

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
 Data File : BM029703.D
 Acq On : 29 Apr 2021 00:02
 Operator : CG/JU
 Sample : M2109-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-1

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_M\Methods\8270-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.204	387	394	404	rBV	653032	945267	19.23%	0.744%
2	6.787	652	663	677	rBV2	604669	1304761	26.54%	1.026%
3	7.257	735	743	748	rBV2	386115	733366	14.92%	0.577%
4	7.592	793	800	808	rVB2	328411	721607	14.68%	0.568%
5	8.704	979	989	994	rBV2	510891	1036988	21.09%	0.816%
6	8.763	994	999	1008	rVV2	374165	1047807	21.31%	0.824%
7	8.951	1020	1031	1037	rBV8	248150	746881	15.19%	0.588%
8	9.033	1037	1045	1050	rBV2	182667	480402	9.77%	0.378%
9	9.233	1074	1079	1084	rVV2	219230	557746	11.35%	0.439%
10	9.286	1084	1088	1099	rVV2	346020	870874	17.72%	0.685%
11	9.575	1132	1137	1145	rVV6	249369	638817	12.99%	0.503%
12	9.645	1145	1149	1152	rVV2	261398	497161	10.11%	0.391%
13	9.792	1169	1174	1178	rVV3	525634	1007620	20.50%	0.793%
14	9.828	1178	1180	1183	rVV3	260018	392281	7.98%	0.309%
15	9.857	1183	1185	1193	rVB2	304569	460900	9.38%	0.363%
16	9.933	1193	1198	1202	rBV2	249773	506351	10.30%	0.398%
17	10.022	1209	1213	1219	rVB	310958	498356	10.14%	0.392%
18	10.375	1265	1273	1279	rVV2	737907	1769772	36.00%	1.392%
19	10.439	1279	1284	1291	rVV2	519714	1160183	23.60%	0.913%
20	10.504	1291	1295	1300	rVV	339113	559424	11.38%	0.440%
21	10.557	1300	1304	1309	rVB	636982	923710	18.79%	0.727%
22	10.610	1309	1313	1321	rVB3	222887	440237	8.96%	0.346%
23	11.051	1384	1388	1391	rVV2	285051	524886	10.68%	0.413%
24	11.092	1391	1395	1399	rVV4	383772	719883	14.64%	0.566%
25	11.163	1403	1407	1413	rVB2	266769	495241	10.07%	0.390%
26	11.233	1413	1419	1425	rBV4	315418	590576	12.01%	0.465%
27	11.310	1425	1432	1439	rBV3	620101	1283237	26.10%	1.010%
28	11.422	1446	1451	1460	rBV4	1040096	2216889	45.10%	1.744%
29	11.498	1460	1464	1470	rVB2	287617	510485	10.38%	0.402%
30	11.580	1471	1478	1487	rBV2	807310	1516292	30.84%	1.193%
31	11.680	1487	1495	1499	rBV6	190395	460155	9.36%	0.362%
32	11.945	1536	1540	1547	rVB2	433737	851631	17.32%	0.670%
33	12.063	1551	1560	1567	rVB	2209600	4131684	84.05%	3.250%
34	12.280	1591	1597	1601	rBV	1349837	2354186	47.89%	1.852%
35	12.321	1601	1604	1608	rVV2	773941	1118112	22.74%	0.880%
36	12.516	1633	1637	1644	rVB5	352455	819199	16.66%	0.644%

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Integrator: RTE

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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_M\Methods\8270-BM042121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.580	1644	1648	1655	rBV5	448398	882078	17.94%	0.694%
38	12.657	1658	1661	1670	rVB4	496884	1096378	22.30%	0.863%
39	12.745	1671	1676	1681	rBV5	564973	1221967	24.86%	0.961%
40	12.798	1681	1685	1690	rVB2	1325724	1758855	35.78%	1.384%
41	12.874	1694	1698	1702	rVB	1118675	1475680	30.02%	1.161%
42	13.086	1728	1734	1741	rVB3	419546	968961	19.71%	0.762%
43	13.192	1747	1752	1758	rVB3	614589	1274014	25.92%	1.002%
44	13.251	1758	1762	1765	rBV3	379484	633203	12.88%	0.498%
45	13.286	1765	1768	1777	rVB	652655	1217623	24.77%	0.958%
46	13.421	1785	1791	1792	rBV	1533583	2369468	48.20%	1.864%
47	13.580	1812	1818	1823	rVV	2181959	3909491	79.53%	3.076%
48	13.633	1823	1827	1831	rVB	1801745	2370822	48.23%	1.865%
49	13.674	1831	1834	1838	rVB4	558528	838937	17.07%	0.660%
50	13.757	1838	1848	1851	rBV2	1592523	3221775	65.54%	2.535%
51	13.798	1851	1855	1856	rBV2	484274	600137	12.21%	0.472%
52	13.980	1881	1886	1892	rBV3	541477	941380	19.15%	0.741%
53	14.168	1913	1918	1923	rBV4	316181	568516	11.56%	0.447%
54	14.239	1923	1930	1938	rVV4	1123984	3059446	62.24%	2.407%
55	14.315	1939	1943	1946	rVV2	472986	921101	18.74%	0.725%
56	14.351	1946	1949	1953	rVV2	589630	921899	18.75%	0.725%
57	14.392	1953	1956	1964	rVV5	354944	768136	15.63%	0.604%
58	14.474	1964	1970	1979	rVB	992852	2622632	53.35%	2.063%
59	14.557	1980	1984	1988	rBV2	299236	467416	9.51%	0.368%
60	14.668	1991	2003	2009	rVV2	1595703	4319031	87.86%	3.398%
61	14.739	2010	2015	2020	rVV2	1485802	2419953	49.23%	1.904%
62	14.792	2021	2024	2032	rVB5	995522	1697495	34.53%	1.335%
63	14.886	2033	2040	2044	rVV2	942324	2002311	40.73%	1.575%
64	14.933	2044	2048	2052	rVB	1012045	1487265	30.25%	1.170%
65	15.051	2061	2068	2071	rBV3	650415	1397698	28.43%	1.100%
66	15.086	2071	2074	2079	rVB2	442347	679218	13.82%	0.534%
67	15.221	2094	2097	2106	rVB4	473649	1038344	21.12%	0.817%
68	15.304	2106	2111	2115	rBV3	711061	1153929	23.47%	0.908%
69	15.362	2115	2121	2125	rBV3	610989	1221967	24.86%	0.961%
70	15.433	2130	2133	2137	rVB2	769915	980080	19.94%	0.771%
71	15.474	2137	2140	2144	rBV5	320906	438990	8.93%	0.345%
72	15.533	2144	2150	2155	rBV2	1834863	3145704	63.99%	2.475%
73	15.627	2164	2166	2172	rVB	750923	909159	18.49%	0.715%
74	15.686	2172	2176	2180	rBV2	618089	1097661	22.33%	0.864%
75	15.751	2181	2187	2195	rVB6	1625875	3095433	62.97%	2.435%
76	15.827	2196	2200	2204	rBV3	453674	730122	14.85%	0.574%

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 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

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77	16.015	2224	2232	2237	rBV2	2758747	4915934	100.00%	3.867%
78	16.121	2247	2250	2254	rVB2	418386	586139	11.92%	0.461%
79	16.327	2277	2285	2288	rBV4	393843	1113969	22.66%	0.876%
80	16.368	2288	2292	2299	rVV4	1016078	2162054	43.98%	1.701%
81	16.445	2303	2305	2312	rVB6	434267	633481	12.89%	0.498%
82	16.562	2322	2325	2327	rBV3	399474	471470	9.59%	0.371%
83	16.833	2366	2371	2382	rVB2	1749704	3222062	65.54%	2.535%
84	17.004	2396	2400	2404	rBV	569009	959320	19.51%	0.755%
85	17.045	2404	2407	2411	rVB	677258	889356	18.09%	0.700%
86	17.203	2430	2434	2439	rBV3	469787	787183	16.01%	0.619%
87	17.251	2439	2442	2445	rBV2	438597	466955	9.50%	0.367%
88	17.433	2467	2473	2483	rVB5	513363	1149295	23.38%	0.904%
89	17.880	2545	2549	2552	rBV	764376	1004309	20.43%	0.790%
90	17.927	2553	2557	2561	rVB	921837	1242420	25.27%	0.977%
91	18.062	2577	2580	2584	rVV	592912	782032	15.91%	0.615%
92	18.109	2585	2588	2594	rVB	510632	771368	15.69%	0.607%
93	18.680	2681	2685	2689	rBV2	563195	827171	16.83%	0.651%
94	18.721	2689	2692	2697	rVB	336317	444305	9.04%	0.350%
95	18.803	2702	2706	2710	rVV	757867	1068749	21.74%	0.841%
96	18.850	2710	2714	2719	rVB3	299298	506585	10.30%	0.399%
97	19.509	2822	2826	2831	rVB	355272	513616	10.45%	0.404%
98	19.639	2843	2848	2860	rVB	2706094	3684377	74.95%	2.898%
99	21.186	3106	3111	3125	rBV	806110	1048666	21.33%	0.825%
100	23.368	3476	3482	3492	rVB	567640	1047094	21.30%	0.824%

