

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
 Data File : BF115778.D
 Acq On : 26 Jul 2019 00:26
 Operator : HP/JU
 Sample : K3983-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	21	rVB	589840	771616	24.83%	1.297%
2	5.492	575	579	599	rBV	2541837	2501688	80.50%	4.205%
3	6.498	746	750	770	rBV	2408349	2660477	85.61%	4.471%
4	6.639	770	774	778	rBV	2900255	2699092	86.85%	4.536%
5	6.869	810	813	817	rBV	900366	724449	23.31%	1.218%
6	7.028	836	840	843	rBV	2517175	2129288	68.51%	3.579%
7	7.428	904	908	911	rBV	1824370	1621375	52.17%	2.725%
8	8.151	1027	1031	1034	rBV	971292	878448	28.27%	1.476%
9	9.228	1209	1214	1224	rBV	2943004	2937847	94.53%	4.938%
10	9.563	1267	1271	1274	rVV	53722	53510	1.72%	0.090%
11	9.616	1277	1280	1288	rVV	558553	505378	16.26%	0.849%
12	9.763	1302	1305	1310	rVB	165466	148988	4.79%	0.250%
13	9.904	1322	1329	1332	rBV	1264461	1052581	33.87%	1.769%
14	9.933	1332	1334	1339	rVB	139642	137469	4.42%	0.231%
15	10.110	1360	1364	1368	rBV	113822	116993	3.76%	0.197%
16	10.345	1400	1404	1408	rVB	143381	152811	4.92%	0.257%
17	10.422	1415	1417	1419	rBV	84481	63660	2.05%	0.107%
18	10.451	1419	1422	1428	rVB2	186072	181286	5.83%	0.305%
19	10.692	1459	1463	1475	rVV	1977594	1940630	62.44%	3.262%
