

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124147.D
 Acq On : 4 Jun 2021 19:12
 Operator : JU/CG
 Sample : M2584-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-060221

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.110	3	4	11	rVB	107065	101211	32.34%	1.981%
2	5.487	574	578	583	rVB	207035	178484	57.03%	3.493%
3	6.498	746	750	756	rBV	205843	167977	53.68%	3.287%
4	6.704	780	785	787	rBV	16827	15805	5.05%	0.309%
5	6.863	809	812	817	rVB	300879	256835	82.07%	5.026%
6	7.139	856	859	862	rVB3	11979	11025	3.52%	0.216%
7	7.251	873	878	883	rBV3	10801	14949	4.78%	0.293%
8	7.398	898	903	904	rBV2	8797	11016	3.52%	0.216%
9	7.422	904	907	910	rVV	145260	119784	38.28%	2.344%
10	7.463	910	914	918	rVB	47065	41704	13.33%	0.816%
11	7.516	918	923	925	rVB4	14353	16167	5.17%	0.316%
12	7.645	942	945	947	rBV	12117	11183	3.57%	0.219%
13	7.892	984	987	989	rVV3	13445	16984	5.43%	0.332%
14	8.045	1011	1013	1018	rVV	63544	60281	19.26%	1.180%
15	8.128	1025	1027	1028	rVV	72273	56324	18.00%	1.102%
16	8.145	1028	1030	1033	rVV	329826	299501	95.70%	5.861%
17	8.169	1033	1034	1037	rVV	19031	13678	4.37%	0.268%
18	8.210	1037	1041	1043	rVB2	26154	27404	8.76%	0.536%
19	8.439	1075	1080	1082	rBV4	16544	24665	7.88%	0.483%
20	8.528	1092	1095	1099	rVB6	12653	15684	5.01%	0.307%
21	8.569	1099	1102	1104	rBV	34009	29779	9.52%	0.583%
22	8.651	1114	1116	1118	rBV2	20462	16235	5.19%	0.318%
23	8.739	1128	1131	1135	rVB	61980	51030	16.31%	0.999%
24	8.804	1140	1142	1145	rVV4	8575	10776	3.44%	0.211%
25	8.863	1150	1152	1156	rVB	35325	26036	8.32%	0.510%
26	8.963	1166	1169	1172	rVB2	29087	33316	10.65%	0.652%
27	9.051	1183	1184	1188	rVB3	9354	10615	3.39%	0.208%
28	9.104	1188	1193	1196	rVB5	9287	15194	4.86%	0.297%
29	9.169	1202	1204	1206	rBV	26280	19404	6.20%	0.380%
30	9.222	1210	1213	1216	rBV	262444	198600	63.46%	3.886%
31	9.304	1224	1227	1231	rBV	48710	45195	14.44%	0.884%
32	9.339	1231	1233	1236	rVV2	27263	27980	8.94%	0.548%
33	9.492	1254	1259	1261	rVB	23633	27103	8.66%	0.530%
34	9.563	1268	1271	1273	rBV	38669	32698	10.45%	0.640%
35	9.586	1273	1275	1278	rVV	21086	15530	4.96%	0.304%
36	9.622	1278	1281	1284	rVV4	19801	23327	7.45%	0.456%

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 Integrator: RTE
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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.680	1288	1291	1295	rBV2	23622	21597	6.90%	0.423%
38	9.763	1303	1305	1311	rVB3	22733	24455	7.81%	0.479%
39	9.833	1311	1317	1320	rBV	32652	35160	11.23%	0.688%
40	9.904	1325	1329	1332	rVV	379134	293866	93.90%	5.751%
41	9.933	1332	1334	1339	rVB	27117	23964	7.66%	0.469%
42	10.010	1343	1347	1351	rVB4	11752	15623	4.99%	0.306%