Sum of corrected areas: 127115152

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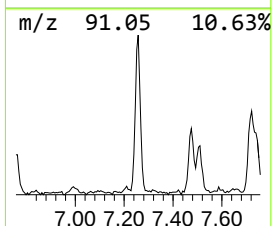
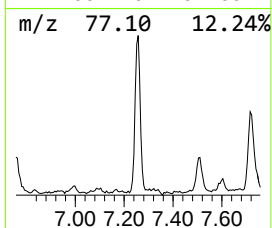
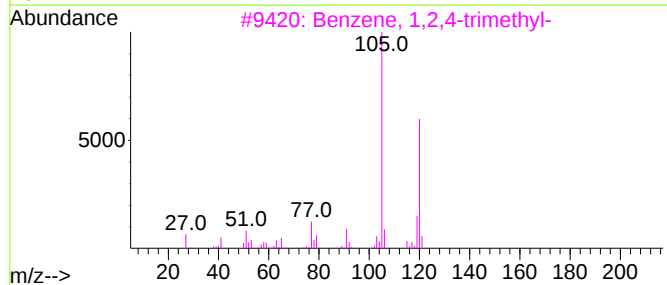
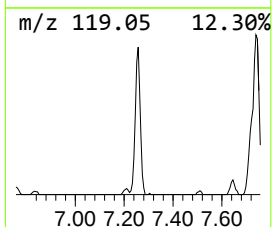
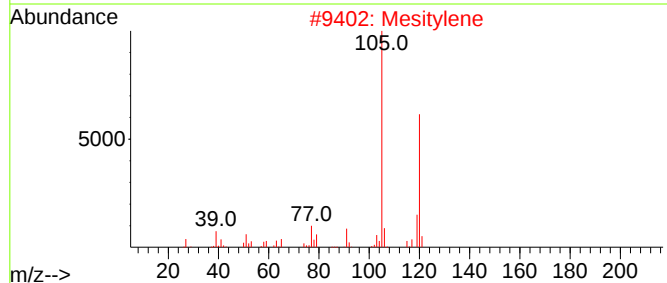
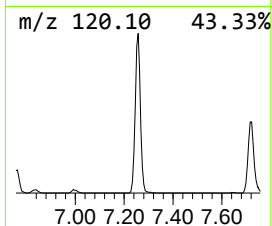
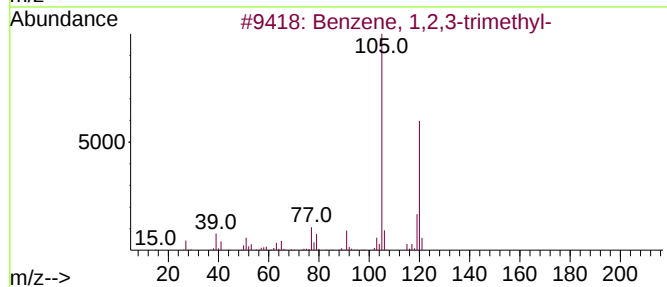
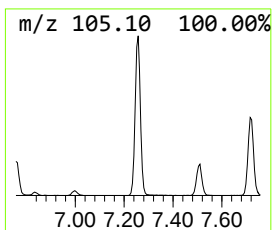
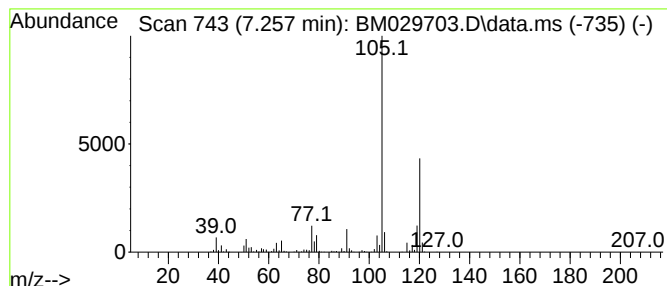
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	20.33 ng	733366	1,4-Dichlorobenzene-d4	7.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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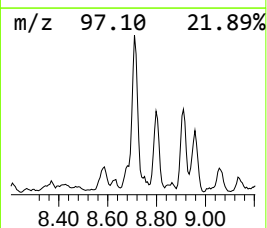
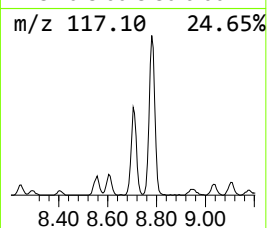
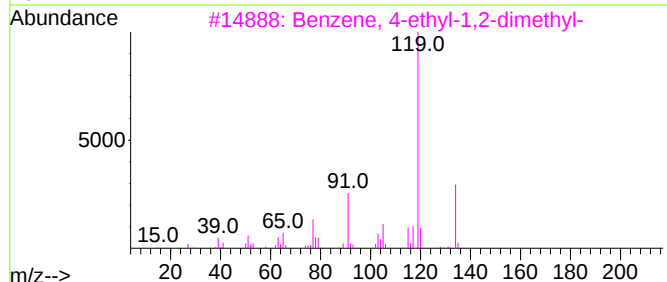
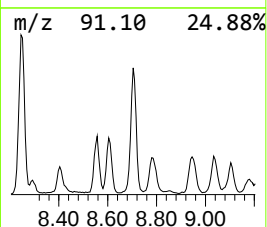
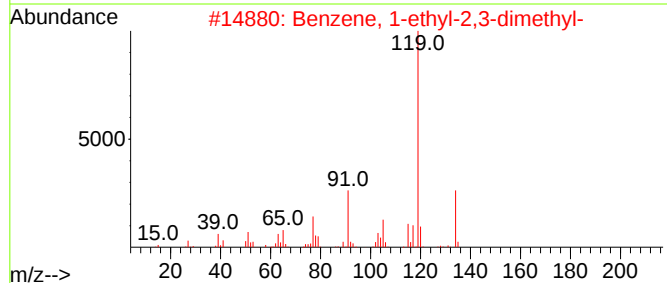
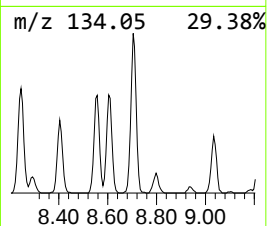
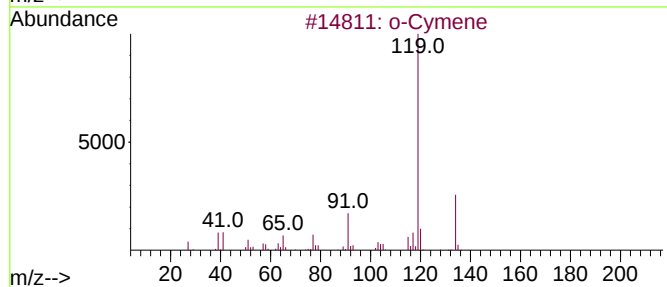
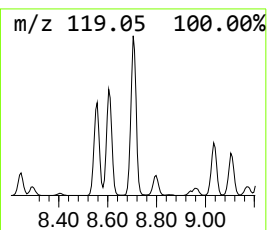
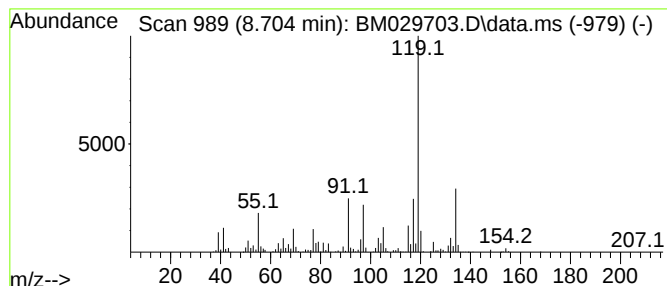
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	28.74 ng	1036990	1,4-Dichlorobenzene-d4	7.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86