20	10.822	1479	1485	1490	rVB4	50118	78731	2.53%	0.132%
21	10.998	1509	1515	1518	rBV3	68777	96170	3.09%	0.162%
22	11.127	1532	1537	1539	rBV3	56270	73201	2.36%	0.123%
23	11.151	1539	1541	1545	rVV2	65591	70218	2.26%	0.118%
24	11.192	1545	1548	1552	rVV	121657	123398	3.97%	0.207%
25	11.245	1552	1557	1561	rVV4	64190	122390	3.94%	0.206%
26	11.286	1561	1564	1569	rVB	136223	132212	4.25%	0.222%
27	11.392	1578	1582	1584	rBV	1036038	1094736	35.23%	1.840%
28	11.416	1584	1586	1589	rVV	2146399	1677024	53.96%	2.819%
29	11.463	1591	1594	1598	rVV	481801	442261	14.23%	0.743%
30	11.498	1598	1600	1603	rVB2	58632	58931	1.90%	0.099%
31	11.616	1615	1620	1623	rBV2	209839	229751	7.39%	0.386%
32	11.686	1629	1632	1635	rBV2	104195	89386	2.88%	0.150%
33	11.722	1635	1638	1643	rVB2	92058	93519	3.01%	0.157%
34	11.892	1661	1667	1669	rBV	348115	337801	10.87%	0.568%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.916	1669	1671	1677	rVV2	869466	844850	27.18%	1.420%
36	11.969	1677	1680	1682	rVV	169707	172837	5.56%	0.290%
37	12.004	1682	1686	1688	rVV2	518400	558756	17.98%	0.939%
38	12.027	1688	1690	1694	rVB	245849	211298	6.80%	0.355%
39	12.092	1699	1701	1704	rVV3	62818	58231	1.87%	0.098%
