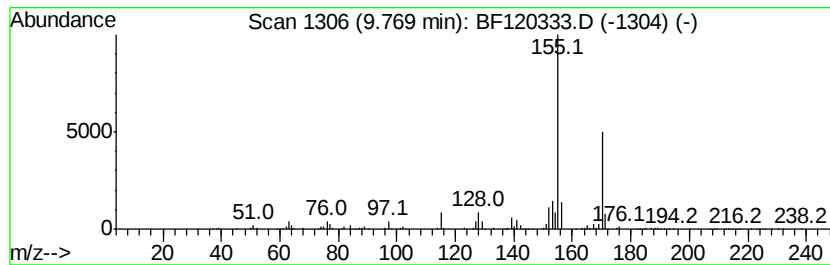
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	30.10 ng	4293340	Acenaphthene-d10	9.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120333.D
 Acq On : 15 May 2020 20:39
 Operator : MA/SJ
 Sample : L2655-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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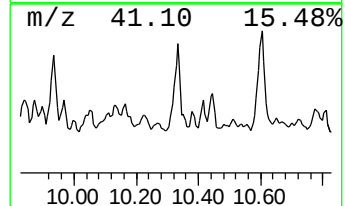
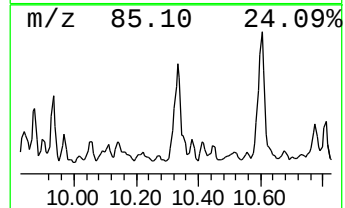
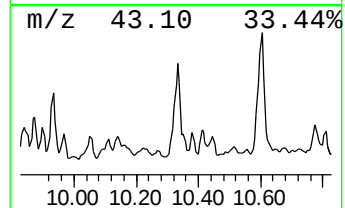
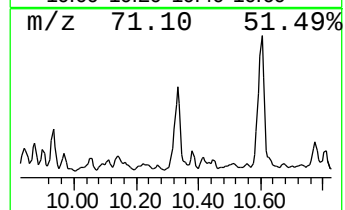
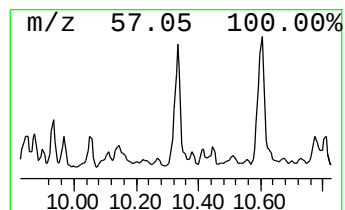
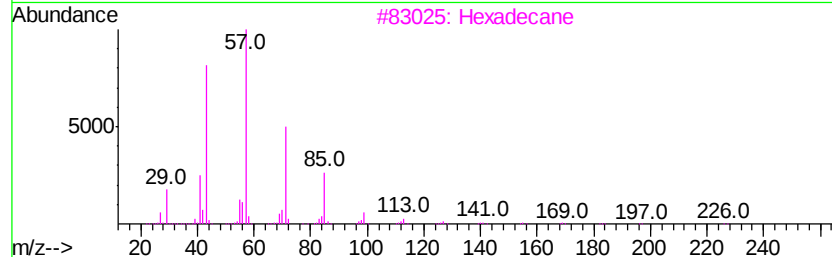
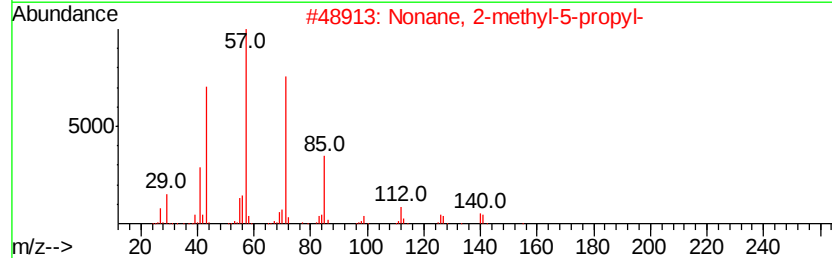
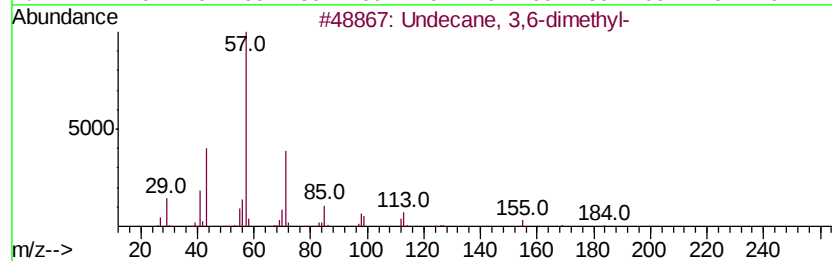
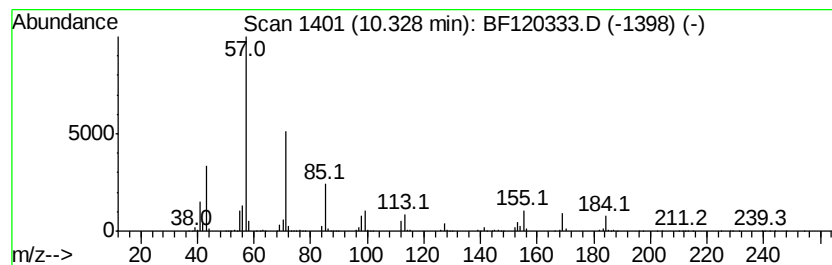
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	51.71 ng	7376440	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120333.D
Acq On : 15 May 2020 20:39
Operator : MA/SJ