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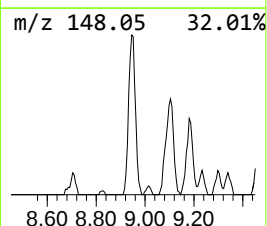
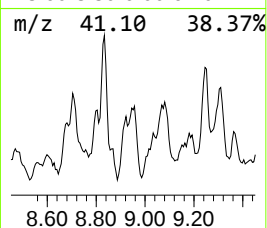
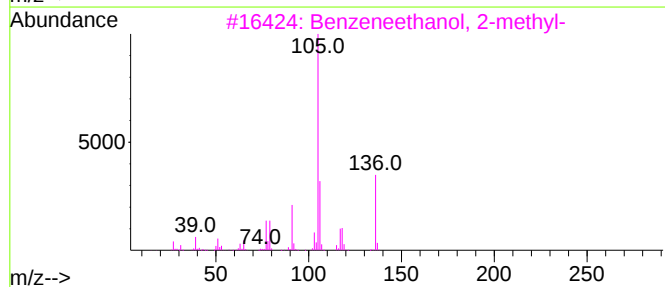
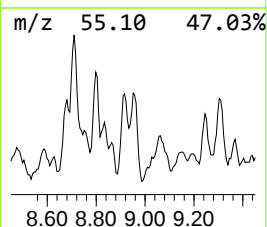
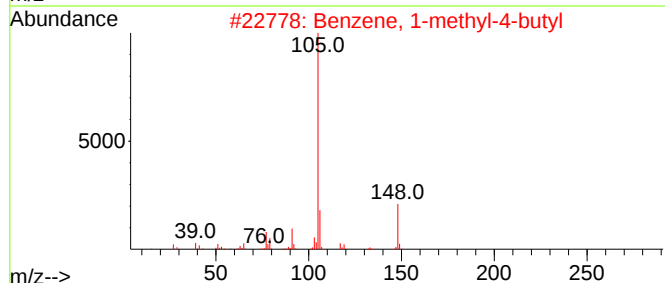
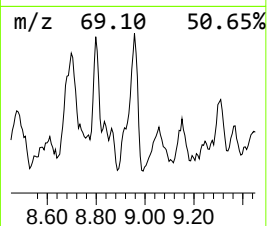
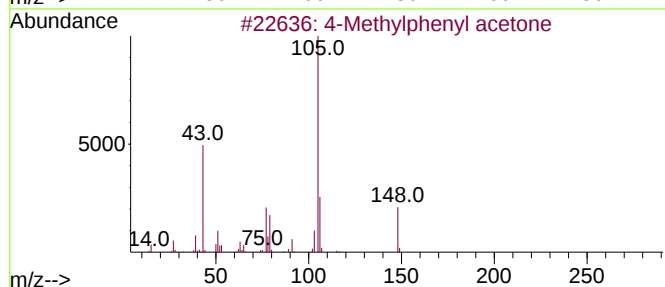
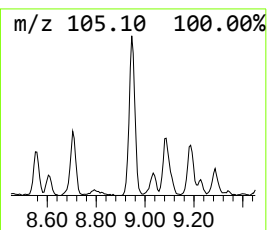
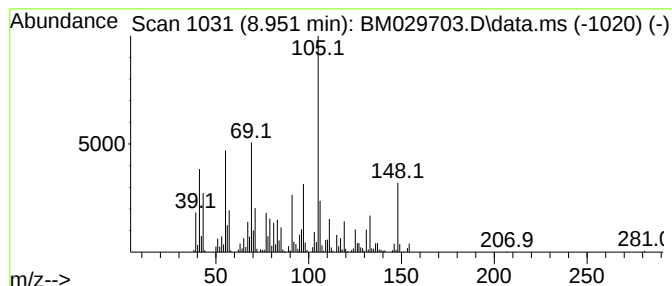
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4-Methylphenyl acetone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.951	20.70 ng	746881	1,4-Dichlorobenzene-d4	7.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
2			Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43
3			Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	38
4			2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
5			Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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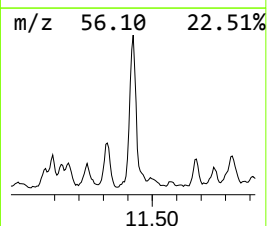
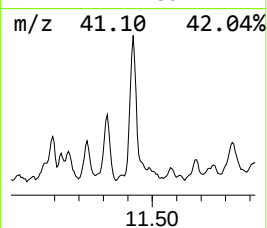
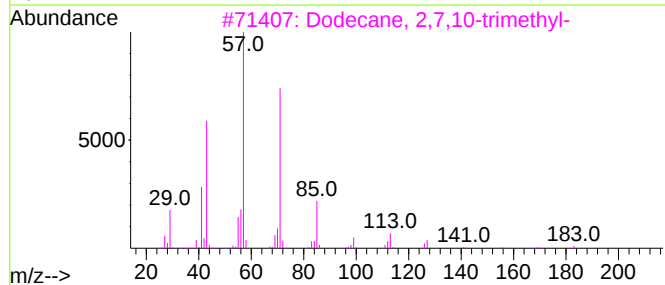
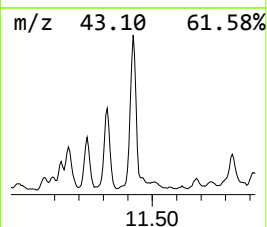
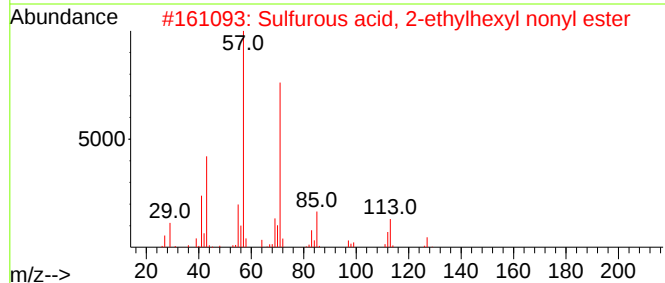
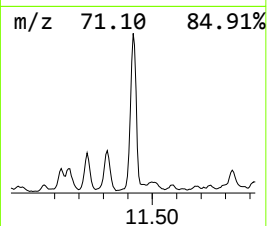
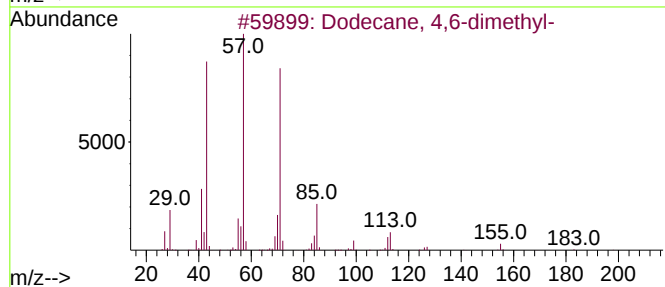
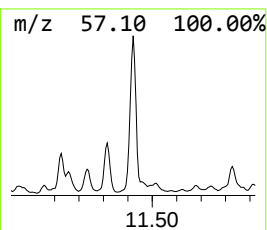
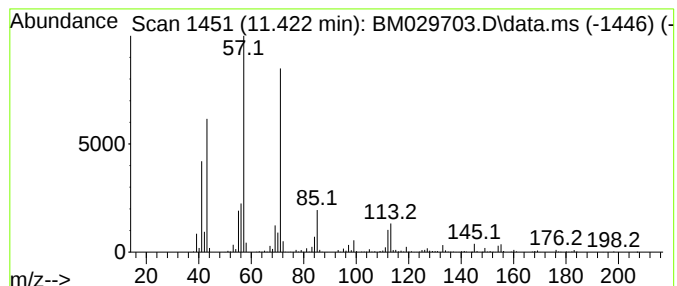
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	25.05 ng	2216890	Naphthalene-d8	10.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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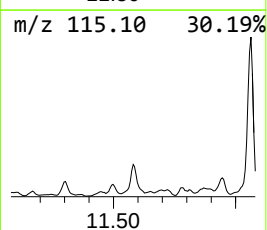
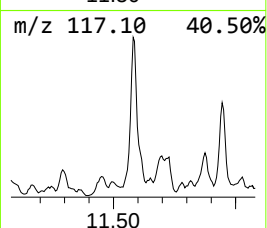
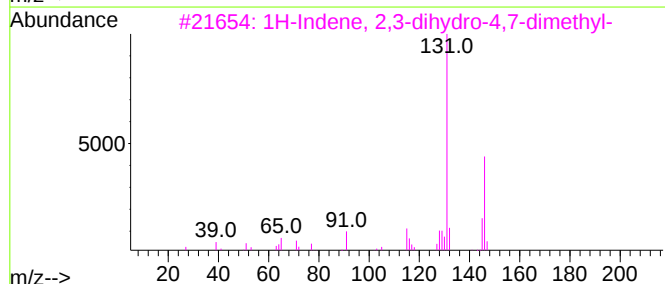
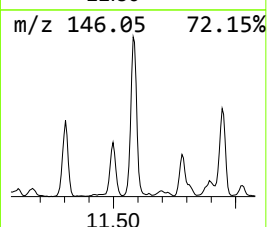
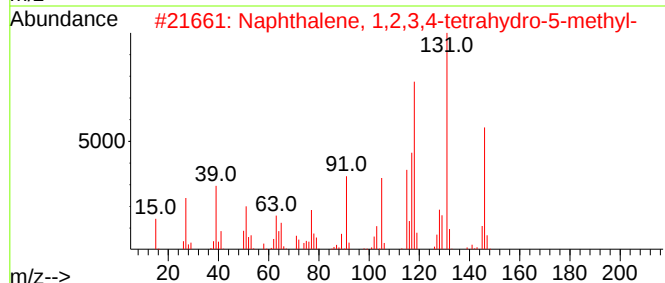
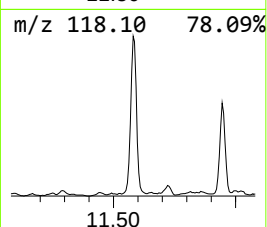
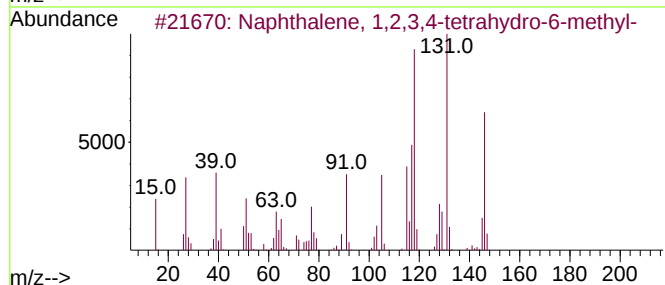
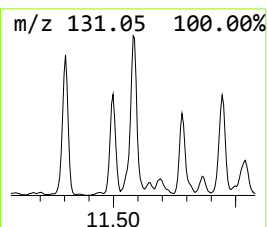
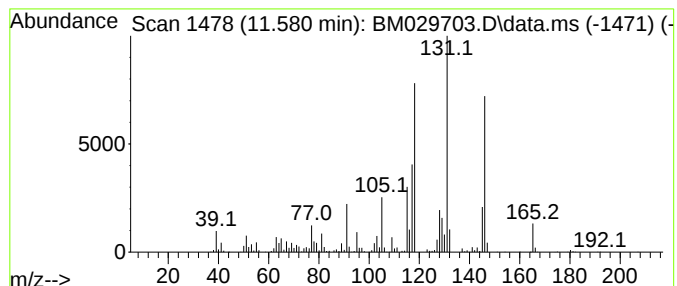
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.580	17.14 ng	1516290	Naphthalene-d8	10.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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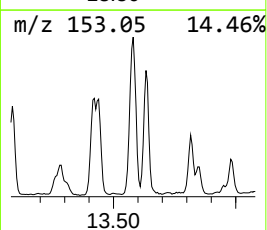
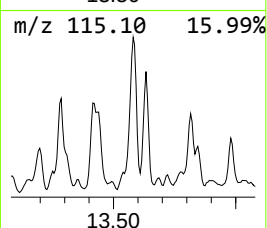
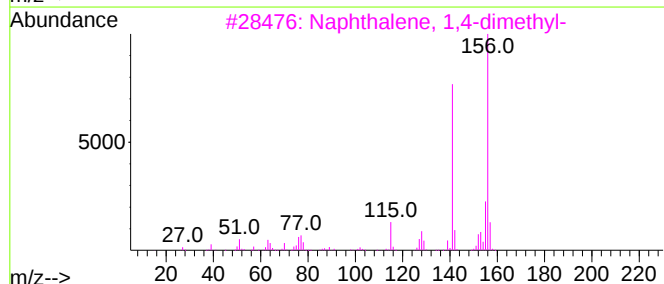
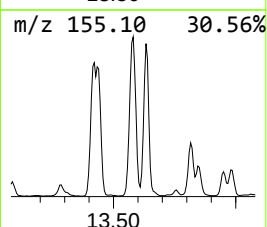
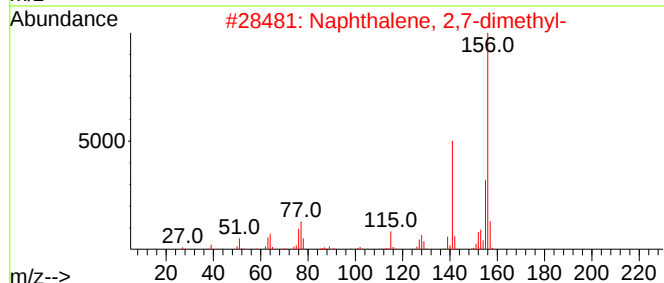
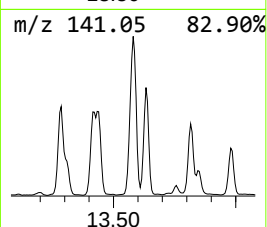
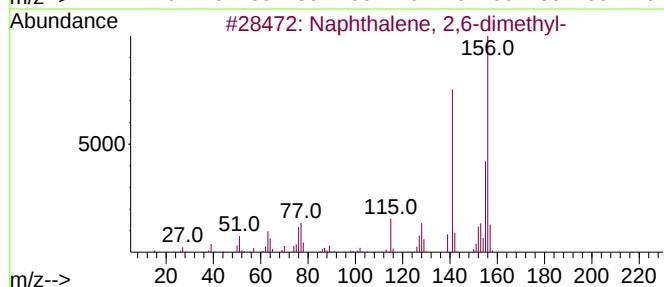
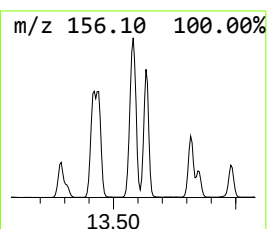
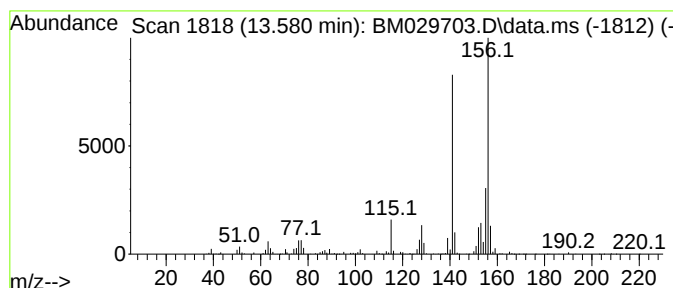
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	25.56 ng	3909490	Acenaphthene-d10	14.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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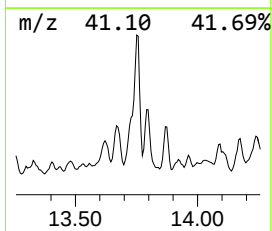