40	12.186	1714	1717	1719	rVV	251836	217483	7.00%	0.366%
41	12.210	1719	1721	1726	rVB2	178651	166006	5.34%	0.279%
42	12.333	1740	1742	1745	rVV	112823	109313	3.52%	0.184%
43	12.369	1745	1748	1750	rVV	111366	101213	3.26%	0.170%
44	12.392	1750	1752	1754	rVB	95233	72732	2.34%	0.122%
45	12.439	1754	1760	1763	rBV	288424	343711	11.06%	0.578%
46	12.480	1763	1767	1769	rVV2	177974	248746	8.00%	0.418%
47	12.527	1772	1775	1780	rVV	255640	274411	8.83%	0.461%
48	12.610	1784	1789	1792	rVV	2846588	2848430	91.65%	4.787%
49	12.645	1792	1795	1797	rVV	83374	98992	3.19%	0.166%
50	12.669	1797	1799	1801	rVV2	104094	89302	2.87%	0.150%
51	12.698	1801	1804	1807	rVV	305897	287130	9.24%	0.483%
52	12.757	1811	1814	1817	rVV	131993	177840	5.72%	0.299%
53	12.786	1817	1819	1821	rVV2	74143	72786	2.34%	0.122%
54	12.833	1821	1827	1833	rVV2	2461489	3107810	100.00%	5.223%
55	12.880	1833	1835	1840	rVB2	150258	201900	6.50%	0.339%
56	12.974	1847	1851	1858	rVB	2830465	2757290	88.72%	4.634%
57	13.045	1859	1863	1867	rBV2	220861	384183	12.36%	0.646%
58	13.104	1871	1873	1875	rBV2	55581	54708	1.76%	0.092%
59	13.139	1875	1879	1880	rBV5	179672	215282	6.93%	0.362%
60	13.157	1880	1882	1886	rVB2	375019	354740	11.41%	0.596%
61	13.204	1886	1890	1891	rBV2	66322	85621	2.76%	0.144%