43	10.063	1351	1356	1358	rBV2	12906	14978	4.79%	0.293%
44	10.104	1358	1363	1366	rVB3	18799	21862	6.99%	0.428%
45	10.145	1367	1370	1374	rVB4	15747	15895	5.08%	0.311%
46	10.216	1380	1382	1386	rBV2	12234	12480	3.99%	0.244%
47	10.310	1394	1398	1400	rBV4	8416	12359	3.95%	0.242%
48	10.333	1400	1402	1404	rVB	24455	18922	6.05%	0.370%
49	10.451	1419	1422	1428	rVB	32768	29417	9.40%	0.576%
50	10.522	1428	1434	1435	rBV4	9139	13279	4.24%	0.260%
51	10.692	1456	1463	1467	rBV	123613	114414	36.56%	2.239%
52	10.816	1479	1484	1486	rBV3	21394	30962	9.89%	0.606%
53	10.998	1510	1515	1517	rBV5	11485	14157	4.52%	0.277%
54	11.027	1517	1520	1523	rVB3	14417	13290	4.25%	0.260%
55	11.251	1553	1558	1560	rVV3	14513	15215	4.86%	0.298%
56	11.286	1560	1564	1569	rVB2	21642	19598	6.26%	0.384%
57	11.392	1578	1582	1584	rBV	335925	288995	92.34%	5.655%
58	11.416	1584	1586	1589	rVV	140378	109146	34.88%	2.136%
59	11.463	1592	1594	1597	rVB	39395	35258	11.27%	0.690%
60	11.722	1634	1638	1643	rVB	15724	16379	5.23%	0.321%
61	11.804	1650	1652	1657	rVB2	10843	10802	3.45%	0.211%
62	11.892	1662	1667	1669	rBV	49845	41574	13.28%	0.814%
63	11.922	1669	1672	1675	rVB	52269	44435	14.20%	0.870%
64	11.969	1677	1680	1683	rBV3	21650	20673	6.61%	0.405%
65	12.004	1683	1686	1688	rBV2	57314	57677	18.43%	1.129%
66	12.027	1688	1690	1693	rVB	41776	30971	9.90%	0.606%
67	12.186	1714	1717	1719	rBV3	20070	16575	5.30%	0.324%
68	12.210	1719	1721	1726	rVB6	8995	12943	4.14%	0.253%
69	12.445	1757	1761	1764	rBV2	38288	46910	14.99%	0.918%
70	12.486	1764	1768	1773	rVB6	49264	65937	21.07%	1.290%
71	12.527	1773	1775	1776	rBV2	15447	12860	4.11%	0.252%
72	12.604	1785	1788	1792	rBV	125366	98050	31.33%	1.919%
73	12.757	1812	1814	1817	rBV4	13751	14820	4.74%	0.290%
74	12.833	1822	1827	1834	rBV	136082	152791	48.82%	2.990%
75	12.886	1834	1836	1840	rVB5	10005	13633	4.36%	0.267%
76	12.951	1844	1847	1848	rBV3	10097	12191	3.90%	0.239%

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77	12.974	1848	1851	1854	rBV	237846	197701	63.17%	3.869%
78	13.057	1860	1865	1867	rBV4	20697	30652	9.79%	0.600%
79	13.139	1876	1879	1880	rVV3	16046	16157	5.16%	0.316%
80	13.157	1880	1882	1886	rVB2	42784	48576	15.52%	0.951%
81	13.227	1892	1894	1897	rVB2	25706	20108	6.43%	0.393%
82	13.268	1898	1901	1903	rVB2	30433	26282	8.40%	0.514%
83	13.357	1914	1916	1920	rVV	20831	21180	6.77%	0.414%
84	13.392	1920	1922	1926	rVB2	21808	19580	6.26%	0.383%
85	13.610	1957	1959	1963	rVB5	11343	13010	4.16%	0.255%
86	13.651	1963	1966	1967	rBV3	23740	20927	6.69%	0.410%
87	13.780	1986	1988	1991	rBV4	17184	14577	4.66%	0.285%
88	13.880	2001	2005	2010	rBV7	24756	32745	10.46%	0.641%