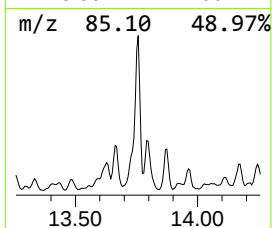
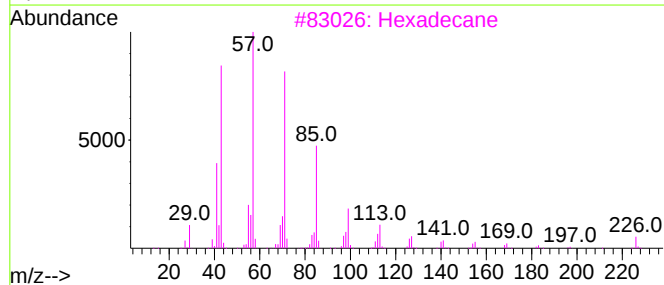
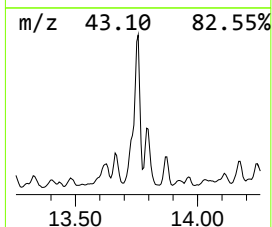
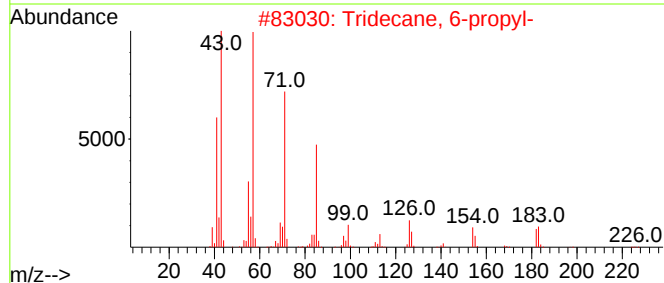
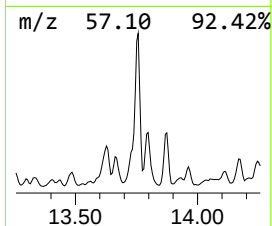
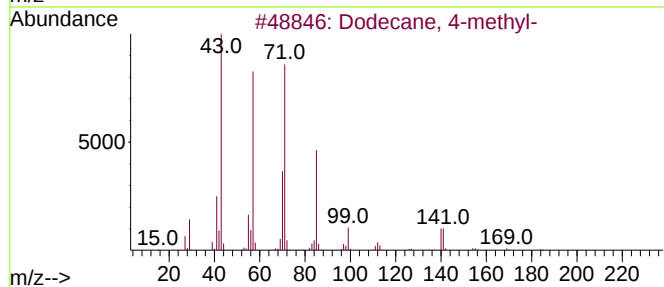
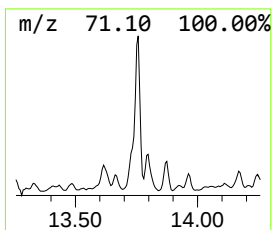
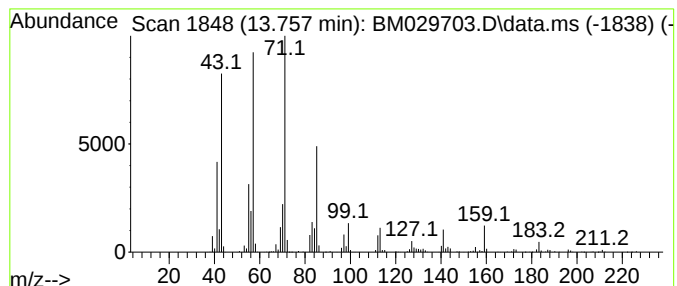
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	21.06 ng	3221780	Acenaphthene-d10	14.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	74
3			Hexadecane	226	C16H34	000544-76-3	72
4			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
5			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
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Sample : M2109-01
Misc :
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Instrument :
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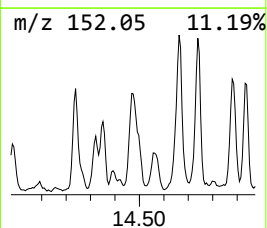
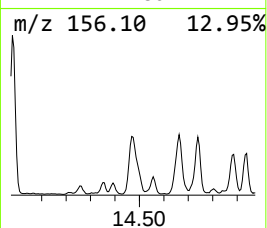
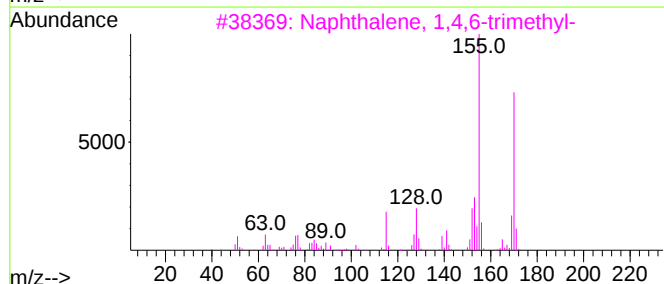
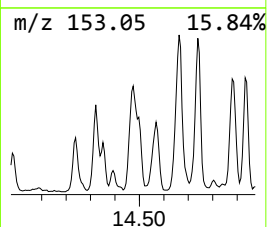
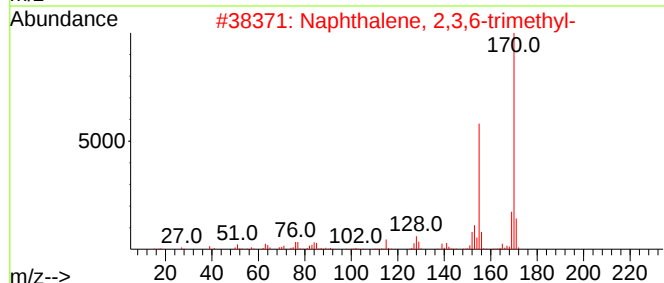
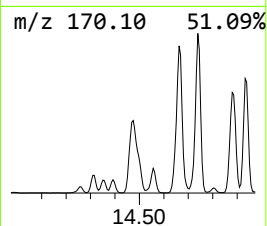
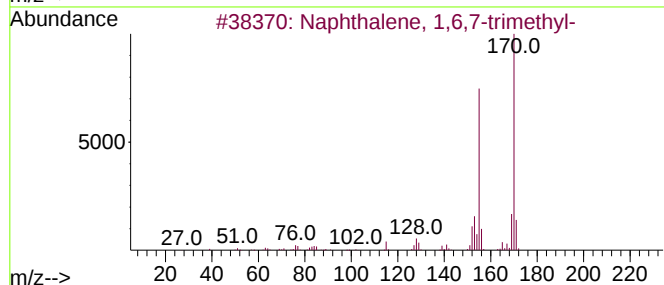
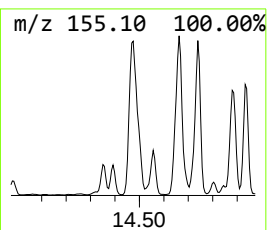
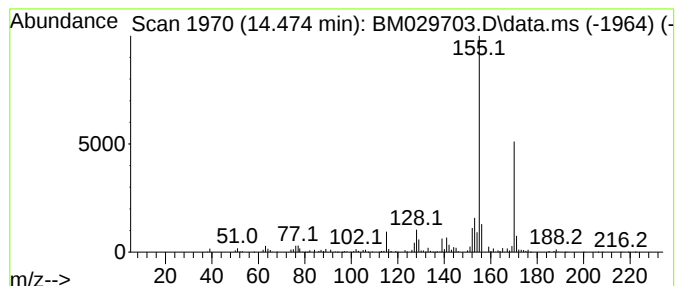
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	17.14 ng	2622630	Acenaphthene-d10	14.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
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Operator : CG/JU
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Misc :
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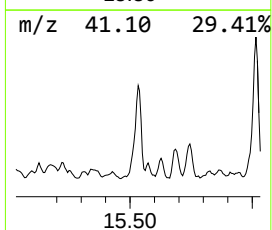
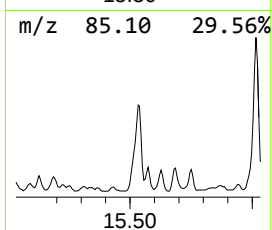
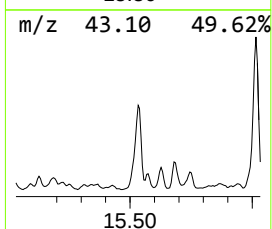
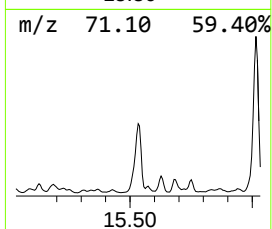
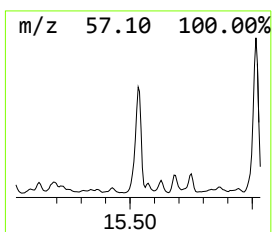
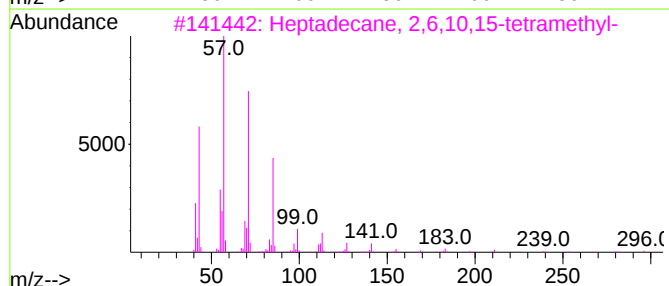
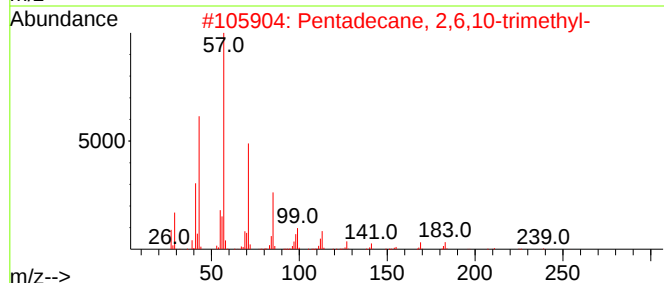
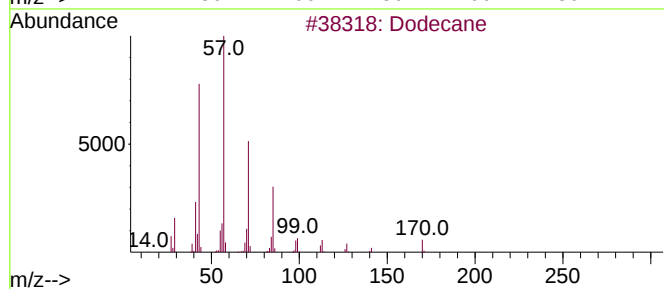
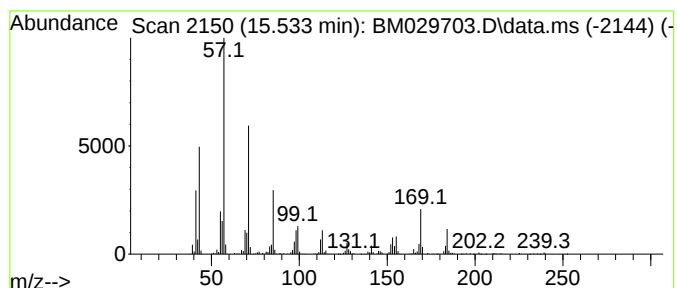
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.533	20.56 ng	3145700	Acenaphthene-d10	14.257	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
5	Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
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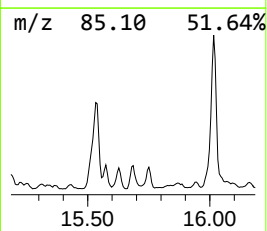
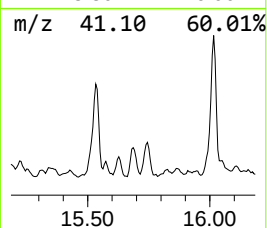
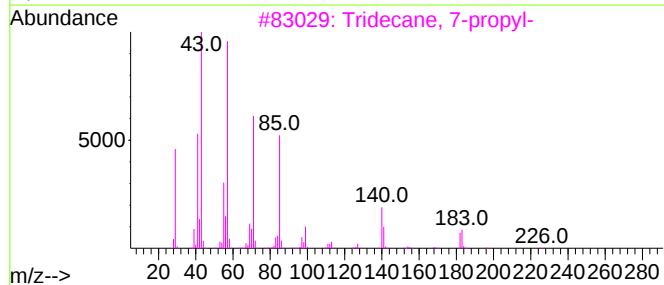
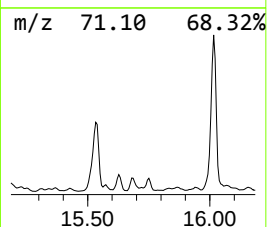
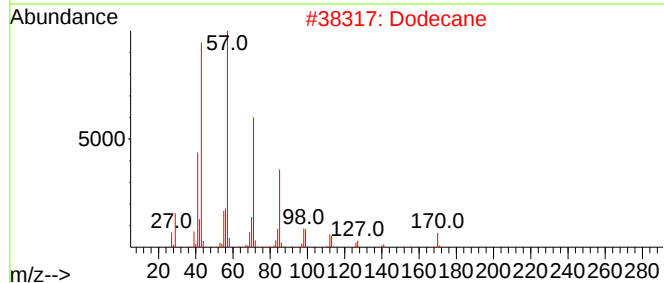
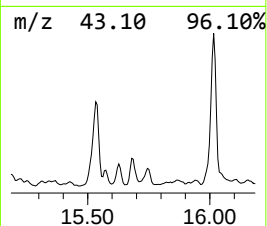
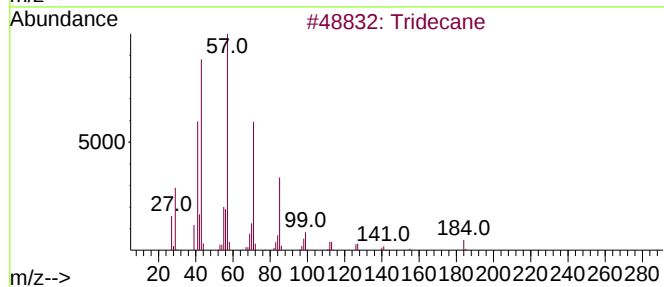
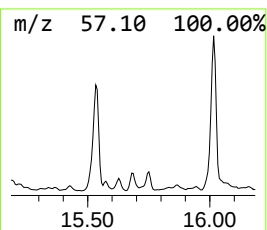
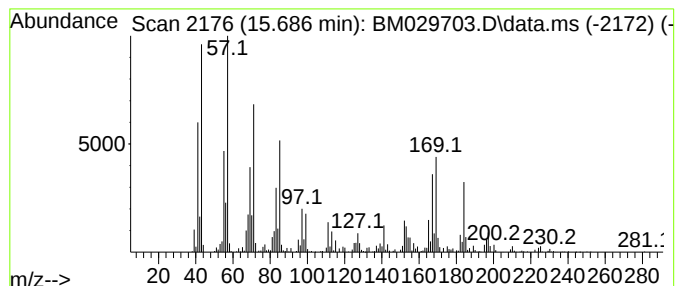
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	22.88 ng	1097660	Phenanthrene-d10	17.003