62	13.227	1891	1894	1896	rBV	193158	152663	4.91%	0.257%
63	13.263	1896	1900	1903	rBV2	356105	365653	11.77%	0.615%
64	13.357	1913	1916	1918	rVB	229934	182882	5.88%	0.307%
65	13.386	1918	1921	1924	rBV	219373	197857	6.37%	0.333%
66	13.445	1928	1931	1933	rVB	140621	124407	4.00%	0.209%
67	13.545	1944	1948	1950	rBV4	103196	149339	4.81%	0.251%
68	13.668	1966	1969	1973	rVB	366658	378220	12.17%	0.636%
69	13.727	1977	1979	1982	rVB	64788	61130	1.97%	0.103%
70	13.774	1983	1987	1990	rBV2	332031	459193	14.78%	0.772%
71	13.804	1990	1992	1994	rVV	233259	188966	6.08%	0.318%

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72	13.833	1994	1997	2001	rVV2	166731	245570	7.90%	0.413%
73	13.874	2001	2004	2007	rVB	361049	293865	9.46%	0.494%
74	14.021	2023	2029	2033	rBV3	1912358	3078915	99.07%	5.175%
75	14.057	2033	2035	2038	rVV	1626916	1348064	43.38%	2.266%
76	14.115	2042	2045	2046	rBV	106097	81574	2.62%	0.137%
77	14.133	2046	2048	2051	rVB	171836	126430	4.07%	0.212%
78	14.186	2053	2057	2060	rBV3	166339	226487	7.29%	0.381%
79	14.251	2065	2068	2072	rVV2	163867	194543	6.26%	0.327%
80	14.286	2072	2074	2076	rVV	86411	67336	2.17%	0.113%
81	14.345	2082	2084	2088	rBV3	61181	104934	3.38%	0.176%