89	14.033	2026	2031	2034	rBV2	310416	312952	100.00%	6.124%
90	14.063	2034	2036	2038	rVB	39506	30607	9.78%	0.599%
91	14.121	2044	2046	2048	rBV3	20226	16790	5.37%	0.329%
92	14.198	2055	2059	2062	rBV6	28319	39759	12.70%	0.778%
93	14.421	2095	2097	2100	rVB3	34012	28462	9.09%	0.557%
94	14.457	2100	2103	2105	rBV4	20016	24425	7.80%	0.478%
95	14.498	2108	2110	2113	rVV4	21726	12988	4.15%	0.254%
96	14.810	2161	2163	2167	rBV5	16897	20937	6.69%	0.410%
97	15.515	2279	2283	2287	rBV	145191	194271	62.08%	3.802%
98	16.768	2492	2496	2497	rBV4	13353	18836	6.02%	0.369%
99	16.986	2531	2533	2537	rBV5	17164	24261	7.75%	0.475%
100	18.539	2793	2797	2798	rVV3	11735	16704	5.34%	0.327%

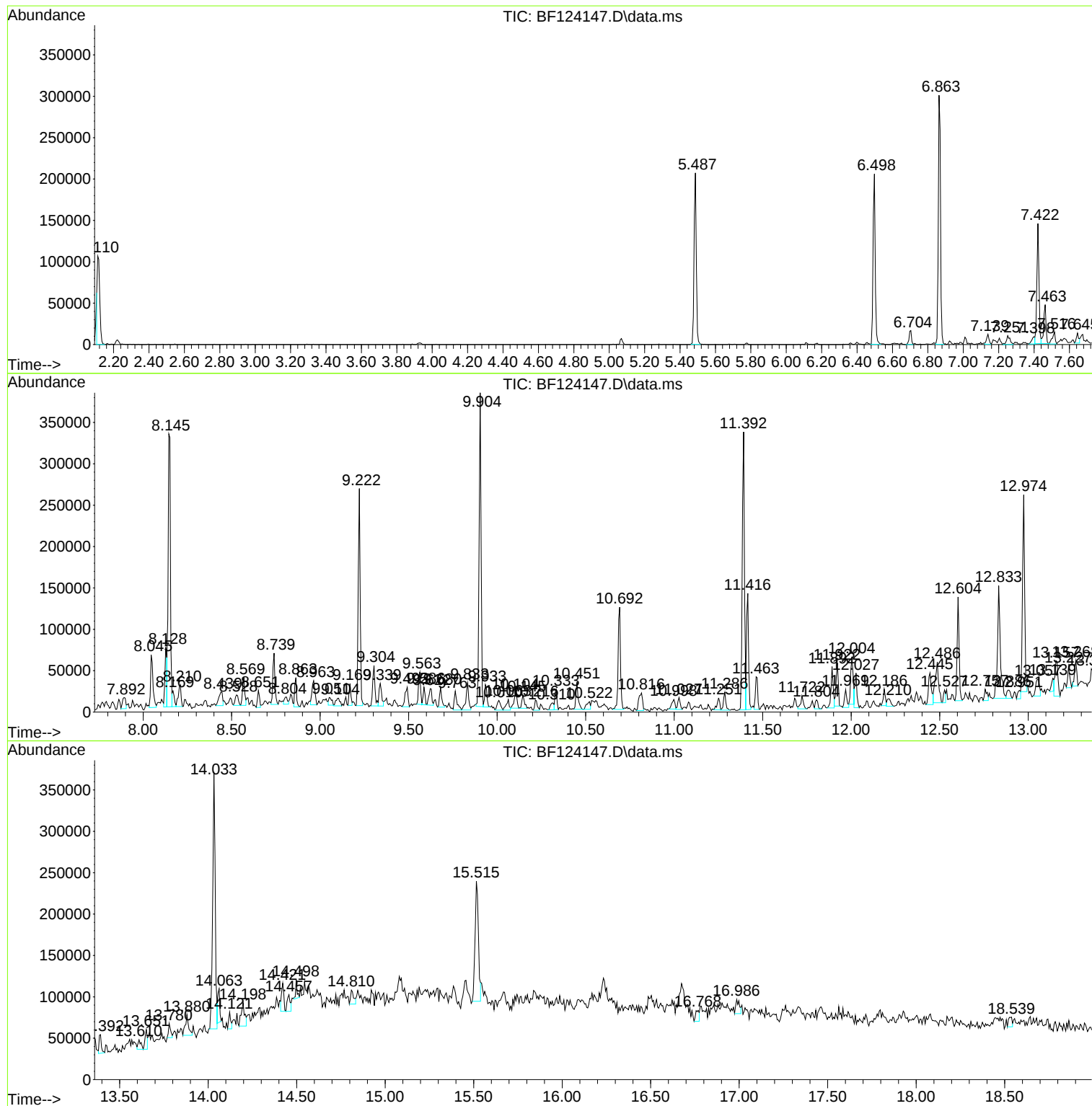
Sum of corrected areas: 5110079

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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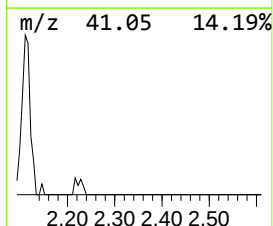
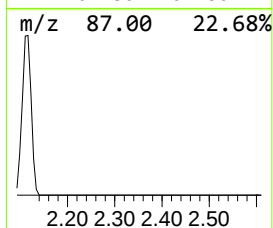
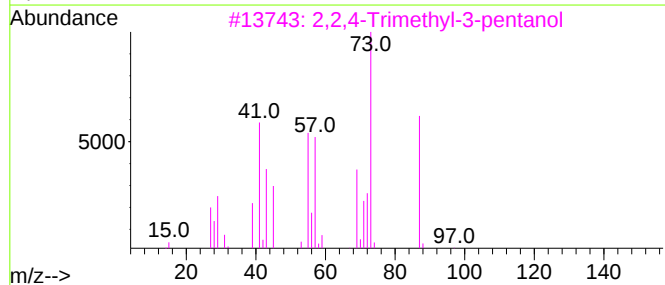
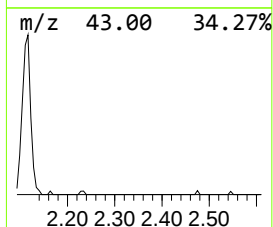
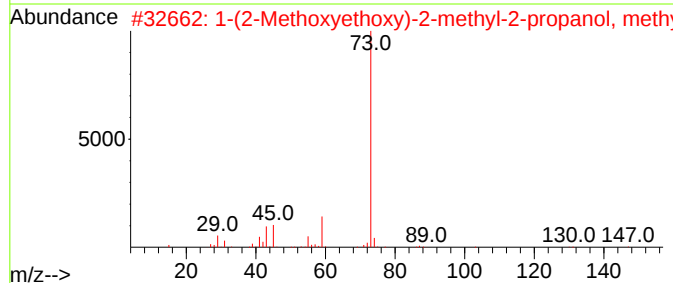
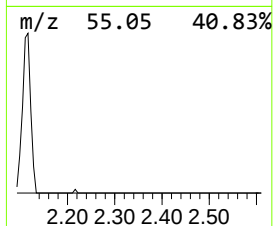
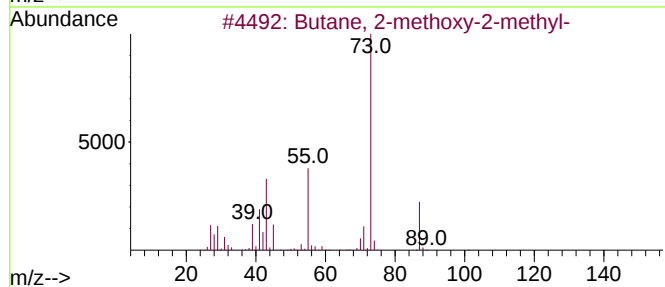
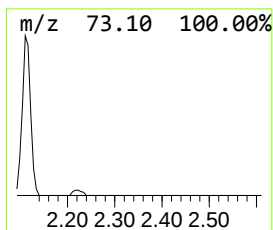
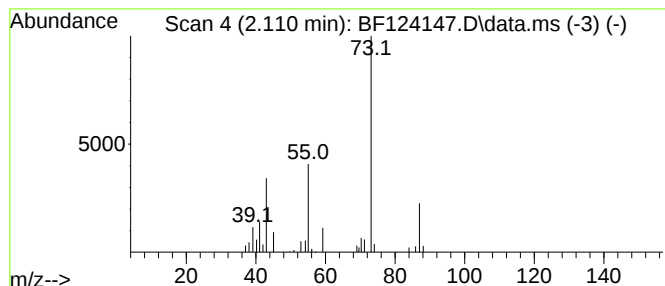
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.110 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.110	7.88 ng	101211	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	23
4			1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5			1-Pentanamine	87	C5H13N	000110-58-7	5



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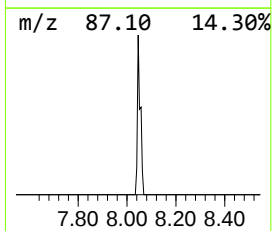
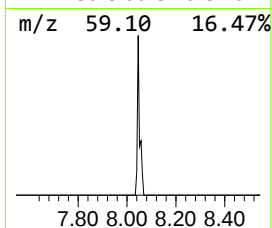
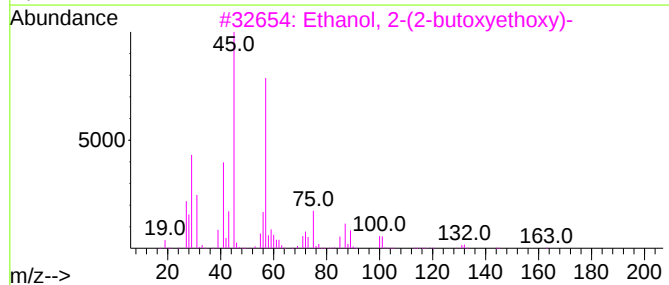
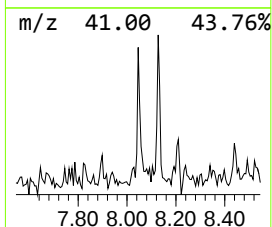
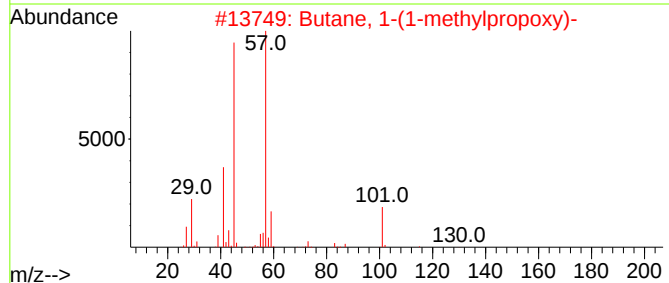
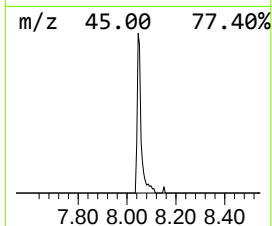
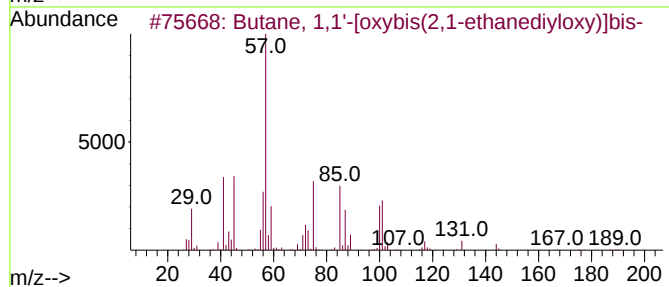
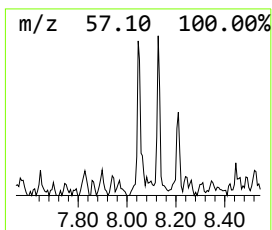
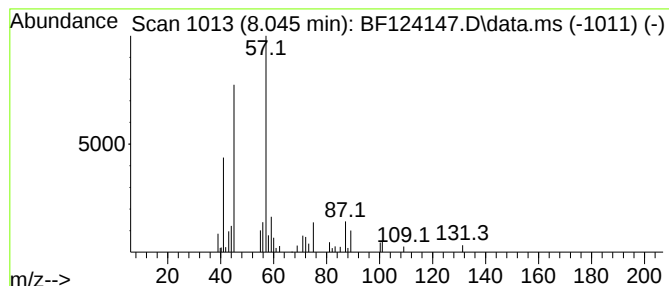
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 1,1'-[oxybis(2,1-et... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	4.03 ng	60281	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
2			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	59
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
4			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	45
5			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	40



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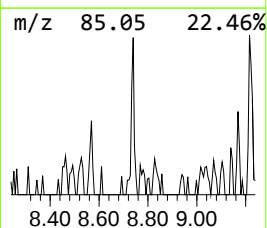
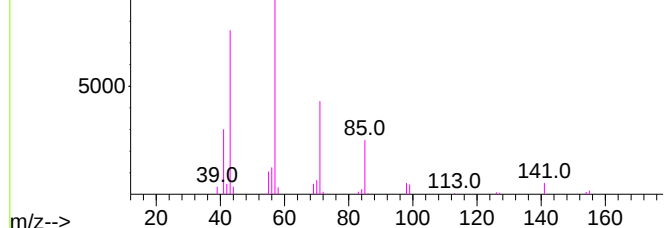
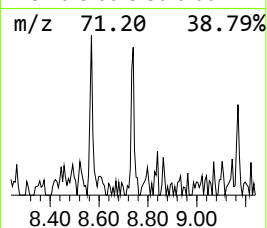
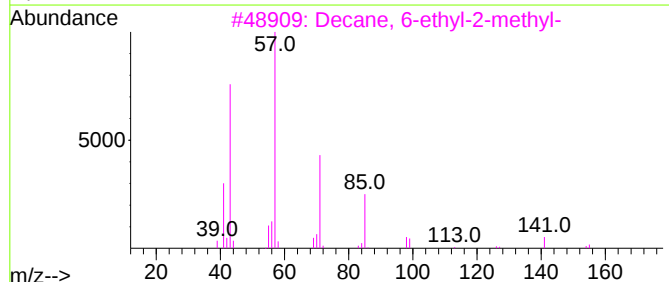
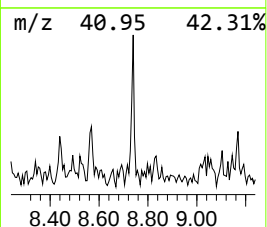