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	60
2		Dodecane	170	C12H26	000112-40-3	55
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	55
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PE-1

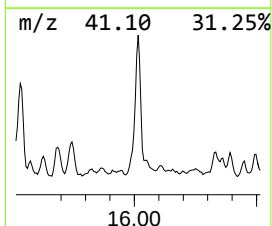
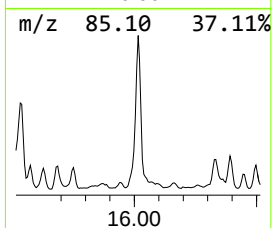
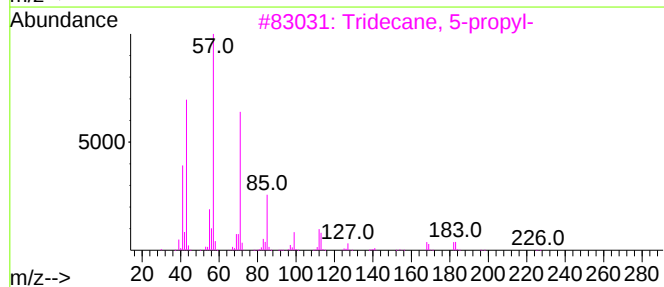
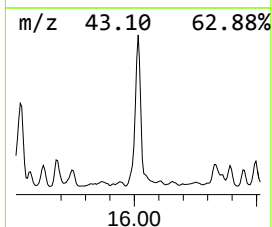
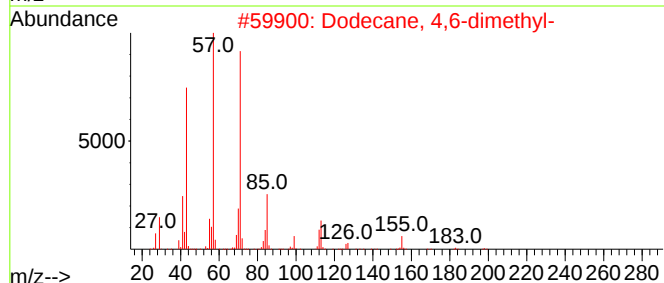
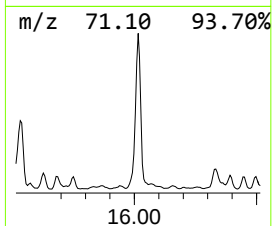
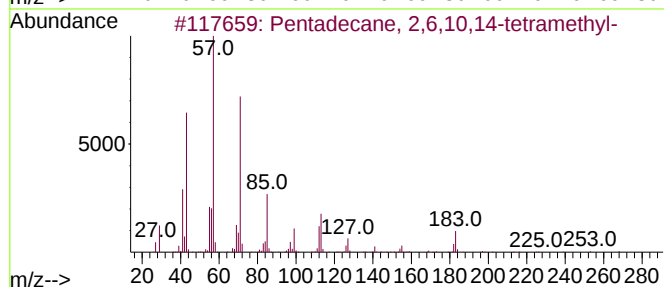
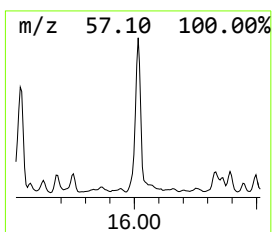
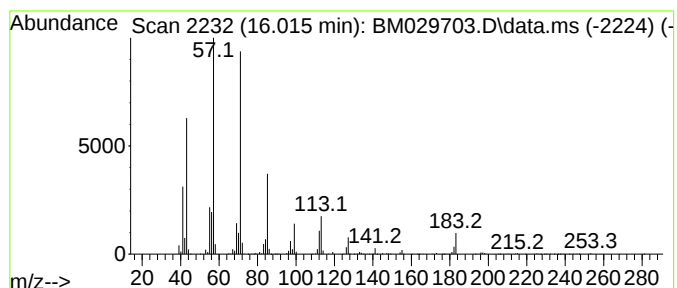
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	102.49 ng	4915930	Phenanthrene-d10	17.003

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
4			Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
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ClientSampleId :
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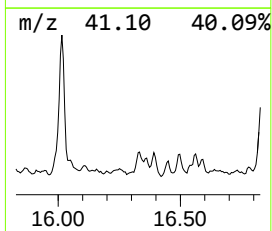
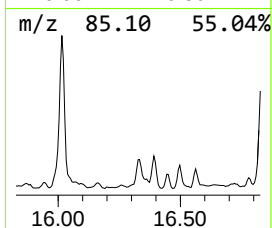
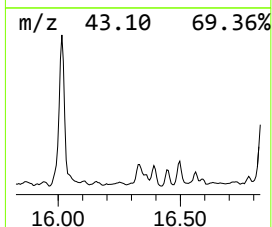
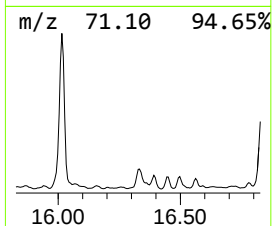
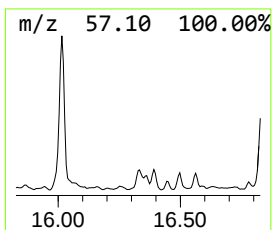
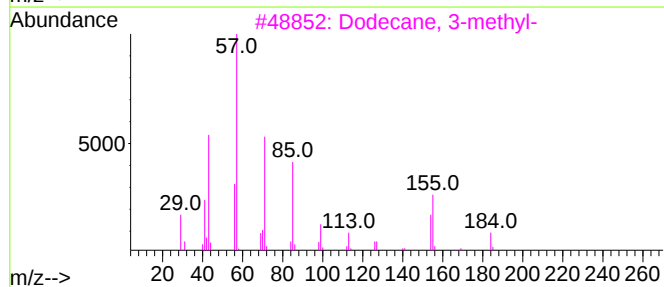
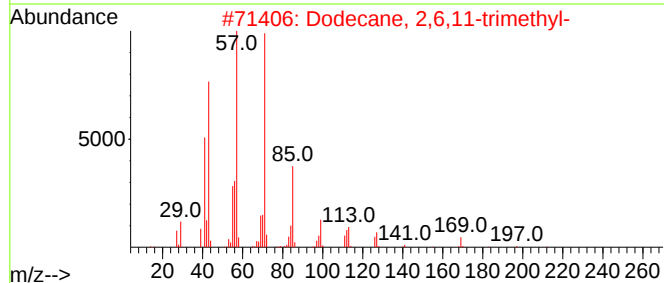
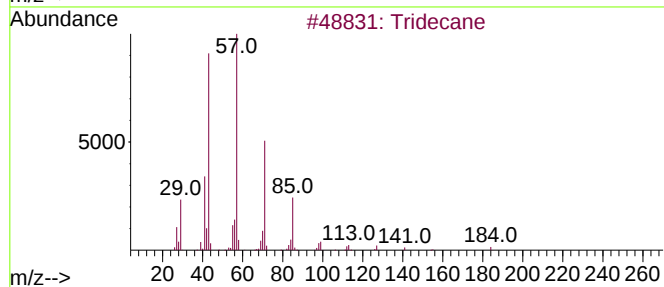
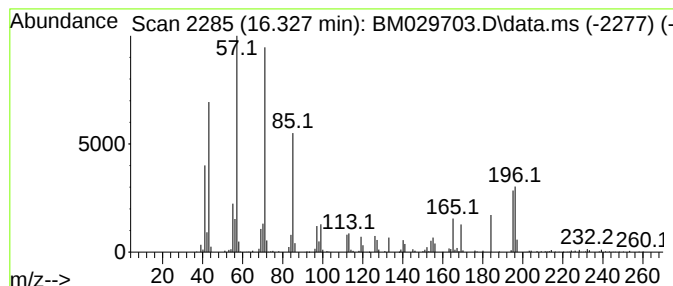
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	23.22 ng	1113970	Phenanthrene-d10	17.003