82	14.380	2088	2090	2092	rVV2	167019	172561	5.55%	0.290%
83	14.415	2092	2096	2099	rVV	520097	545908	17.57%	0.918%
84	14.451	2099	2102	2105	rVV	253635	263508	8.48%	0.443%
85	14.492	2106	2109	2114	rVV4	276089	402540	12.95%	0.677%
86	14.539	2114	2117	2119	rVV2	232865	229066	7.37%	0.385%
87	14.562	2119	2121	2124	rVB4	159917	149450	4.81%	0.251%
88	14.804	2158	2162	2165	rBV2	313251	337591	10.86%	0.567%
89	14.839	2166	2168	2172	rVB	166009	156051	5.02%	0.262%
90	15.080	2203	2209	2211	rBV	1352471	2117585	68.14%	3.559%
91	15.139	2215	2219	2223	rVV3	351694	444793	14.31%	0.748%
92	15.180	2223	2226	2229	rVB	286855	295451	9.51%	0.497%
93	15.380	2255	2260	2265	rVB	836180	1123586	36.15%	1.888%
94	15.445	2266	2271	2276	rVB	1168848	1481569	47.67%	2.490%
95	15.504	2276	2281	2285	rBV	805068	1370520	44.10%	2.303%
96	15.821	2333	2335	2339	rVV	107645	123809	3.98%	0.208%
97	15.862	2339	2342	2349	rVB	169257	236397	7.61%	0.397%
98	15.951	2354	2357	2361	rVB3	179957	242395	7.80%	0.407%
99	16.980	2526	2532	2540	rVB2	472972	918799	29.56%	1.544%
100	17.427	2602	2608	2619	rVB	346146	746473	24.02%	1.255%

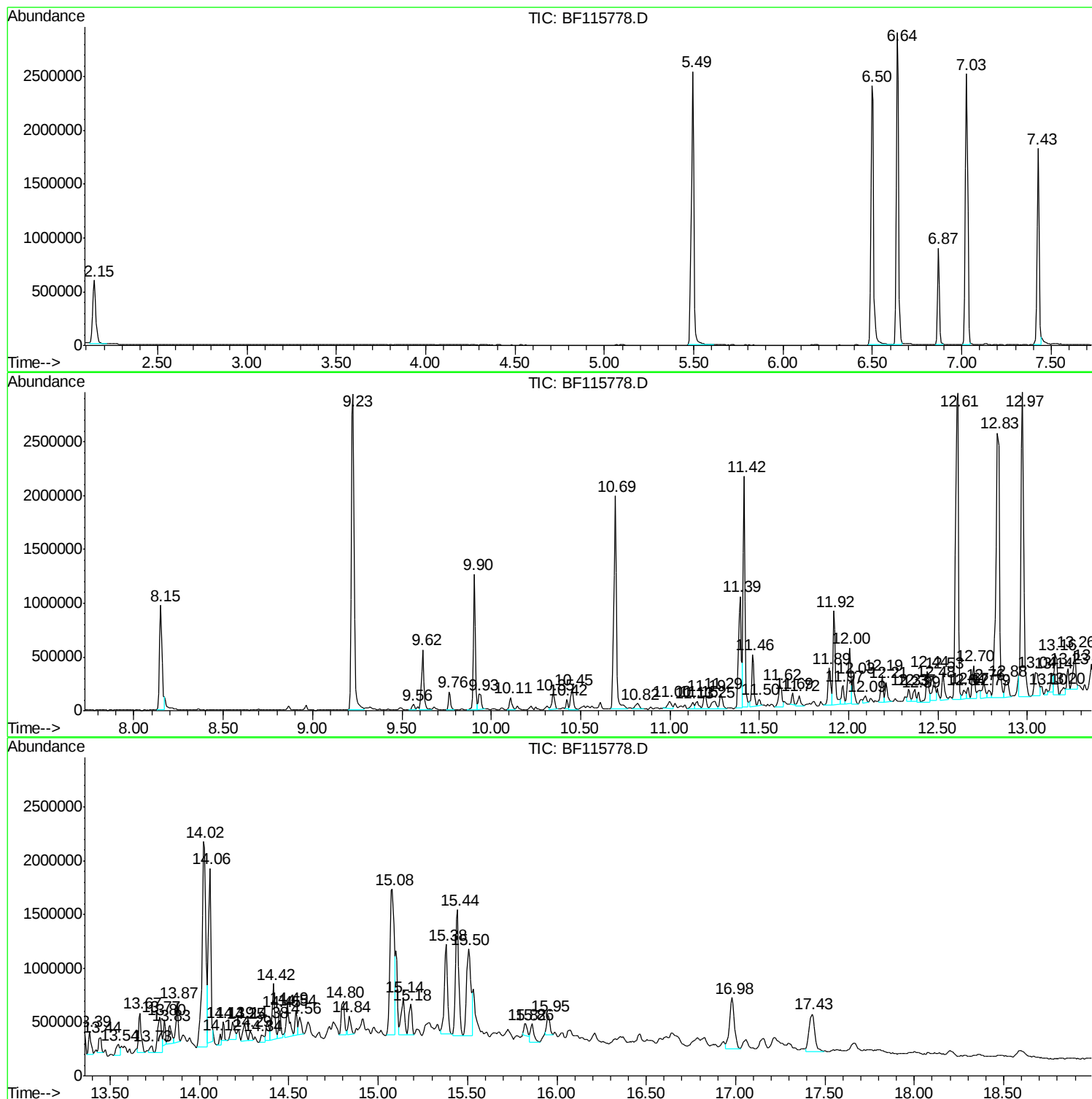
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Instrument :