Sample : L2655-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0F19

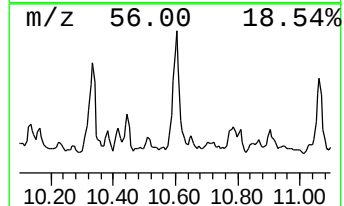
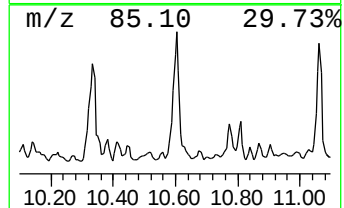
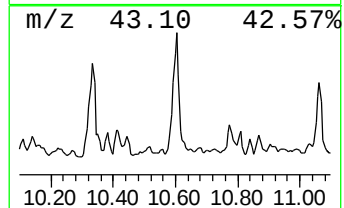
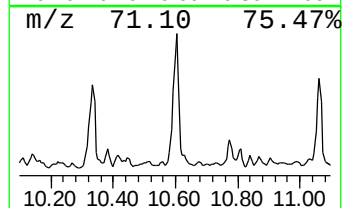
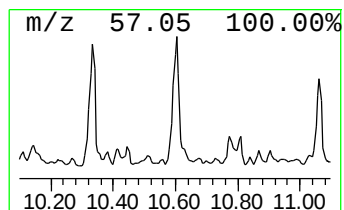
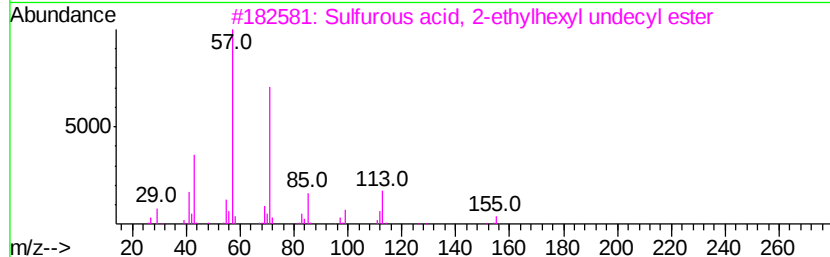
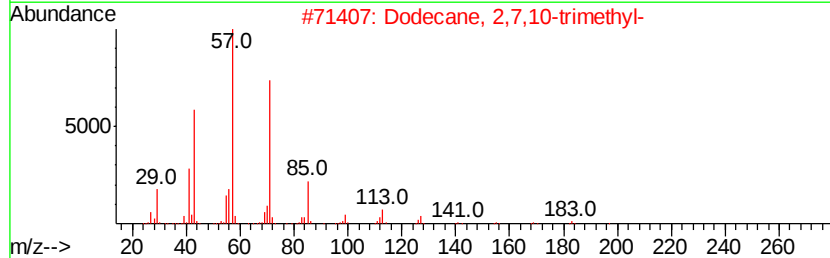
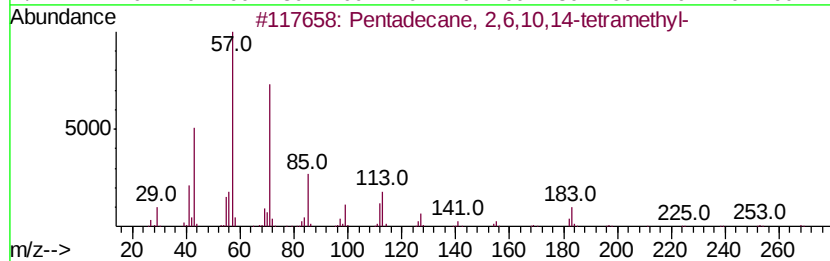
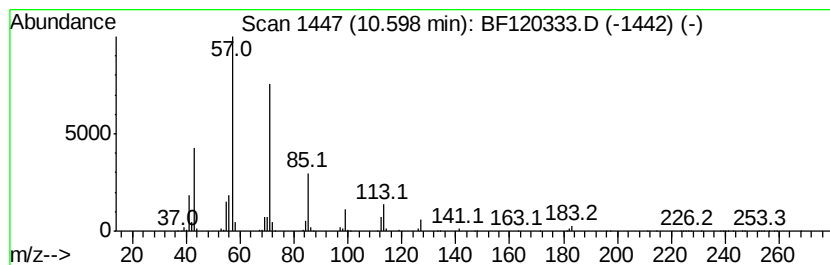
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	97.53 ng	11658200	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Acq On : 15 May 2020 20:39
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Sample : L2655-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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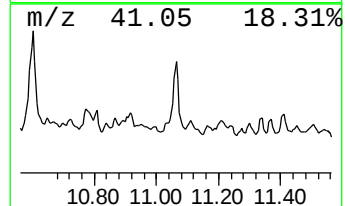
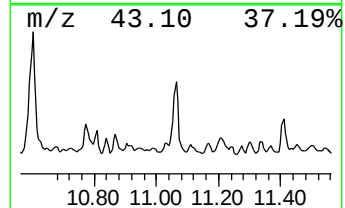
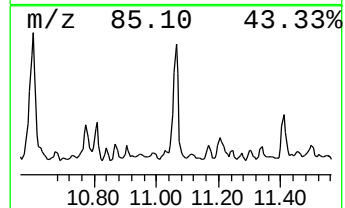