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	64
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	60
4		Hexadecane	226	C16H34	000544-76-3	60
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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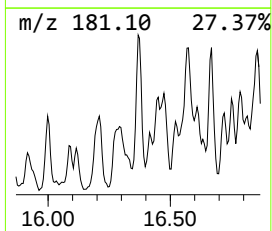
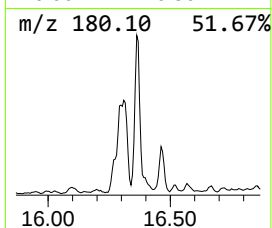
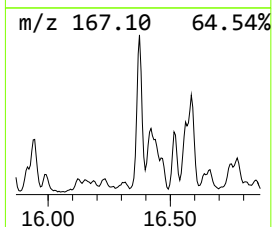
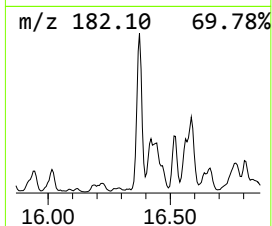
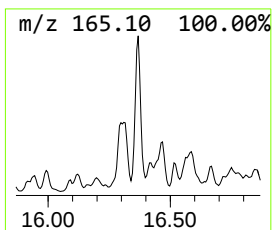
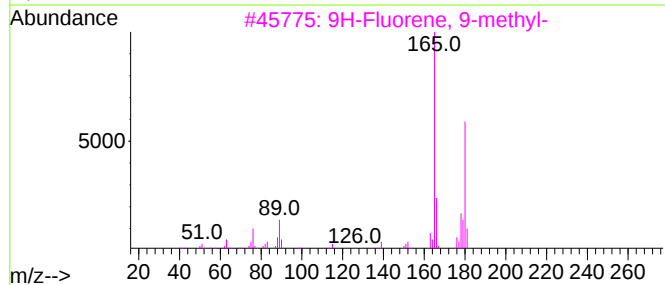
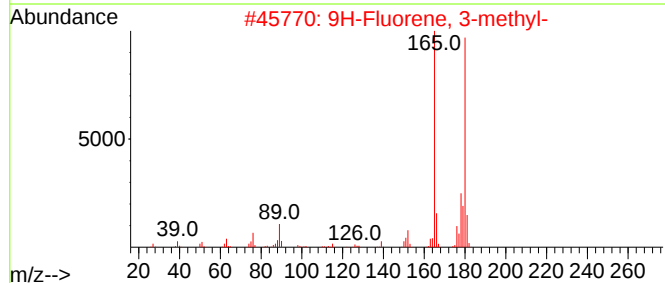
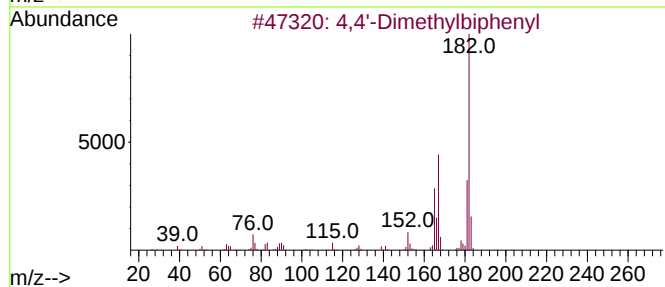
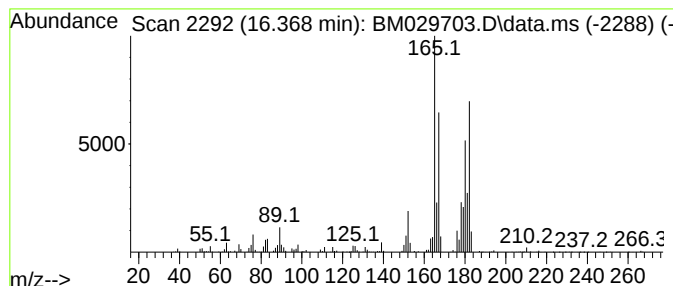
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,4'-Dimethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.368	45.07 ng	2162050	Phenanthrene-d10	17.003

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
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Acq On : 29 Apr 2021 00:02
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Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

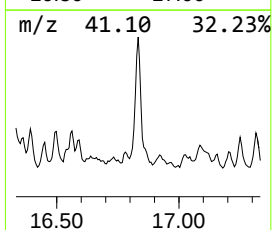
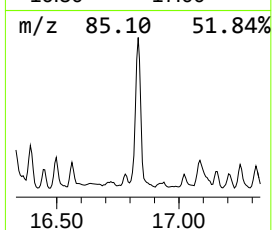
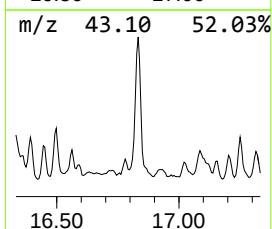
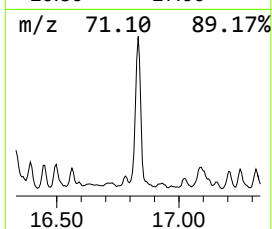
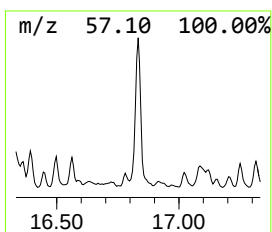
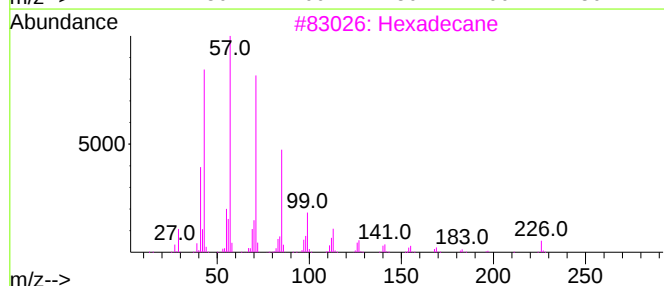
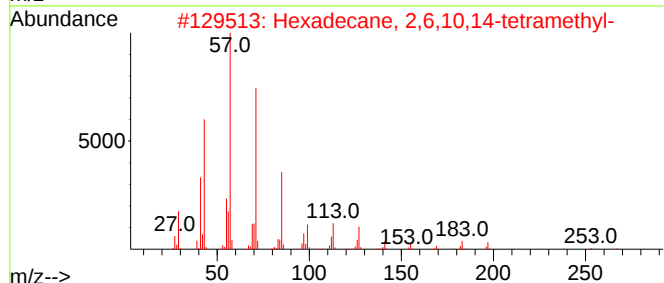
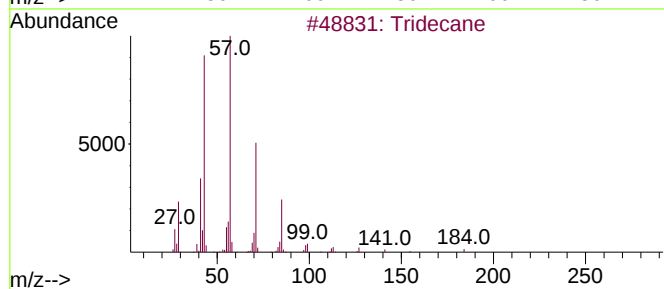
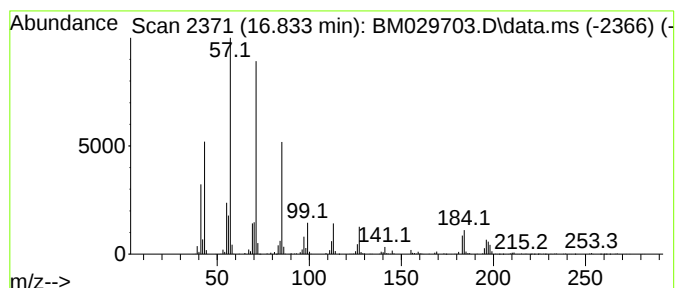
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.833	67.17 ng	3222060	Phenanthrene-d10		17.003	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
3	Hexadecane		226	C16H34	000544-76-3	83
4	Tetradecane		198	C14H30	000629-59-4	81
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
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Acq On : 29 Apr 2021 00:02
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Misc :
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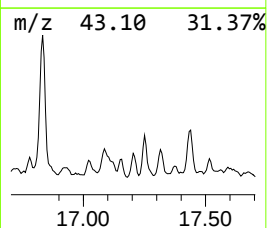
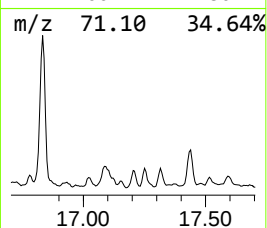
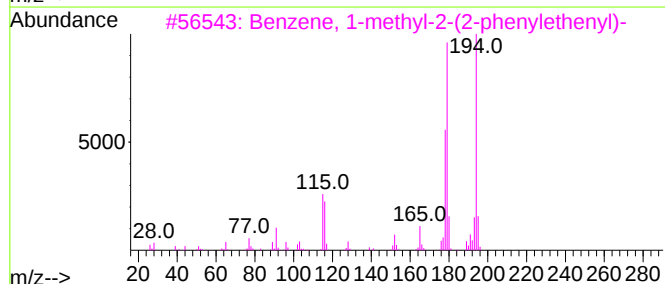
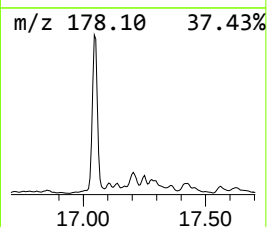
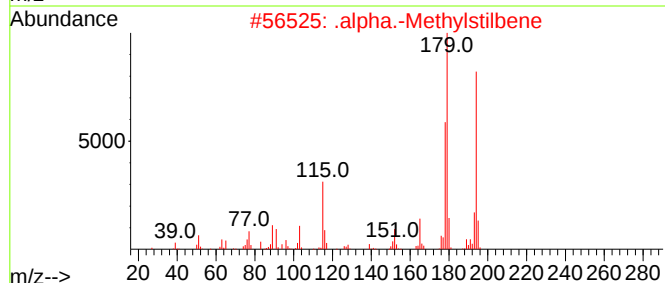
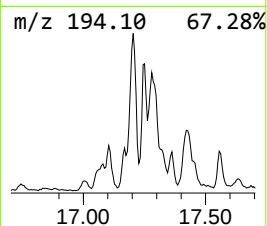
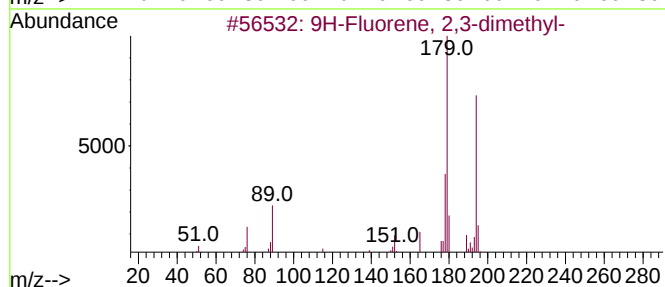
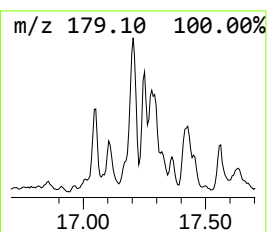
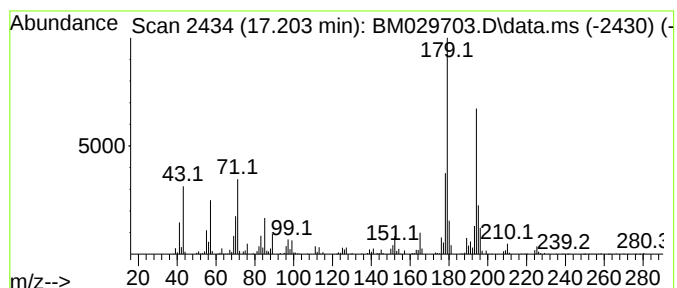
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.203	16.41 ng	787183	Phenanthrene-d10	17.003	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	95
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	91
3	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	64
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	58
5	Benzaldehyde, 4-[(trimethylsilyl...	194	C10H14O2Si	001012-12-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
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ClientSampleId :
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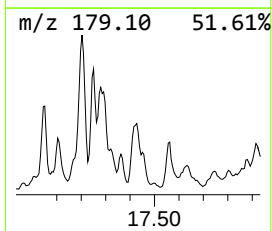
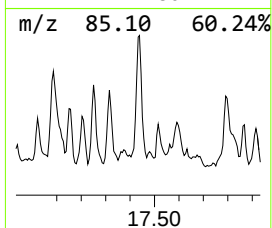
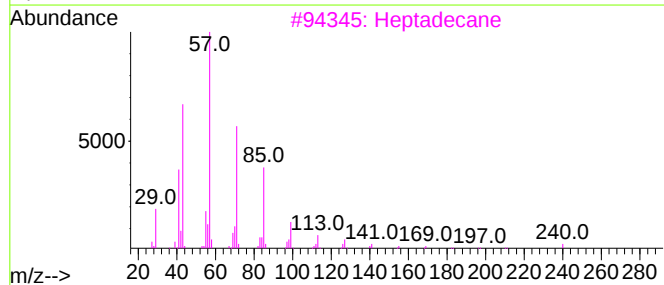
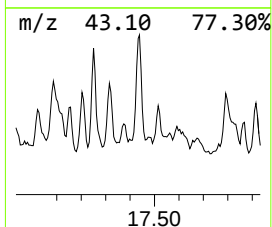
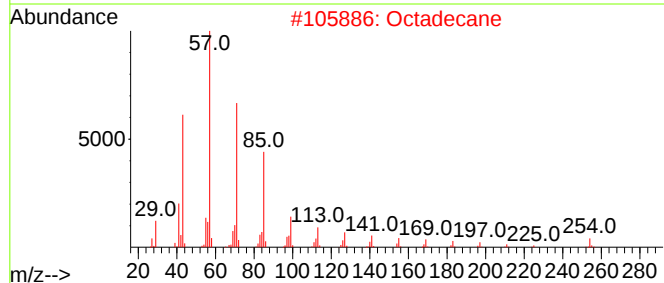
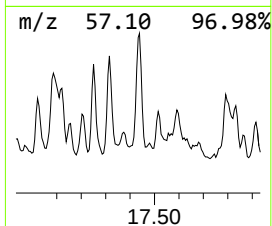
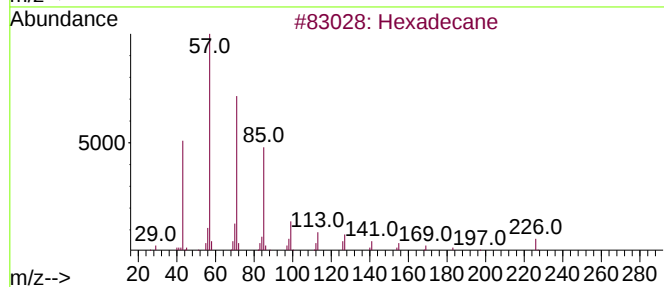
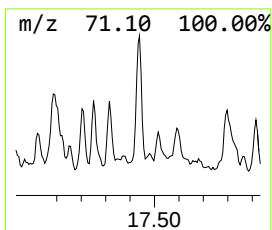
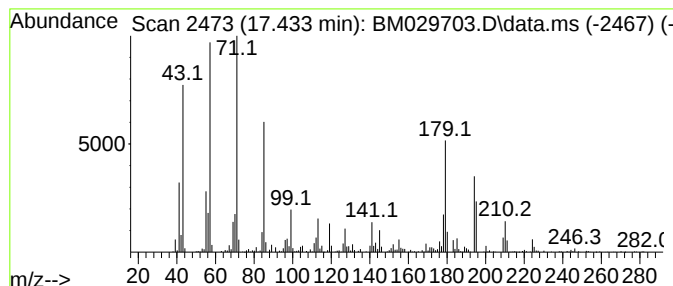
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	23.96 ng	1149300	Phenanthrene-d10	17.003