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ClientSampled :
SP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.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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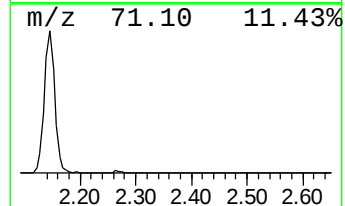
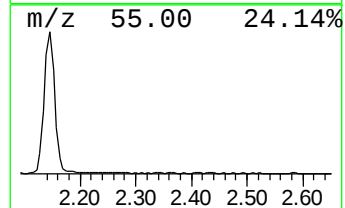
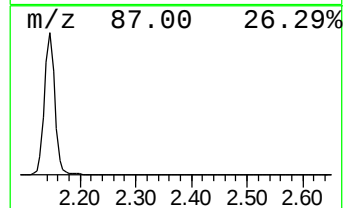
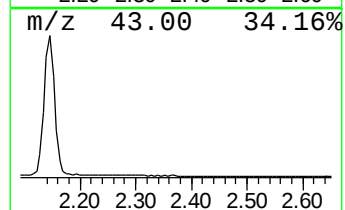
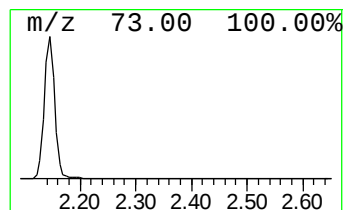
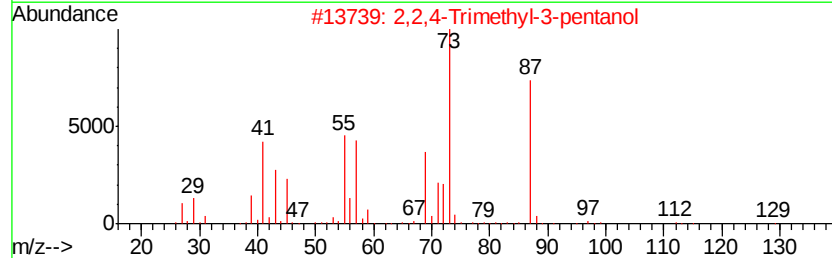
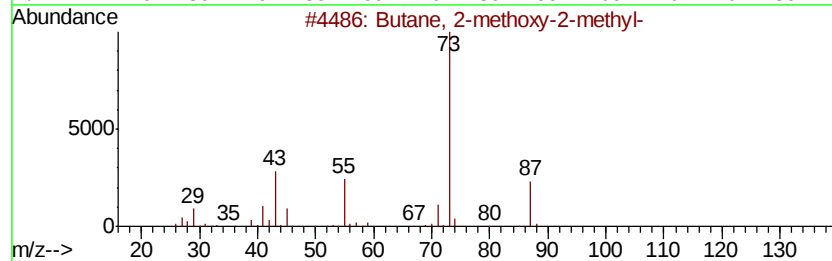
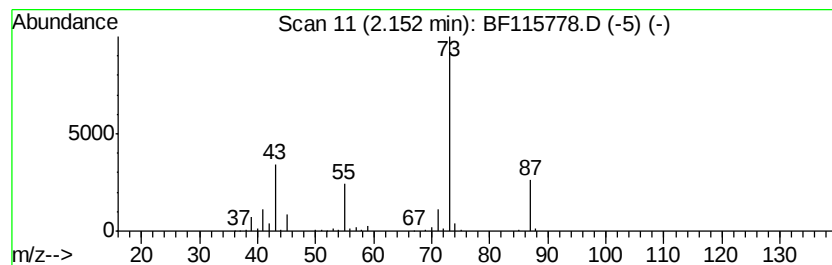
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	21.30 ng	771616	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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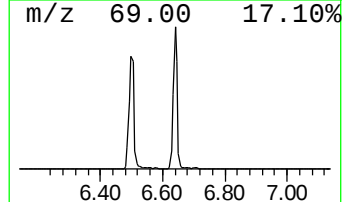
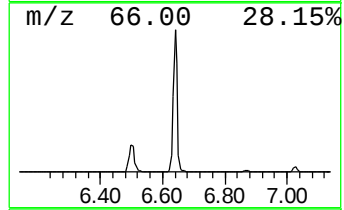
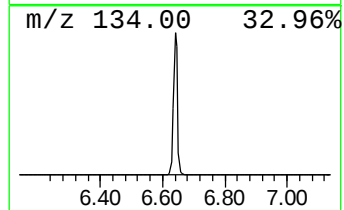
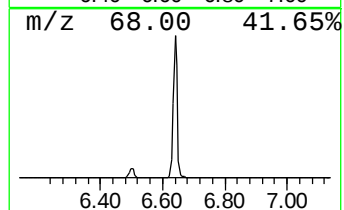
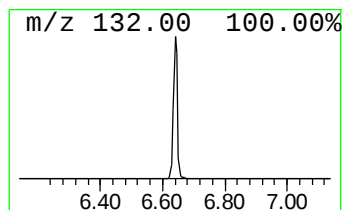
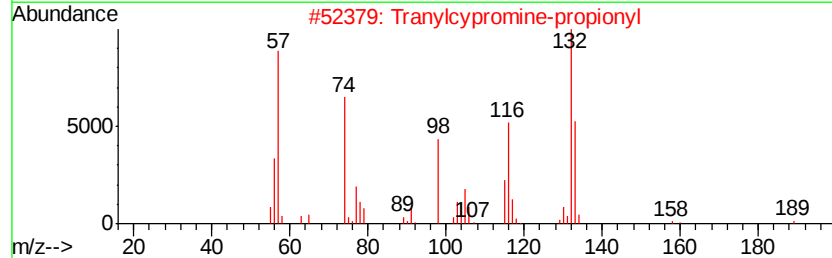
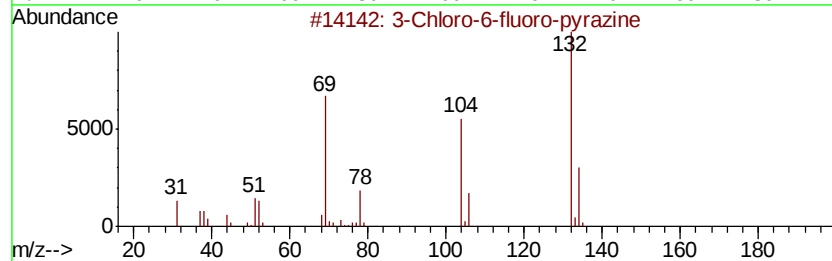
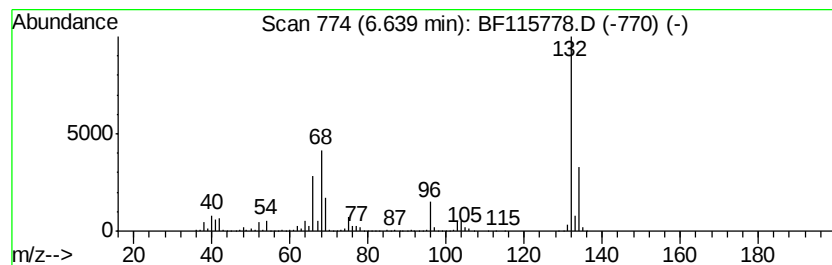
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	74.51 ng	2699090	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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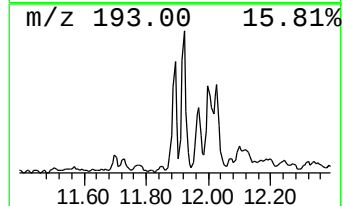