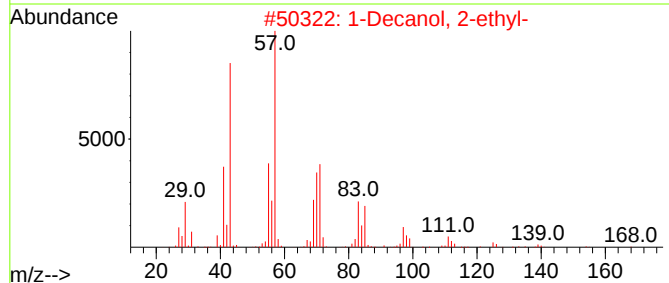
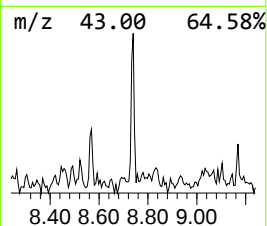
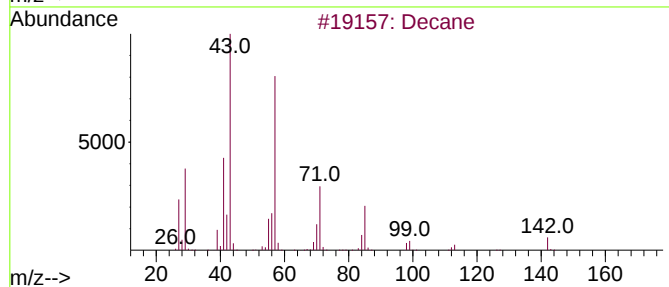
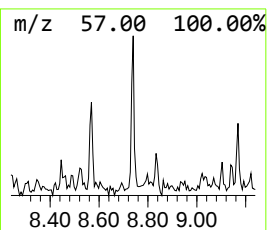
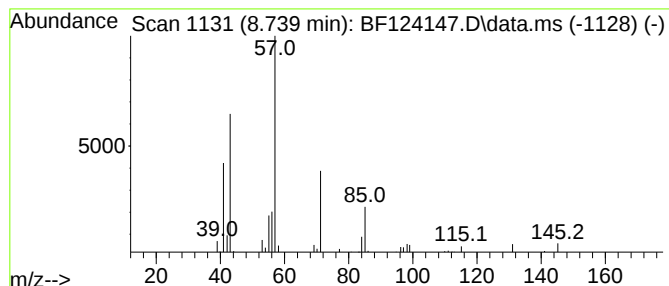
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	3.41 ng	51030	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	72
2			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	59
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
4			Hexadecane	226	C16H34	000544-76-3	53
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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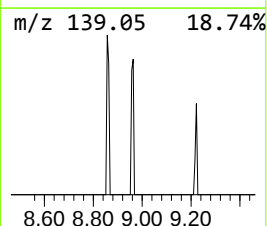
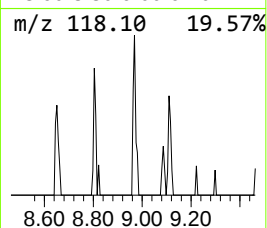
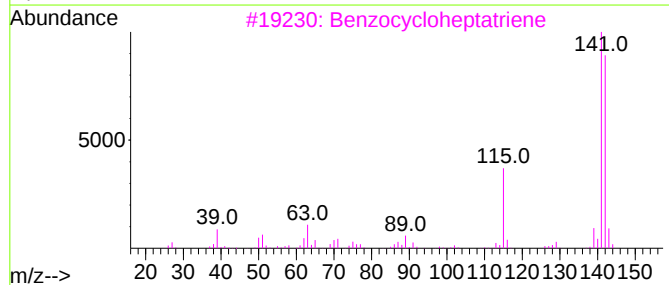
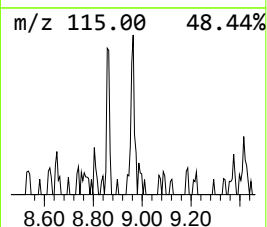
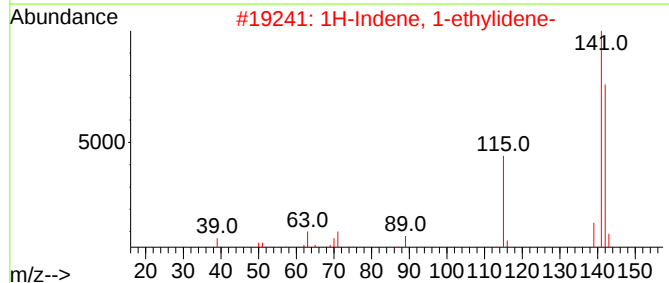
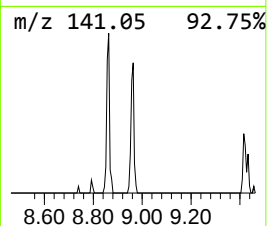
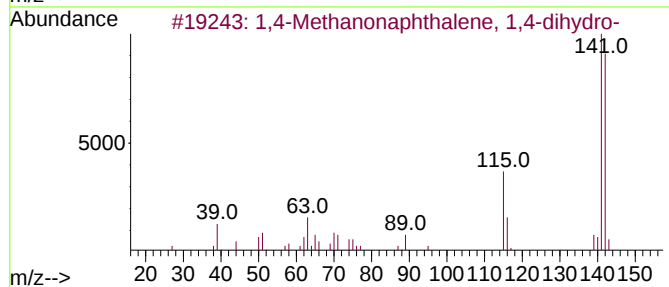
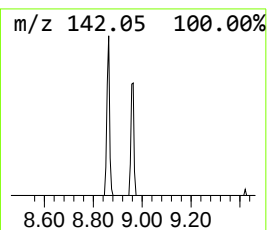
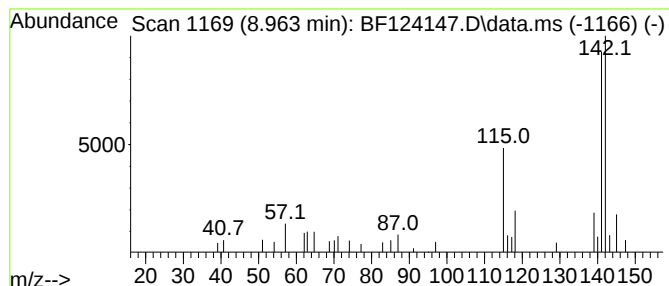
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1,4-Methanonaphthalene, 1,4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.963	2.22 ng	33316	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72
2		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	68
3		Benzocycloheptatriene	142	C11H10	000264-09-5	64
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
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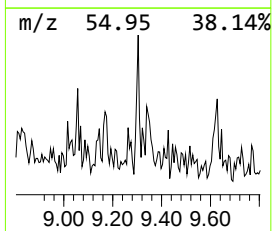
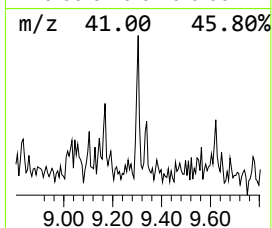
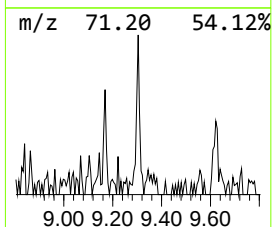
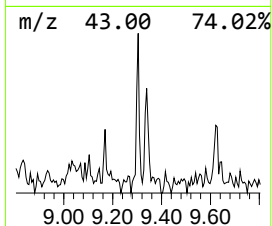
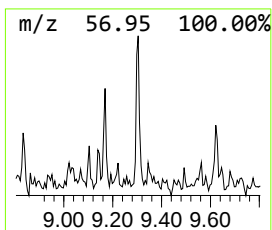
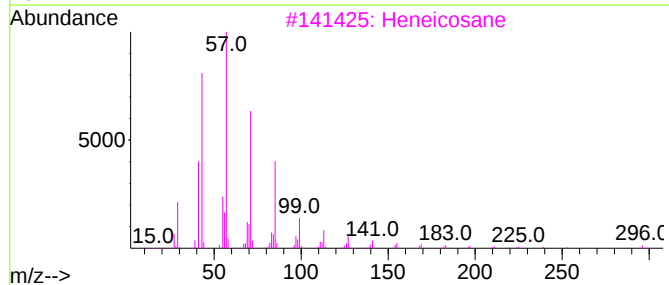
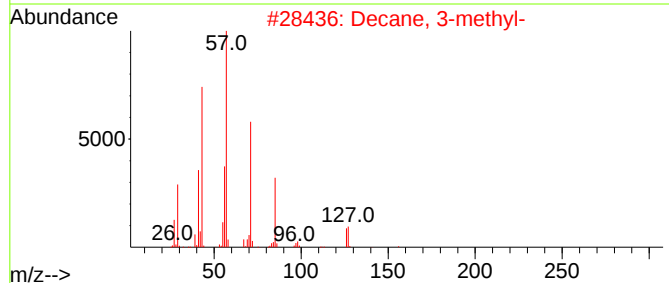
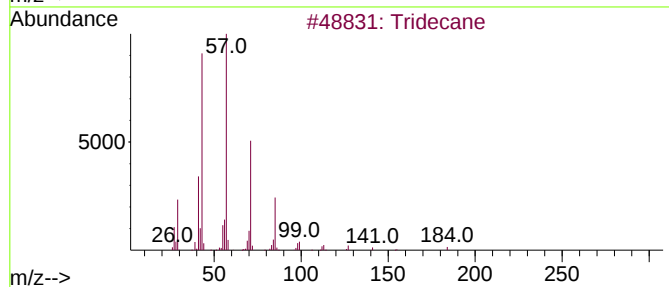
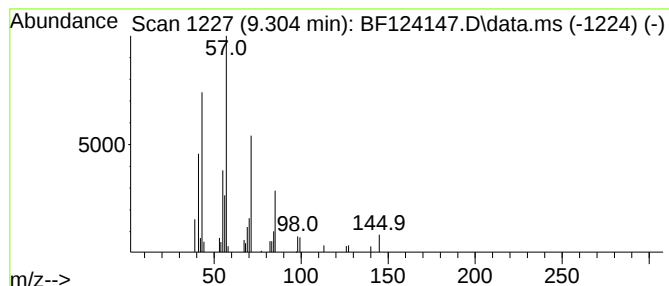
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	3.08 ng	45195	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	72
2			Decane, 3-methyl-	156	C11H24	013151-34-3	64
3			Heneicosane	296	C21H44	000629-94-7	64
4			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
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Misc :
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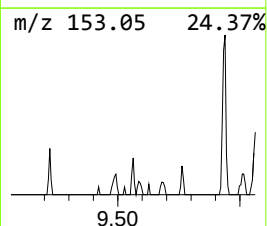
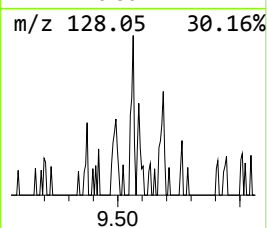
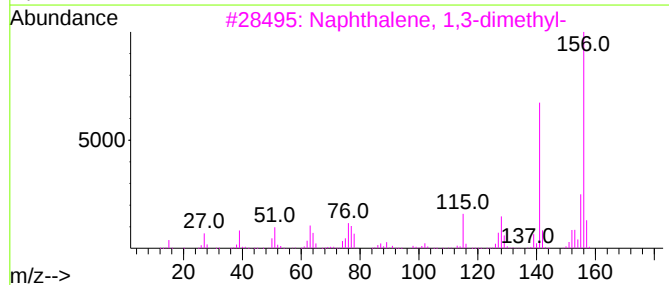
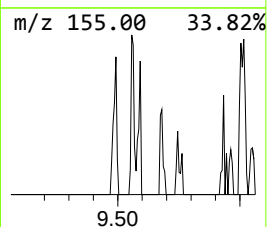
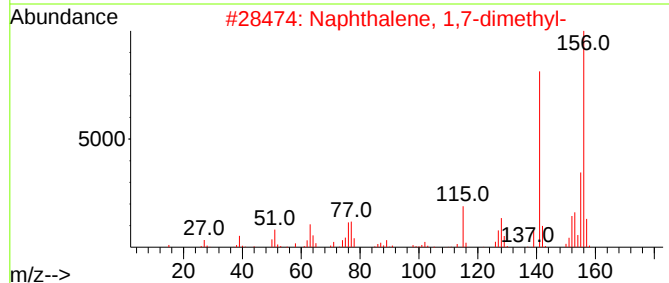
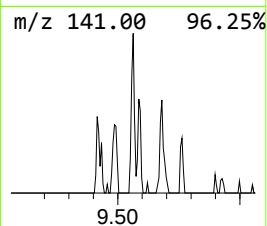
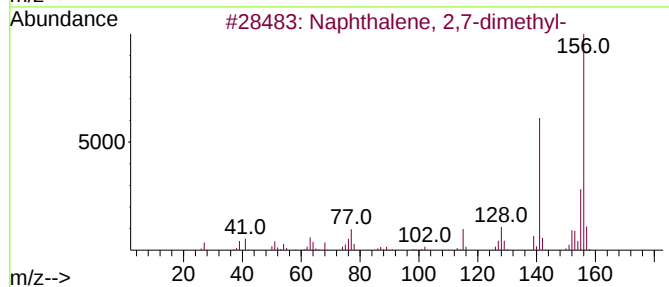
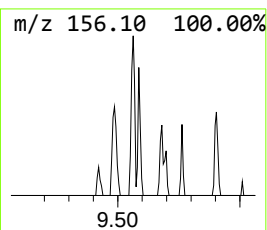
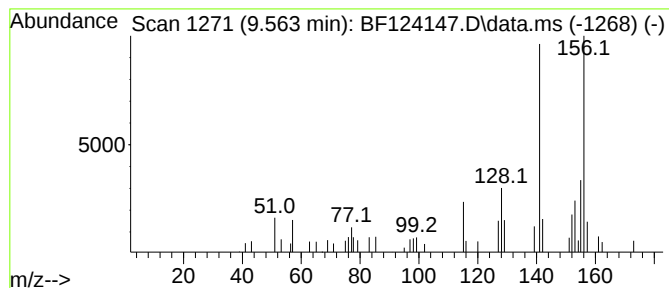
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	2.23 ng	32698	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