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	70
2			Octadecane	254	C18H38	000593-45-3	46
3			Heptadecane	240	C17H36	000629-78-7	46
4			Heneicosane	296	C21H44	000629-94-7	46
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
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Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

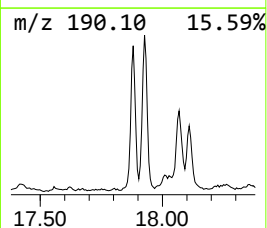
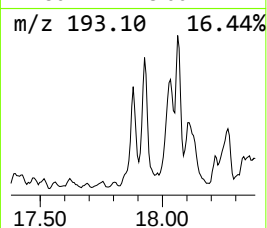
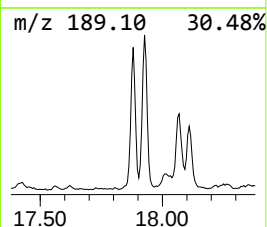
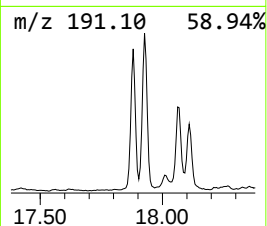
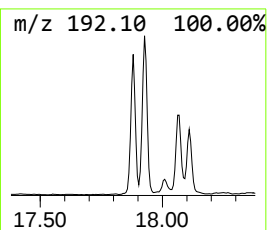
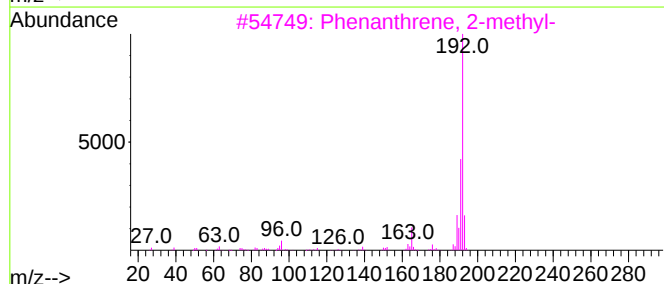
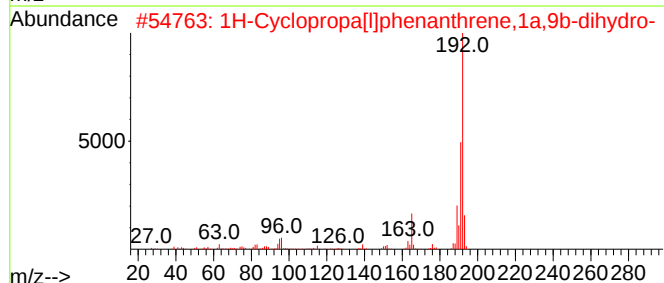
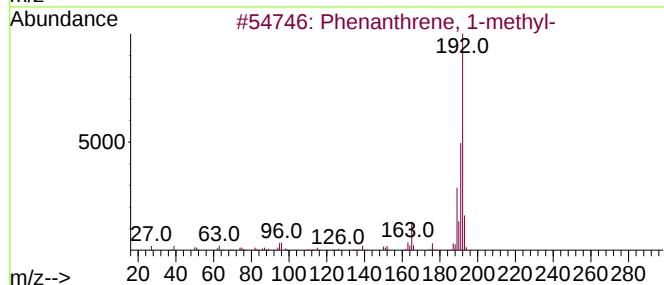
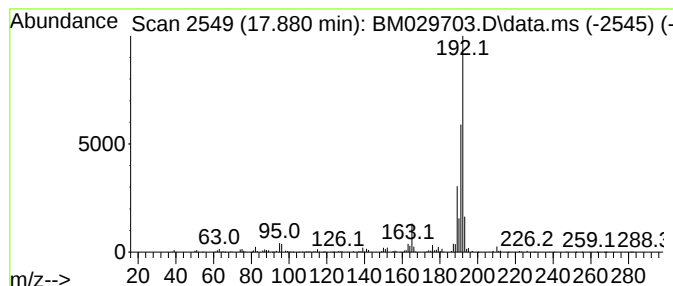
Instrument :
BNA_M
ClientSampleId :
PE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.880	20.94 ng	1004310	Phenanthrene-d10		17.003	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
2	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
4	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

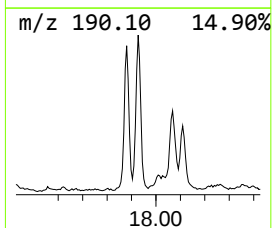
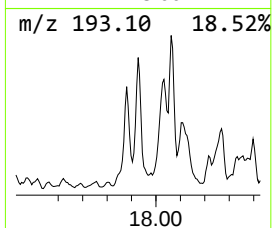
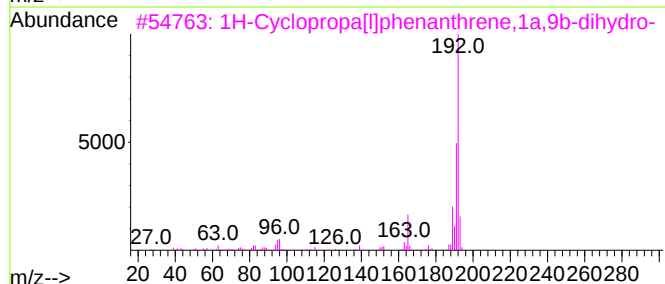
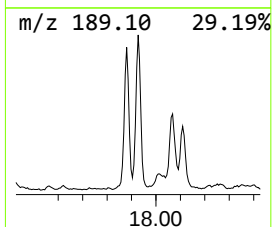
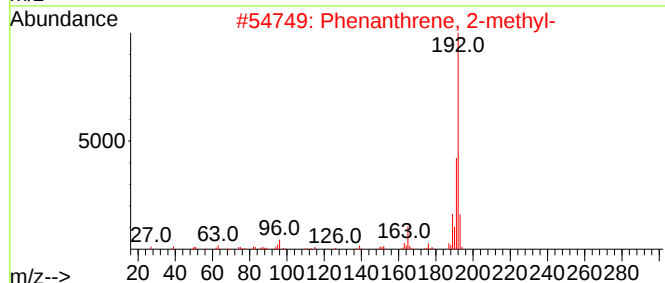
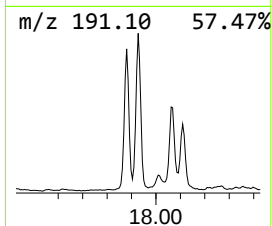
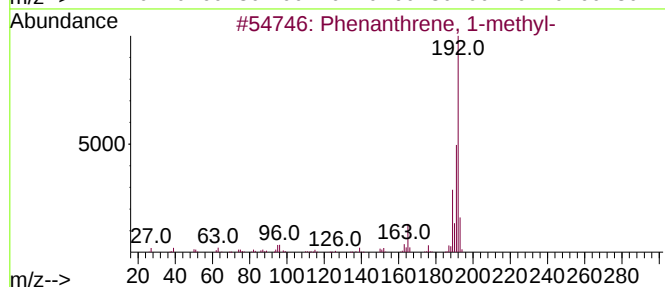
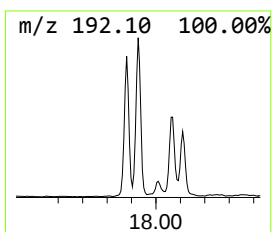
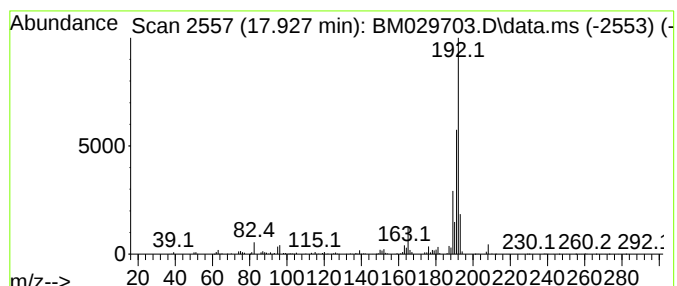
Instrument :
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ClientSampleId :
PE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.927	25.90 ng	1242420	Phenanthrene-d10		17.003	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
3	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