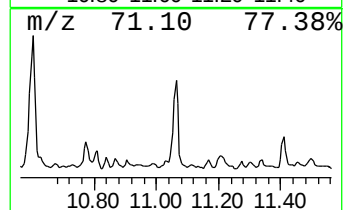
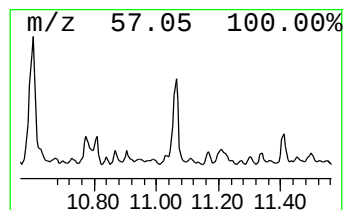
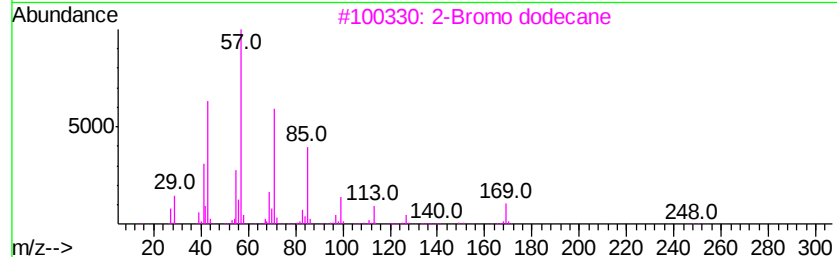
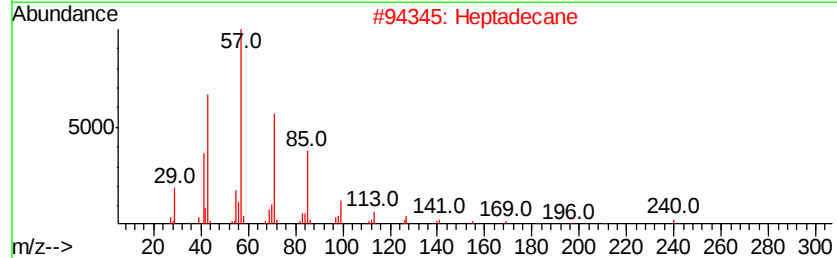
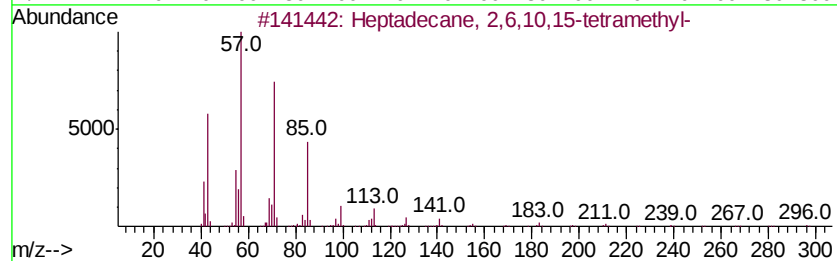
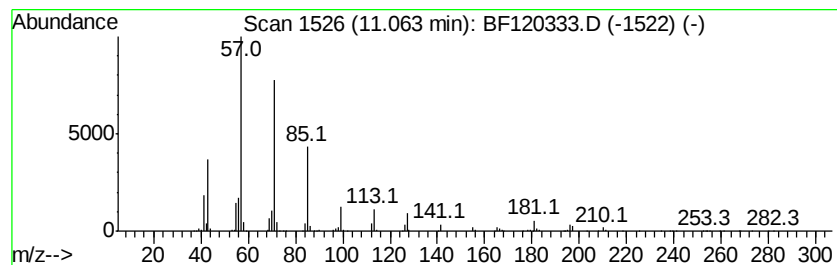
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	65.06 ng	7777730	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Heptadecane	240	C17H36	000629-78-7	83
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
 Data File : BF120333.D
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 Sample : L2655-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, ethyl-	4.70	33.2	ng	2780750	1	6.62	1673140	20.0
Cyclohexane, 1,1,...	4.76	33.1	ng	2772320	1	6.62	1673140	20.0
Cyclohexane, 1-et...	5.62	39.8	ng	3331280	1	6.62	1673140	20.0
7-Methylbicyclo[4...	5.75	48.3	ng	4038150	1	6.62	1673140	20.0
Octane, 2,6-dimet...	5.86	104.4	ng	8733860	1	6.62	1673140	20.0