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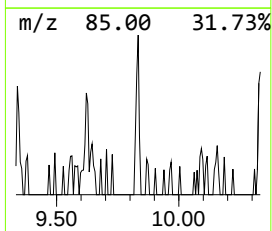
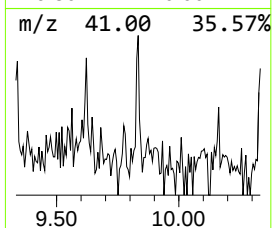
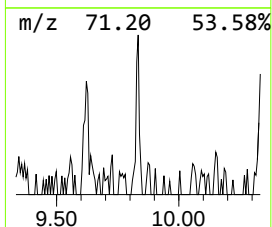
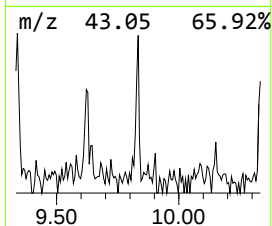
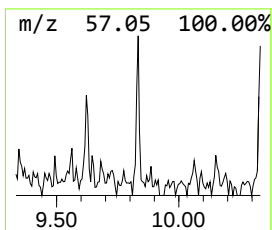
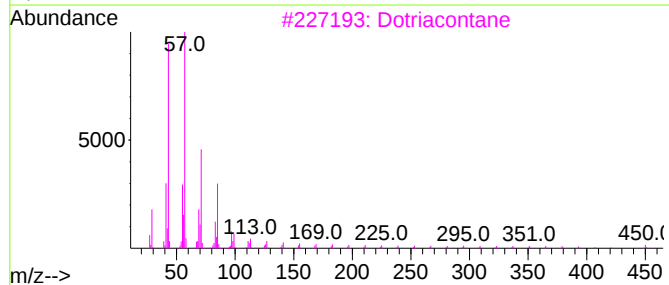
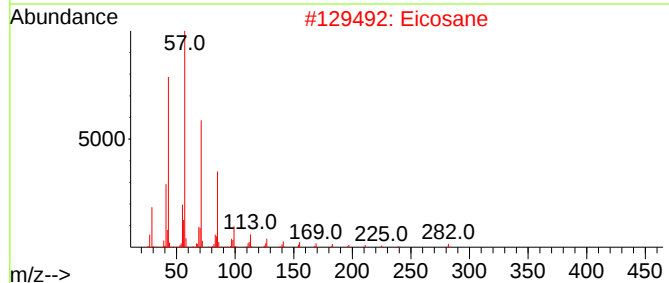
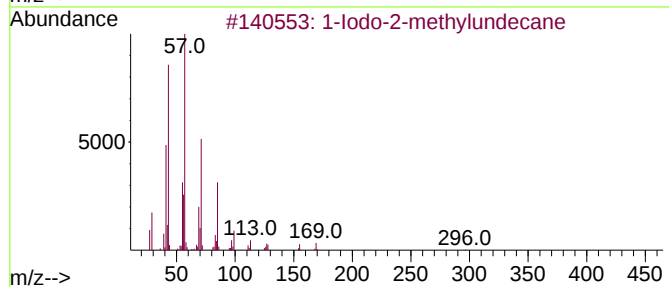
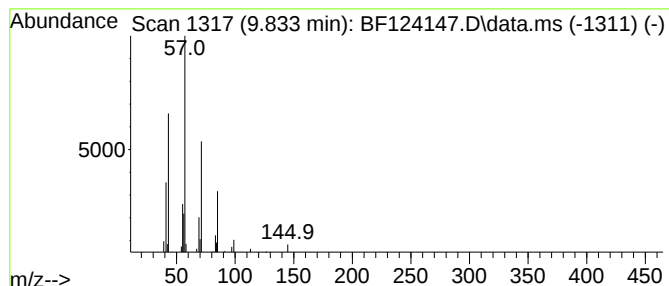
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	2.39 ng	35160	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
2			Eicosane	282	C20H42	000112-95-8	72
3			Dotriacontane	451	C32H66	000544-85-4	72
4			Hexacosane	366	C26H54	000630-01-3	72
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
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Misc :
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ClientSampleId :
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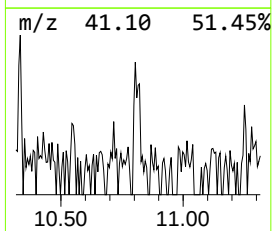
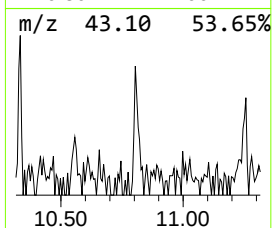
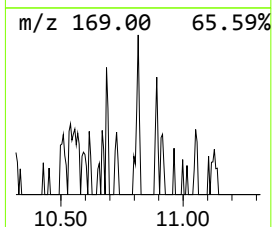
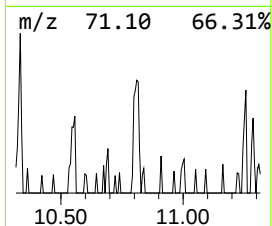
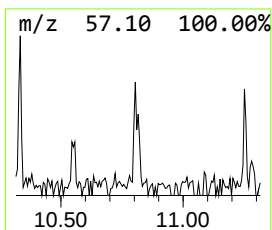
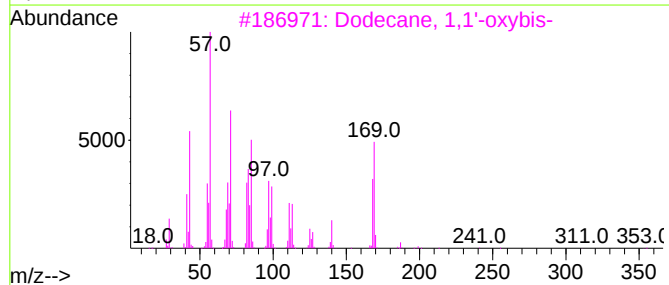
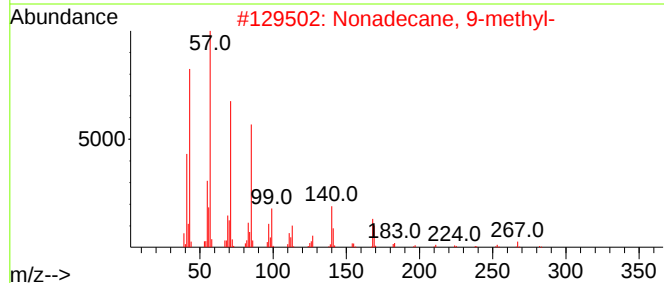
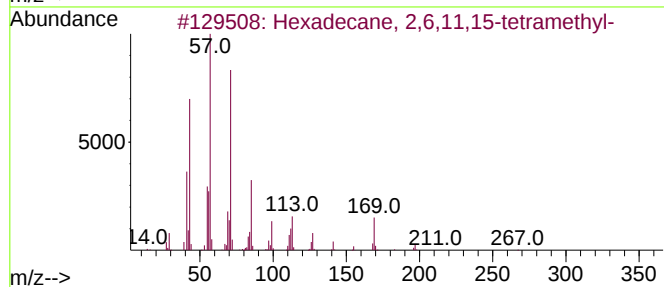
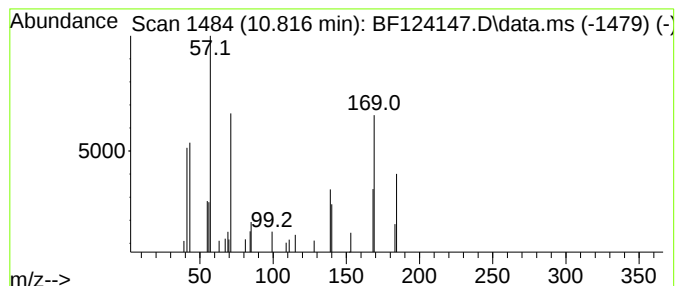
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.816 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	2.14 ng	30962	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	27
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	27
3		Dodecane, 1,1'-oxybis-	354	C24H50O	004542-57-8	25
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	14
5		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	14



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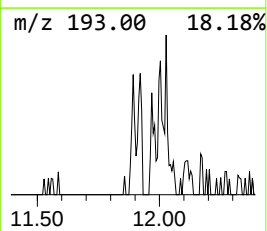
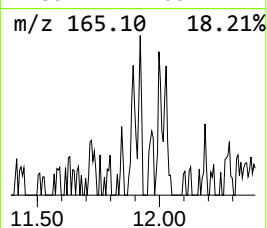
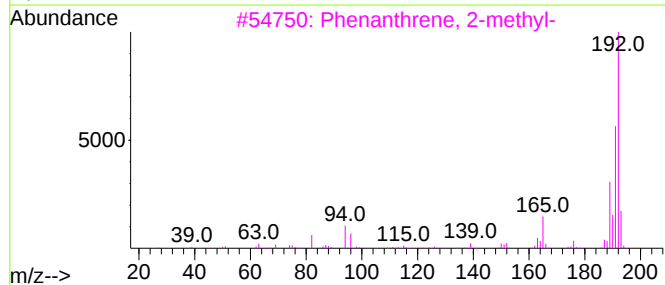
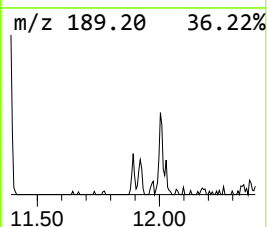
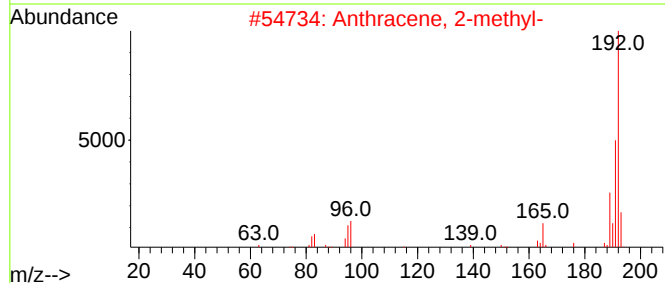
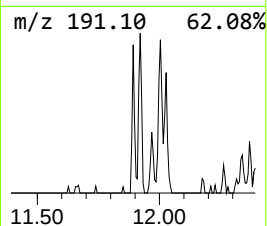
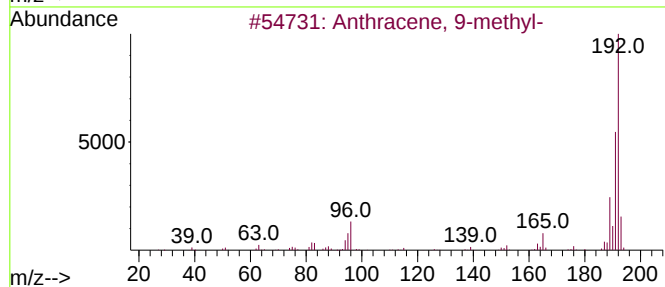
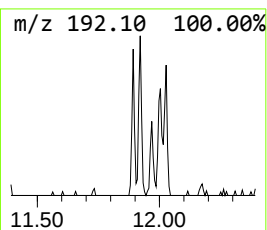
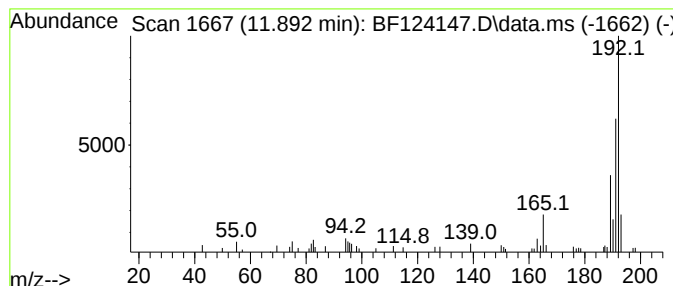
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.88 ng	41574	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
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Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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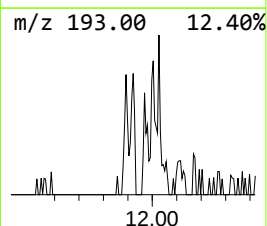
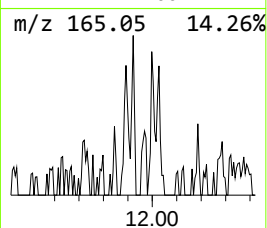
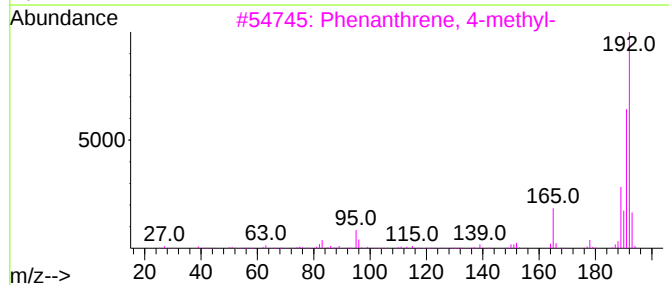
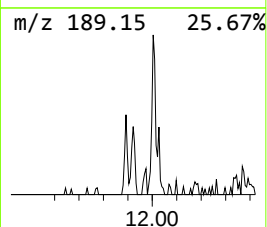
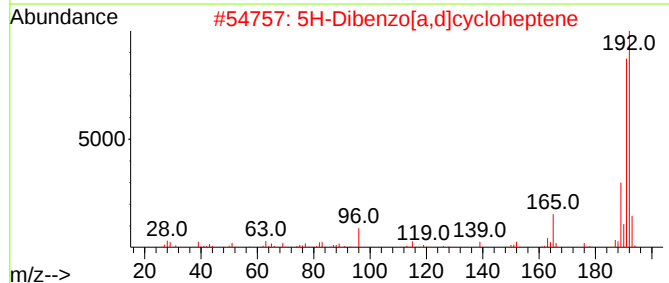