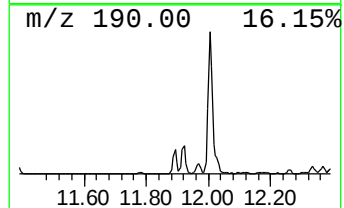
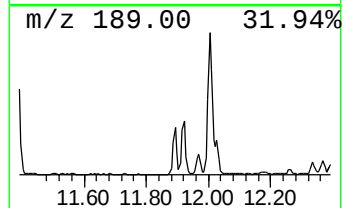
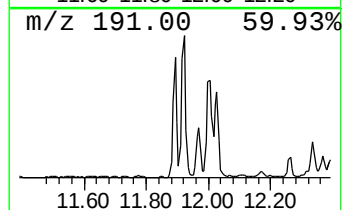
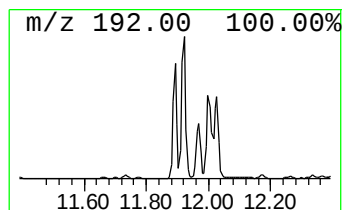
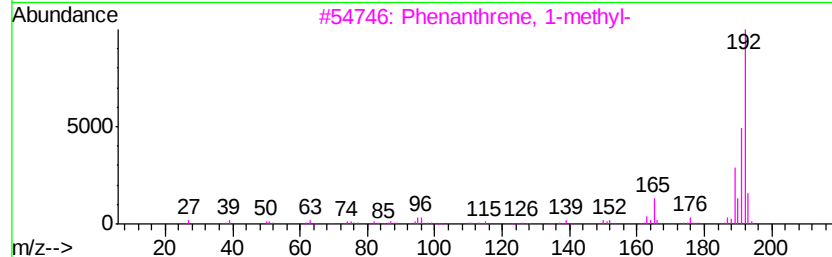
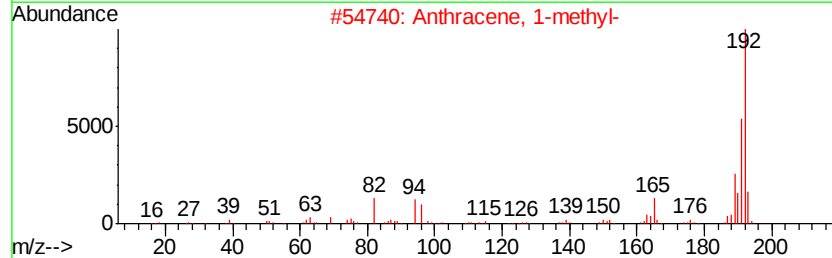
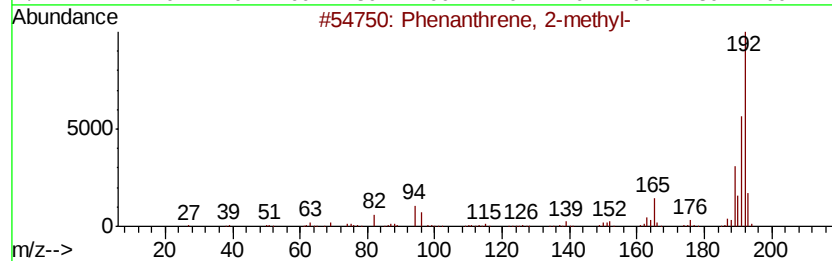
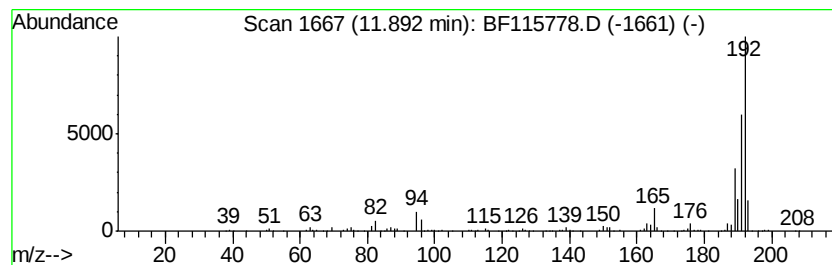
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	6.17 ng	337801	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
Acq On : 26 Jul 2019 00:26
Operator : HP/JU
Sample : K3983-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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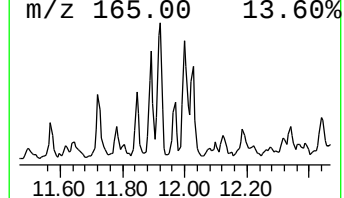
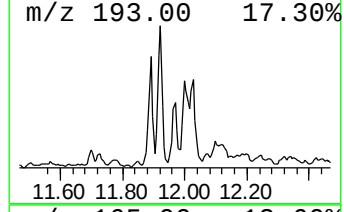
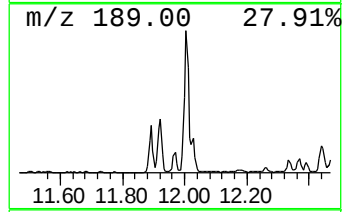
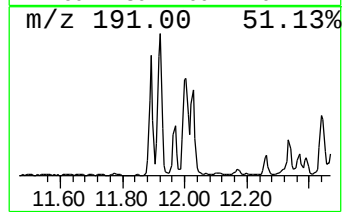
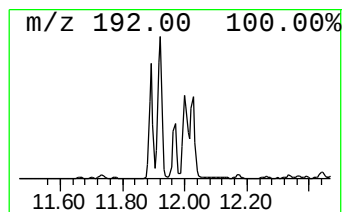
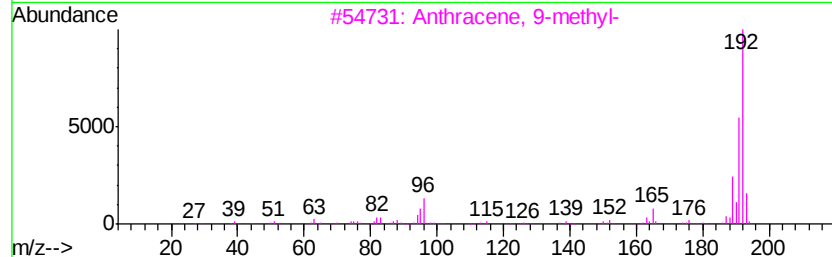
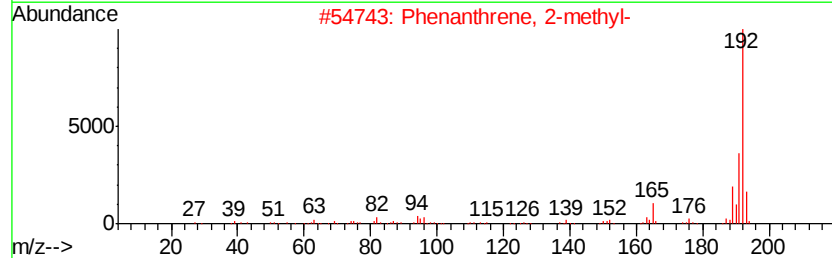
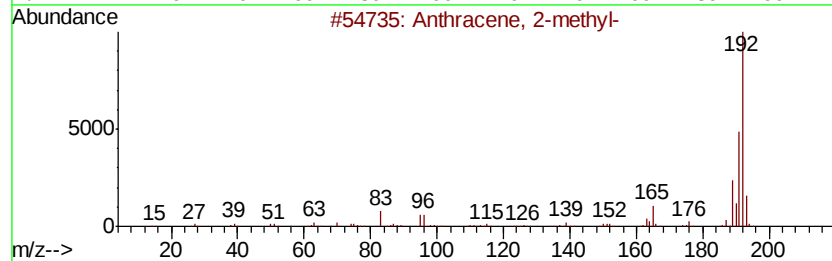
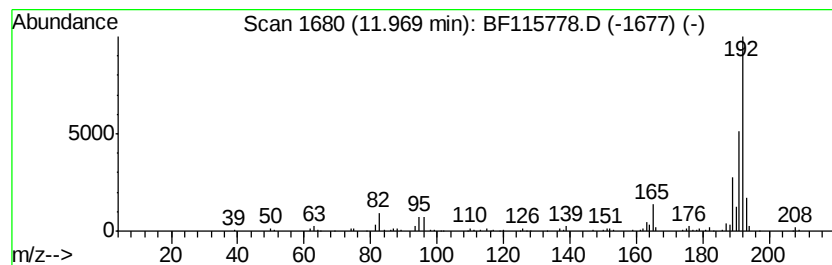
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.16 ng	172837	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
Acq On : 26 Jul 2019 00:26