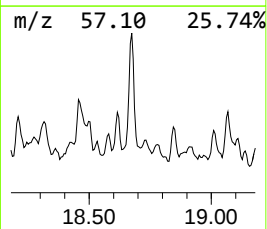
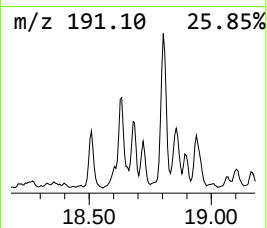
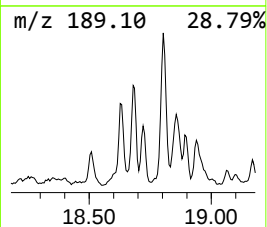
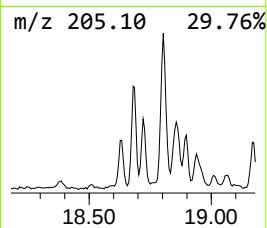
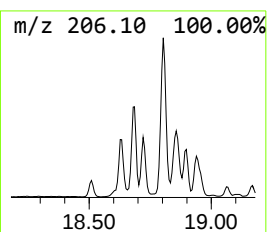
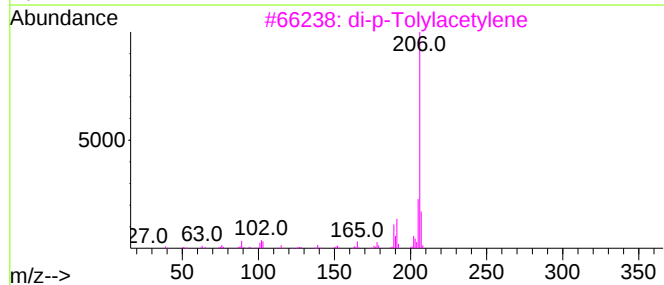
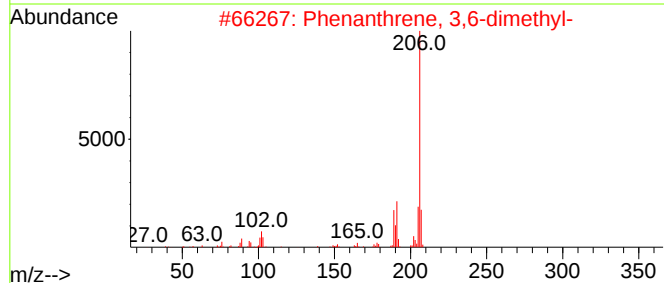
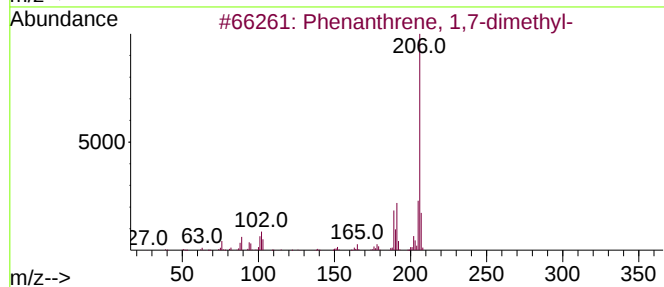
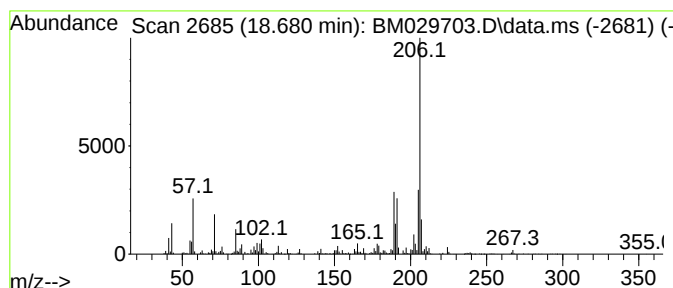
Instrument :
BNA_M
ClientSampleId :
PE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.680	17.24 ng	827171	Phenanthrene-d10	17.003	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029703.D
Acq On : 29 Apr 2021 00:02
Operator : CG/JU
Sample : M2109-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

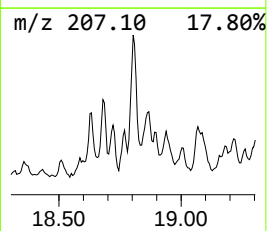
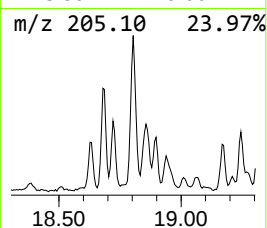
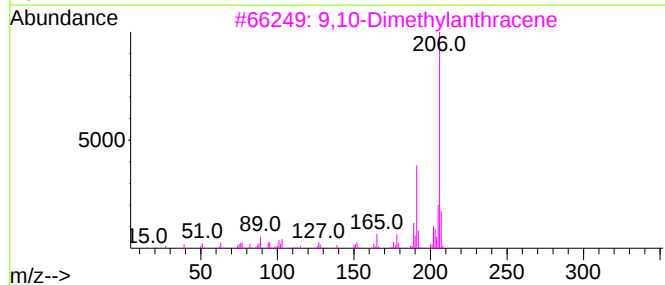
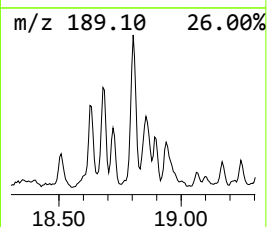
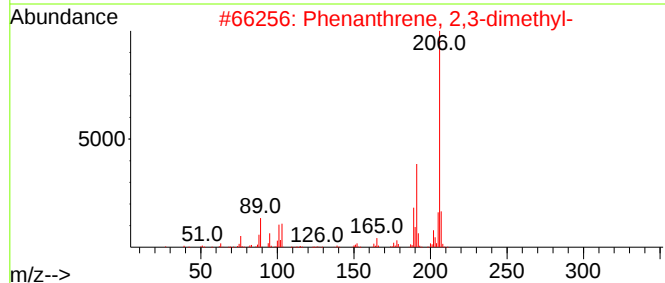
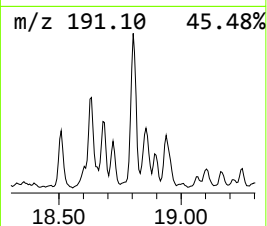
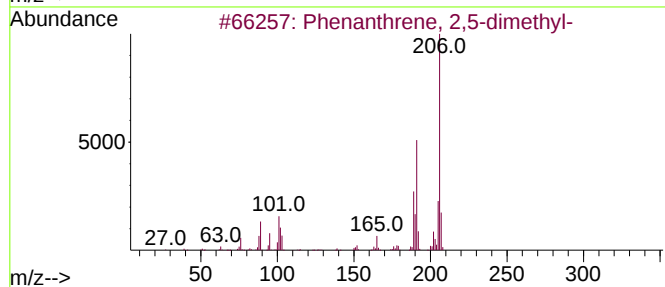
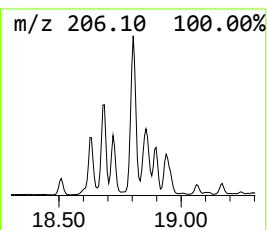
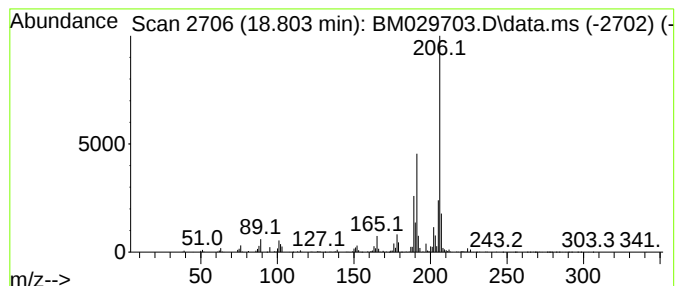
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.803	22.28 ng	1068750	Phenanthrene-d10		17.003	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
 Data File : BM029703.D
 Acq On : 29 Apr 2021 00:02
 Operator : CG/JU
 Sample : M2109-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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
Benzene, 1,2,3-...	7.257	20.3	ng	733366	1	7.604	721607	20.0
o-Cymene	8.704	28.7	ng	1036990	1	7.604	721607	20.0
4-Methylphenyl ...	8.951	20.7	ng	746881	1	7.604	721607	20.0
Dodecane, 4,6-d...	11.422	25.1	ng	2216890	2	10.386	1769770	20.0
Naphthalene, 1,...	11.580	17.1	ng	1516290	2	10.386	1769770	20.0
Naphthalene, 2,...	13.580	25.6	ng	3909490	3	14.257	3059450	20.0
Dodecane, 4-met...	13.757	21.1	ng	3221780	3	14.257	3059450	20.0
Naphthalene, 1,...	14.474	17.1	ng	2622630	3	14.257	3059450	20.0
Dodecane	15.533	20.6	ng	3145700	3	14.257	3059450	20.0
Tridecane	15.686	22.9	ng	1097660	4	17.003	959320	20.0
Pentadecane, 2,...	16.015	102.5	ng	4915930	4	17.003	959320	20.0
Dodecane, 2,6,1...	16.327	23.2	ng	1113970	4	17.003	959320	20.0
4,4'-Dimethylbi...	16.368	45.1	ng	2162050	4	17.003	959320	20.0
Hexadecane, 2,6...	16.833	67.2	ng	3222060	4	17.003	959320	20.0
9H-Fluorene, 2,...	17.203	16.4	ng	787183	4	17.003	959320	20.0
Hexadecane	17.433	24.0	ng	1149300	4	17.003	959320	20.0
Phenanthrene, 1...	17.880	20.9	ng	1004310	4	17.003	959320	20.0
Phenanthrene, 2...	17.927	25.9	ng	1242420	4	17.003	959320	20.0
Phenanthrene, 1...	18.680	17.2	ng	827171	4	17.003	959320	20.0
Phenanthrene, 2...	18.803	22.3	ng	1068750	4	17.003	959320	20.0