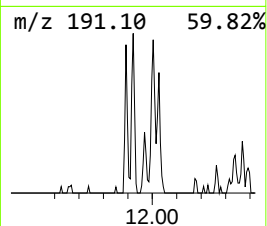
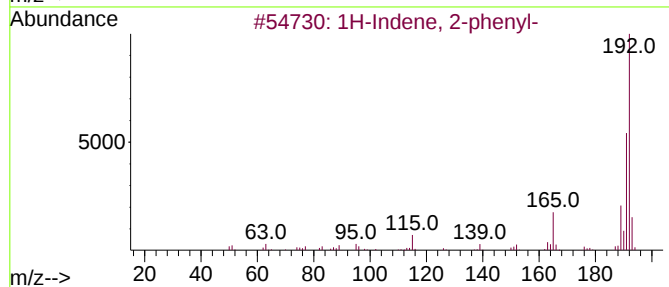
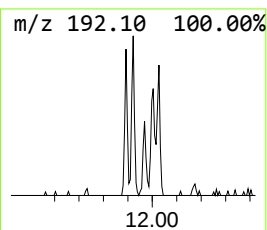
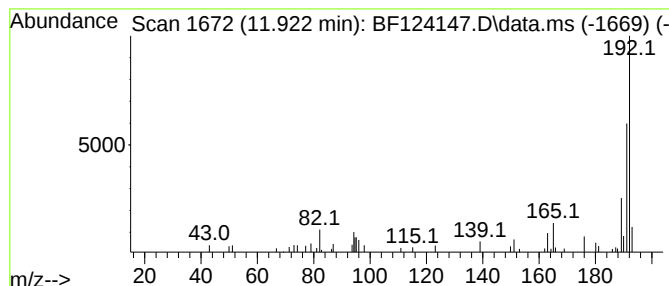
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.08 ng	44435	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

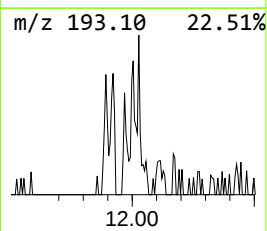
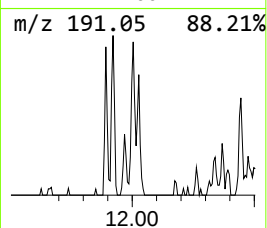
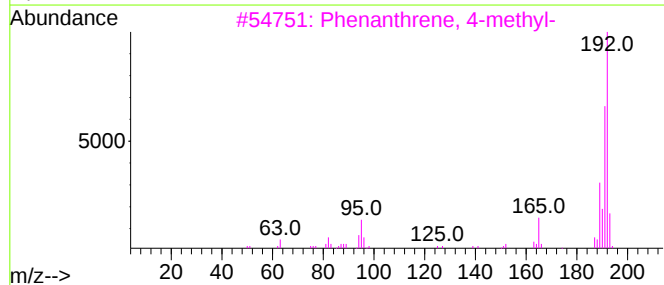
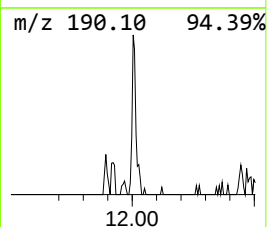
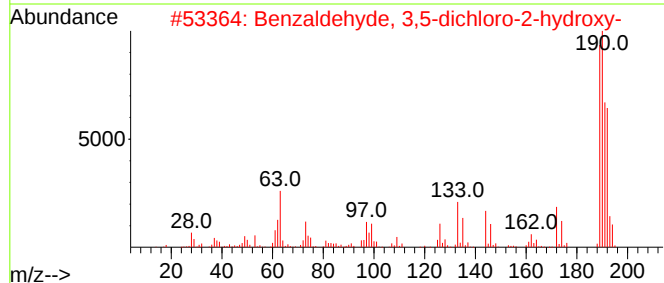
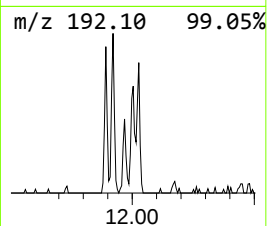
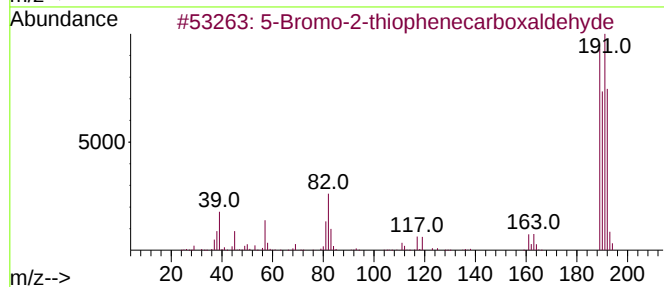
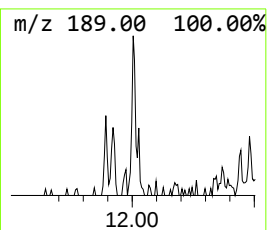
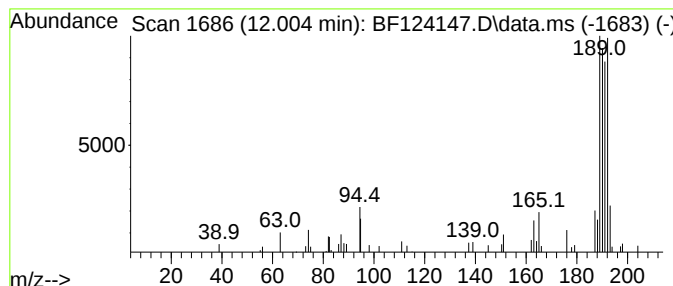
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Bromo-2-thiophenecarboxal... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.99 ng	57677	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	59
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	45
4		Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	43
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

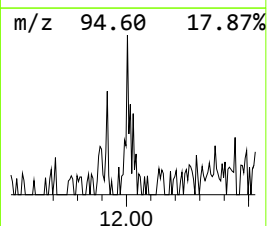
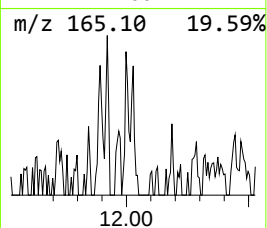
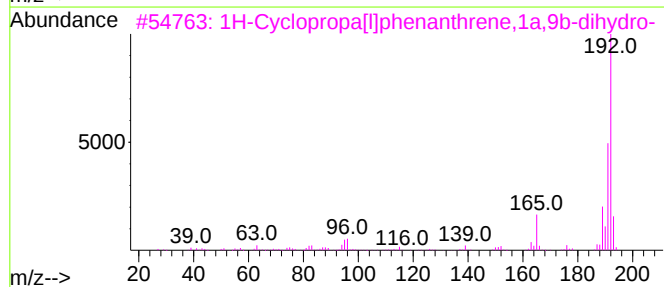
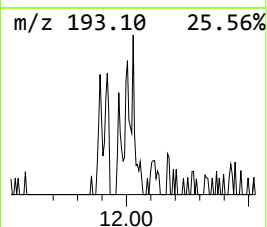
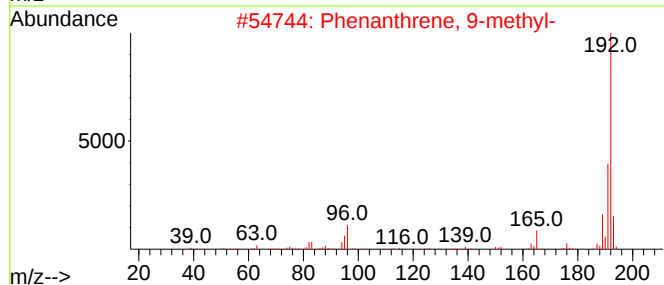
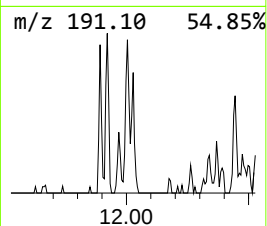
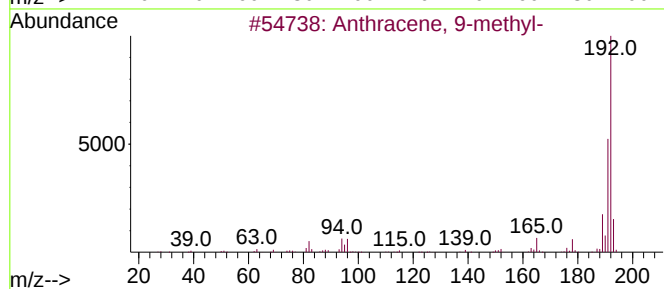
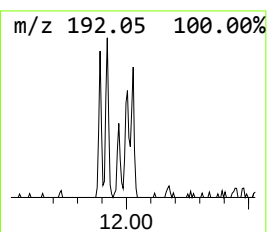
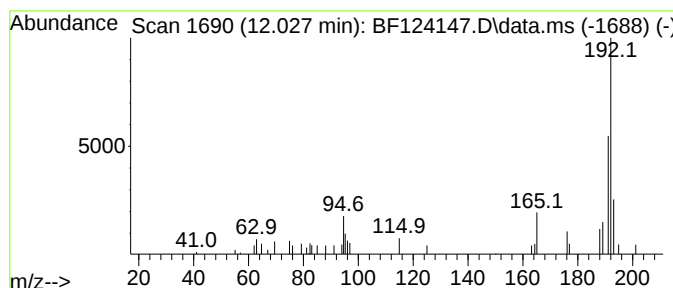
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	2.14 ng	30971	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
2			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	58
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
5			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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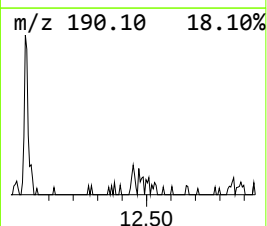
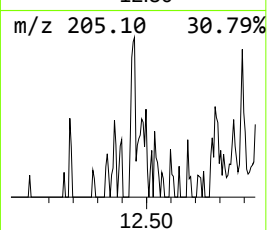
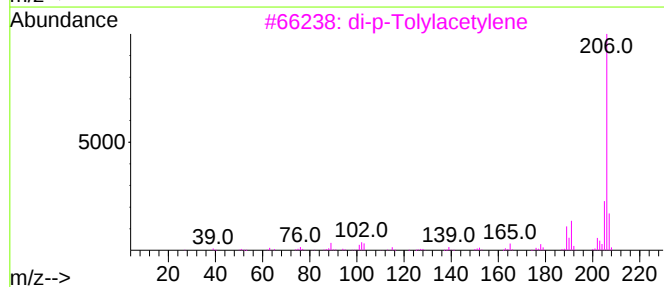
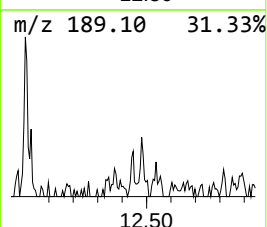
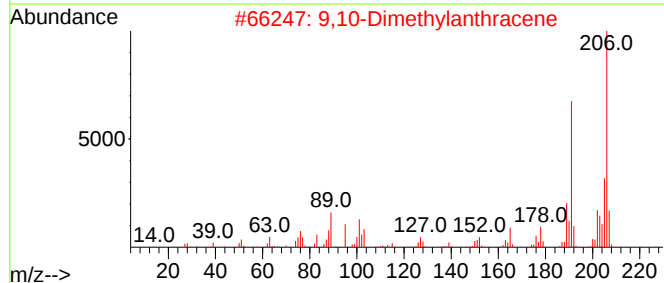
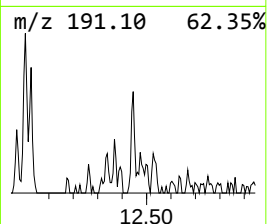
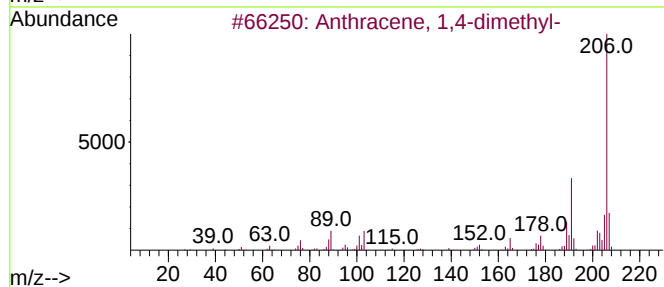
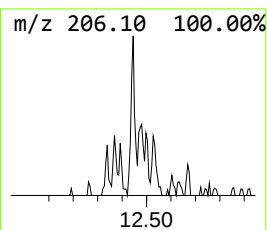
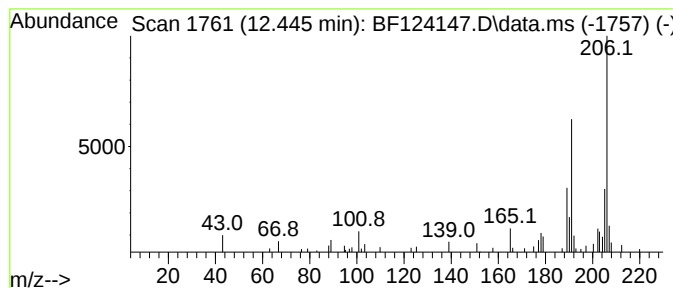
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.25 ng	46910	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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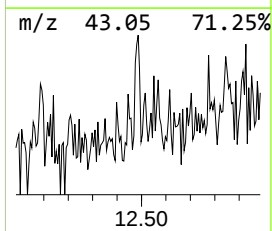
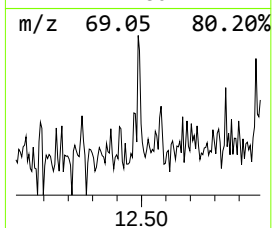
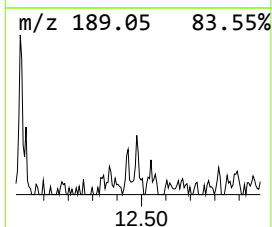
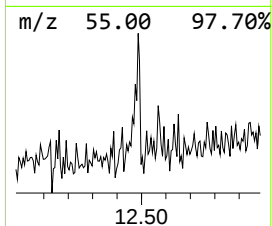
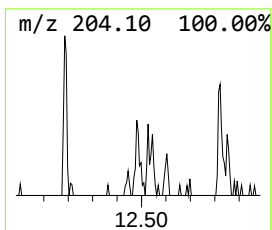
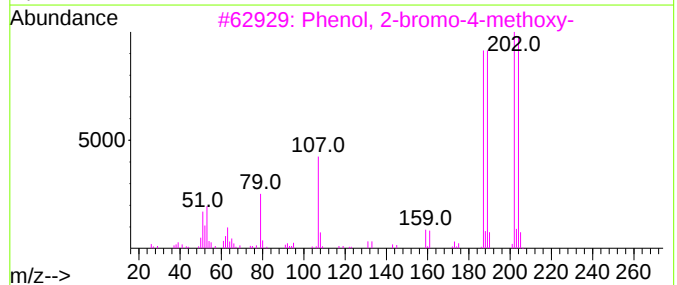
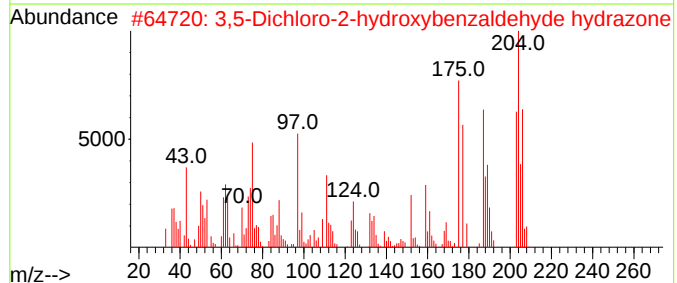
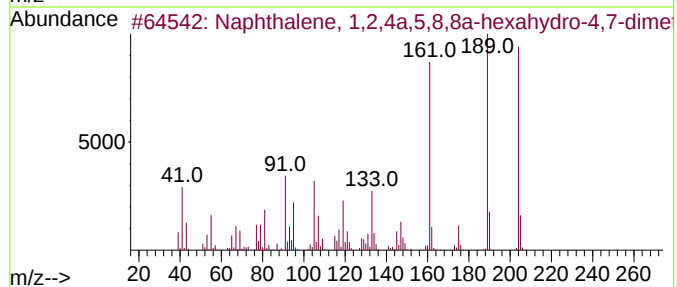