Heptane, 3-ethyl-...	5.92	37.0	ng	3093300	1	6.62	1673140	20.0
Hexane, 2,4-dimet...	6.05	50.8	ng	4251640	1	6.62	1673140	20.0
Nonane, 3-methyl-	6.21	31.7	ng	2654700	1	6.62	1673140	20.0
Cyclohexane, 1,4-...	6.35	56.4	ng	4722000	1	6.62	1673140	20.0
unknown6.67	6.67	33.9	ng	2834650	1	6.62	1673140	20.0
Cyclohexane, butyl-	6.77	60.3	ng	5047640	1	6.62	1673140	20.0
Cyclopentane, 1-m...	6.86	29.4	ng	2460280	1	6.62	1673140	20.0
Naphthalene, deca...	7.02	50.2	ng	4198370	1	6.62	1673140	20.0
Naphthalene, 2,6-...	9.26	39.5	ng	5634570	3	9.66	2853130	20.0
Naphthalene, 1,4-...	9.33	37.8	ng	5389170	3	9.66	2853130	20.0
Tritetracontane	9.40	60.9	ng	8681880	3	9.66	2853130	20.0
Naphthalene, 2-(1...	9.77	30.1	ng	4293340	3	9.66	2853130	20.0
Undecane, 3,6-dim...	10.33	51.7	ng	7376440	3	9.66	2853130	20.0
Pentadecane, 2,6,...	10.60	97.5	ng	11658200	4	11.15	2390760	20.0
Heptadecane, 2,6,...	11.06	65.1	ng	7777730	4	11.15	2390760	20.0