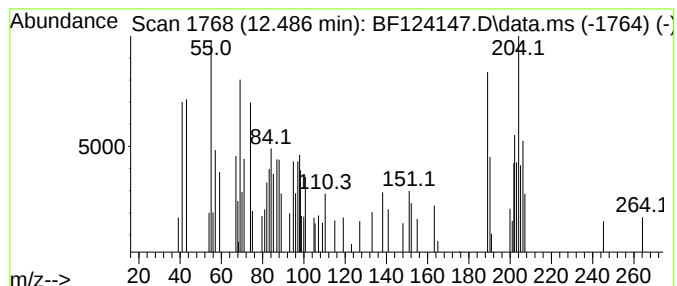
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.486 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.56 ng	65937	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	30
2			3,5-Dichloro-2-hydroxybenzaldehy...	204	C7H6Cl2N2O	043002-22-8	25
3			Phenol, 2-bromo-4-methoxy-	202	C7H7BrO2	017332-11-5	25
4			1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	16
5			1,1,2-Tri(methylthio)pent-1-en-3...	204	C8H12S3	1000250-48-0	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-060221

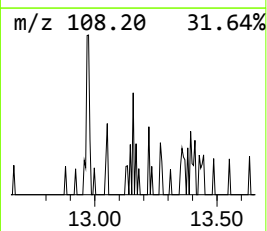
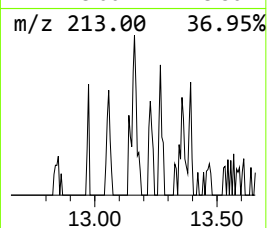
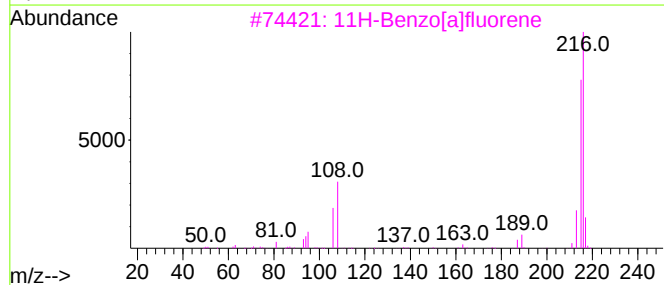
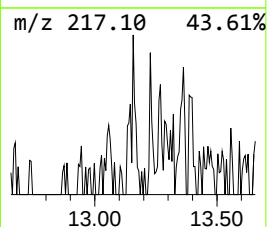
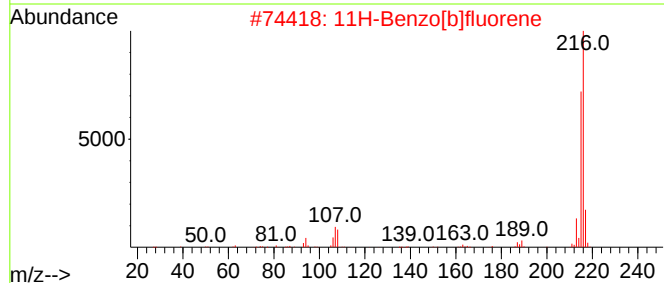
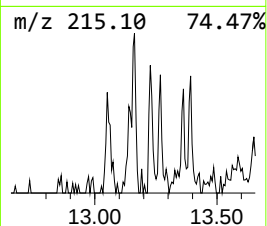
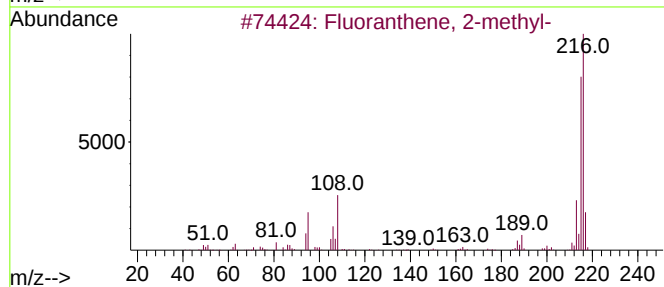
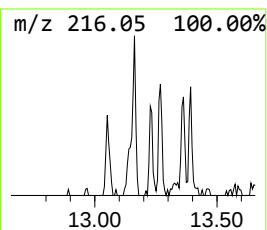
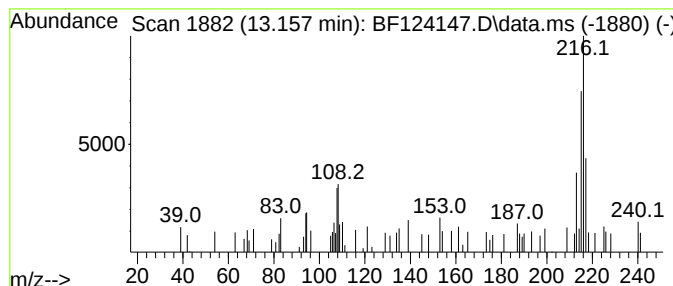
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.10 ng	48576	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
5			3-Pyridinamine, 6-chloro-N-(phen...	216	C12H9ClN2	005325-71-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
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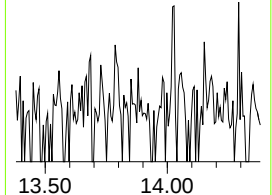
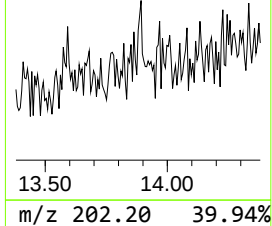
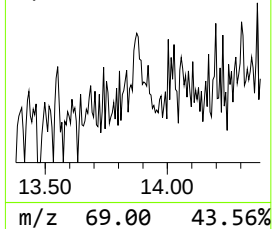
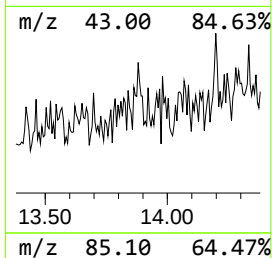
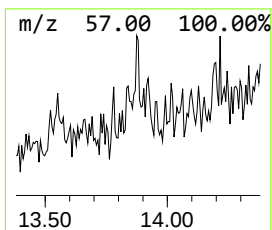
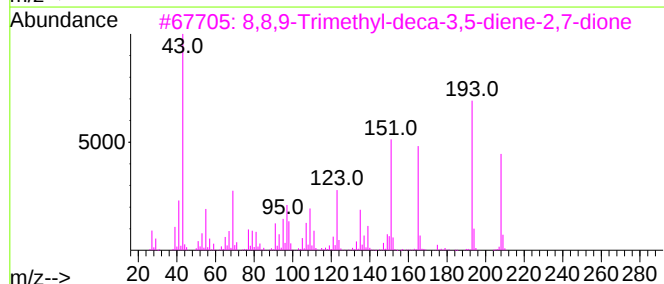
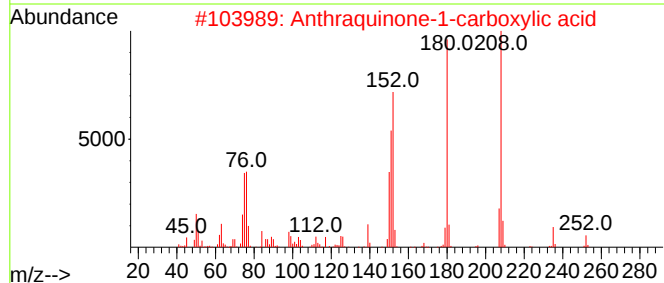
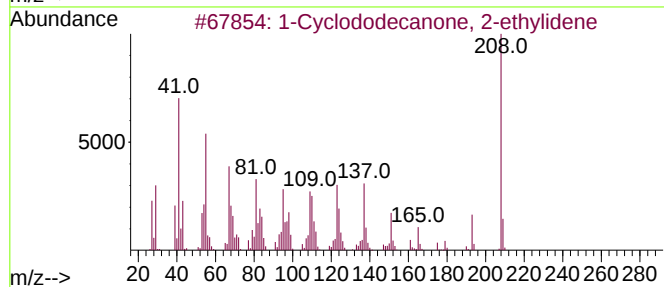
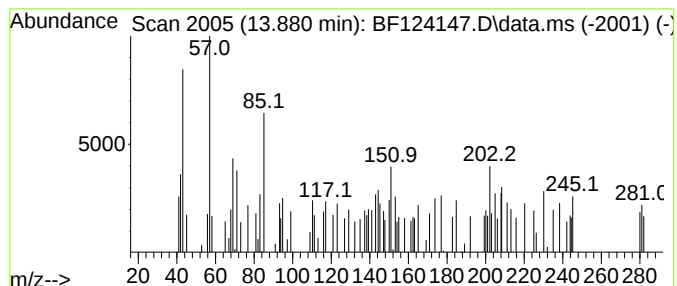
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.880 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.09 ng	32745	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Cyclododecanone, 2-ethylidene	208	C14H24O	001138-01-8	9
2		Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	9
3		8,8,9-Trimethyl-deca-3,5-diene-2...	208	C13H20O2	1000194-25-9	9
4		Spiro[2,3-dihydroindol-3,5'-2'-o...	287	C14H13N3O4	1000306-55-1	9
5		4H-Pyran-4-one, 3,5-diacetyl-2,6...	208	C11H12O4	019396-77-1	7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

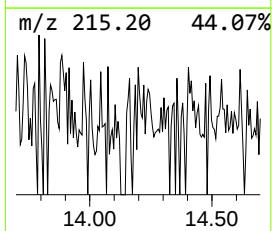
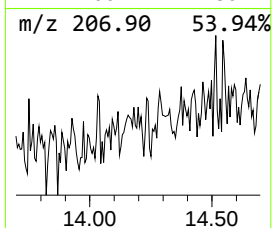
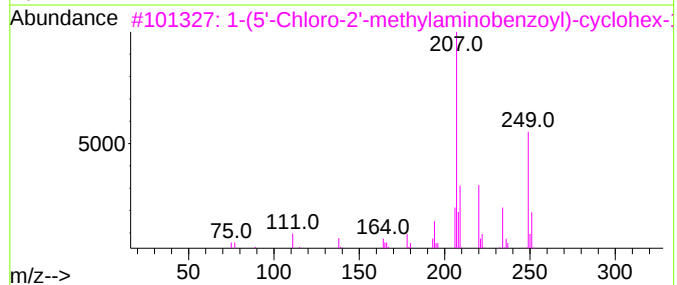
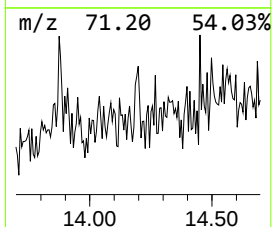
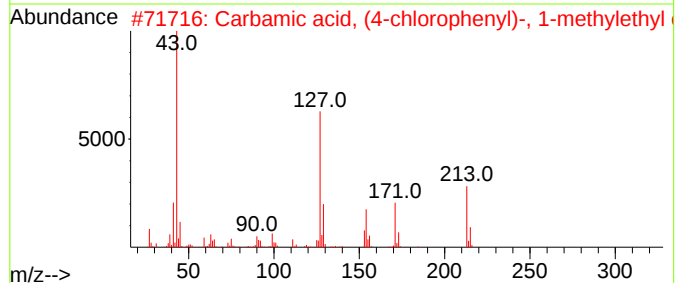
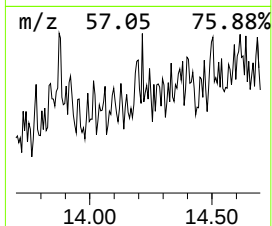
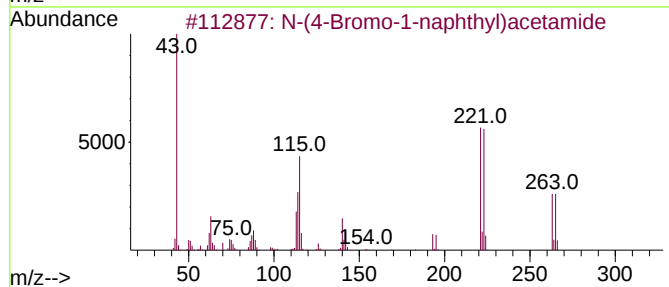
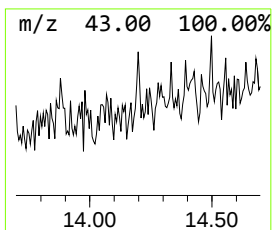
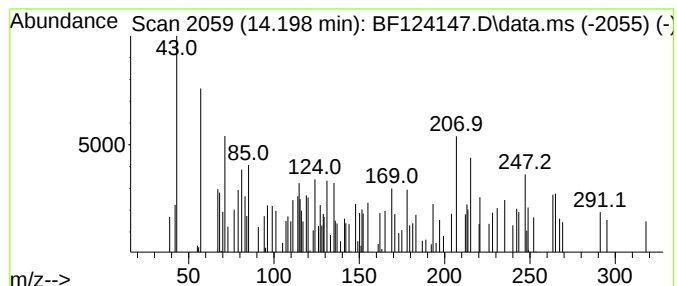
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.198 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	2.54 ng	39759	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-(4-Bromo-1-naphthyl)acetamide	263	C12H10BrNO	091394-66-0	11
2		Carbamic acid, (4-chlorophenyl)-...	213	C10H12ClNO2	002239-92-1	11
3		1-(5'-Chloro-2'-methylaminobenzo...	249	C14H16ClNO	097994-57-5	9
4		9-(1-Methyl-2-oxobutyl)acridine	263	C18H17NO	015539-59-0	9
5		1H-Benzo[b][1,4]-diazepin-2(3H)-...	249	C11H11N3O4	312530-60-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

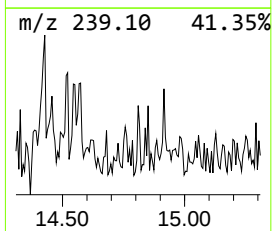
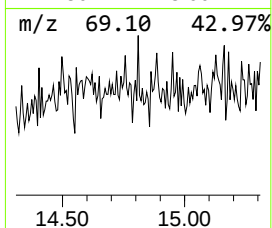
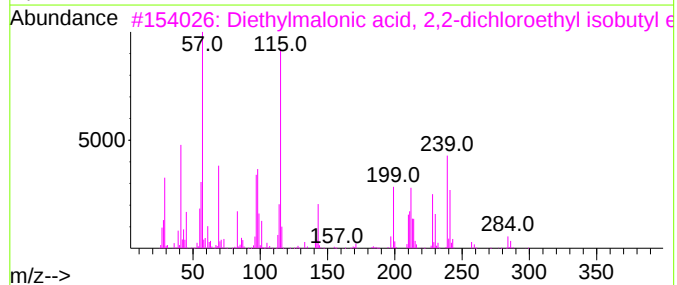
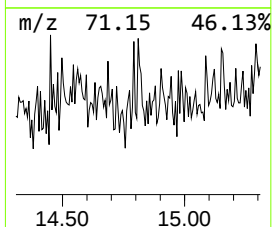
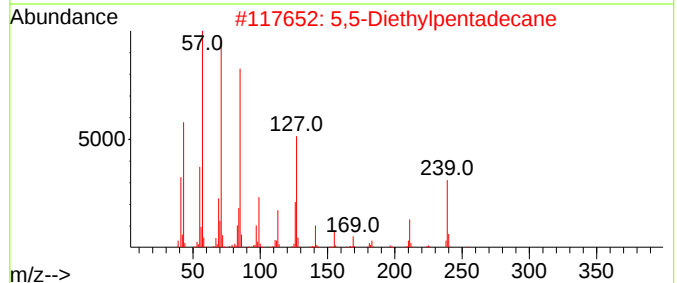
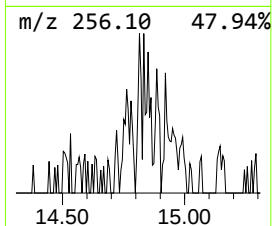
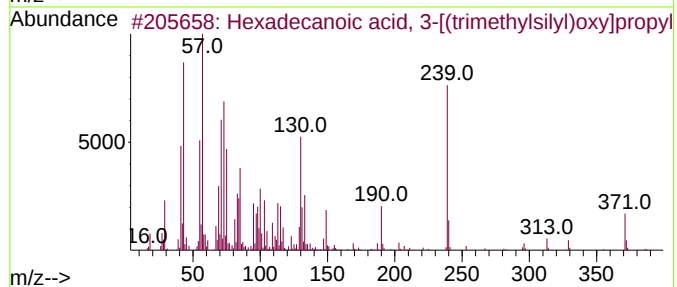
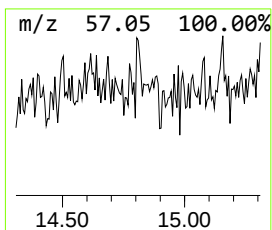
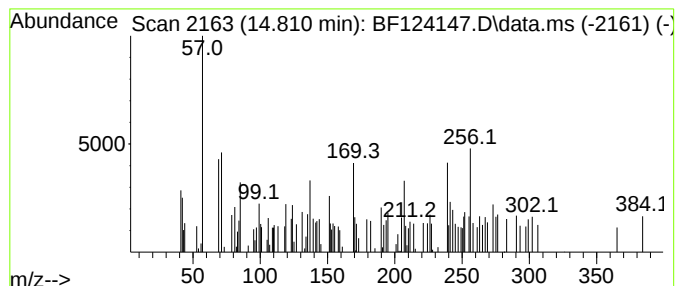
Instrument :
BNA_F
ClientSampleId :
EO-03-060221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.810 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.810	2.16 ng	20937	Perylene-d12	15.515	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 3-[(trimethyl...	386	C22H46O3Si	056630-48-9	10
2	5,5-Diethylpentadecane	268	C19H40	1000360-41-0	10
3	Diethylmalonic acid, 2,2-dichlor...	312	C13H22Cl2O4	1000370-77-8	10
4	2-Butoxy-2-oxoethyl 2,2,3,3,4,4,...	328	C10H11F7O4	1000366-75-1	9
5	Heptafluorobutyric acid, heptyl ...	312	C11H15F7O2	000866-19-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124147.D
 Acq On : 4 Jun 2021 19:12
 Operator : JU/CG
 Sample : M2584-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-060221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
unknown2.110	2.110	7.9	ng	101211	1	6.869	256835	20.0
Butane, 1,1'-[o...	8.045	4.0	ng	60281	2	8.151	299501	20.0
Decane	8.739	3.4	ng	51030	2	8.151	299501	20.0
1,4-Methanonaph...	8.963	2.2	ng	33316	2	8.151	299501	20.0
Tridecane	9.304	3.1	ng	45195	3	9.904	293866	20.0
Naphthalene, 2,...	9.563	2.2	ng	32698	3	9.904	293866	20.0
1-Iodo-2-methyl...	9.833	2.4	ng	35160	3	9.904	293866	20.0
unknown10.816	10.816	2.1	ng	30962	4	11.392	288995	20.0
Anthracene, 9-m...	11.892	2.9	ng	41574	4	11.392	288995	20.0
1H-Indene, 2-ph...	11.922	3.1	ng	44435	4	11.392	288995	20.0
5-Bromo-2-thiop...	12.004	4.0	ng	57677	4	11.392	288995	20.0
Phenanthrene, 9...	12.027	2.1	ng	30971	4	11.392	288995	20.0
Anthracene, 1,4...	12.445	3.3	ng	46910	4	11.392	288995	20.0
unknown12.486	12.486	4.6	ng	65937	4	11.392	288995	20.0
Fluoranthene, 2...	13.157	3.1	ng	48576	5	14.033	312952	20.0
unknown13.880	13.880	2.1	ng	32745	5	14.033	312952	20.0
unknown14.198	14.198	2.5	ng	39759	5	14.033	312952	20.0
unknown14.810	14.810	2.2	ng	20937	6	15.515	194271	20.0