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Misc :
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ClientSampleId :
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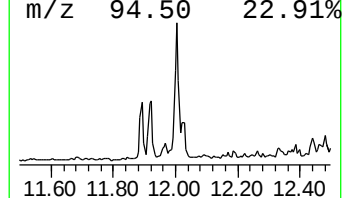
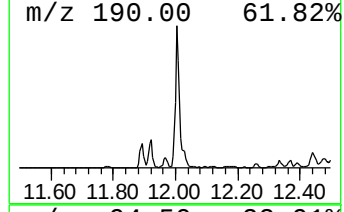
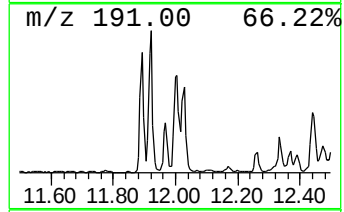
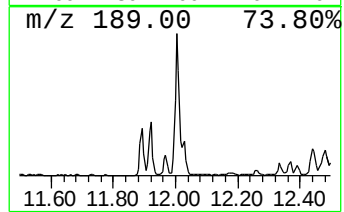
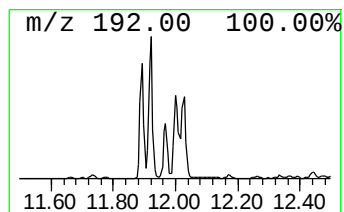
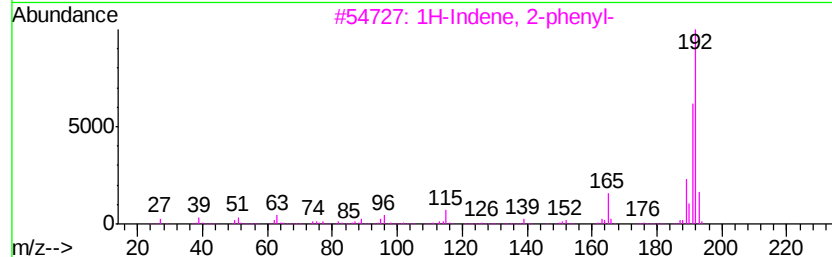
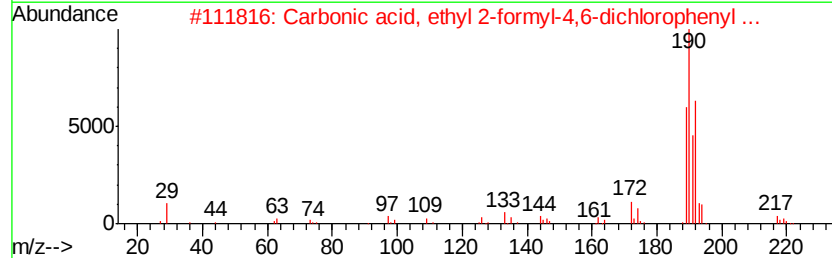
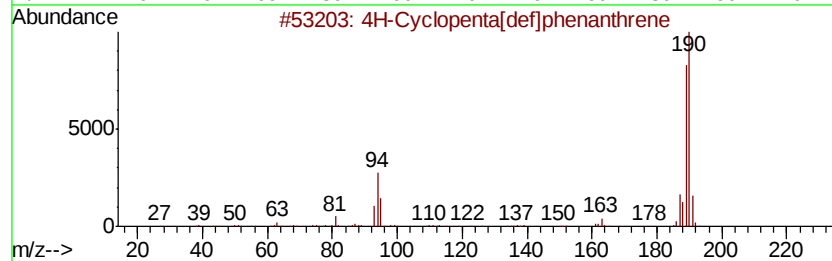
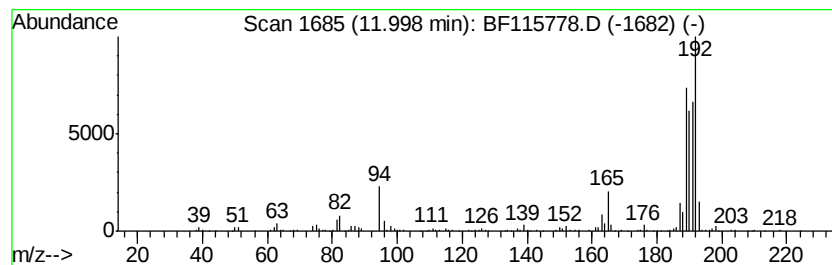
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	10.21 ng	558756	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
Acq On : 26 Jul 2019 00:26
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Sample : K3983-04
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Instrument :
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ClientSampleId :
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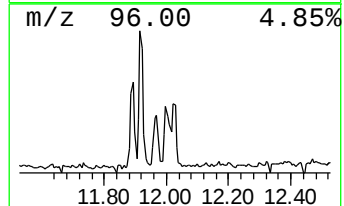
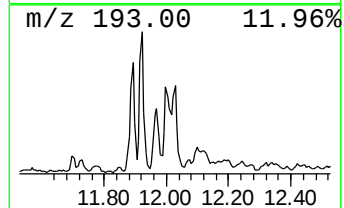
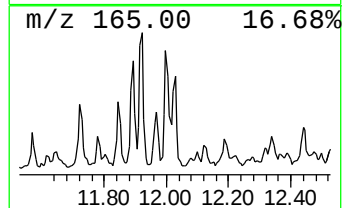
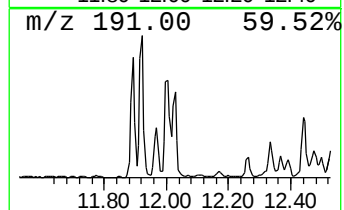
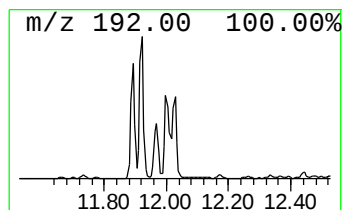
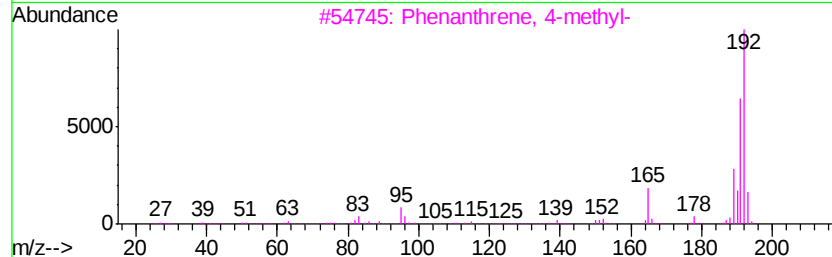
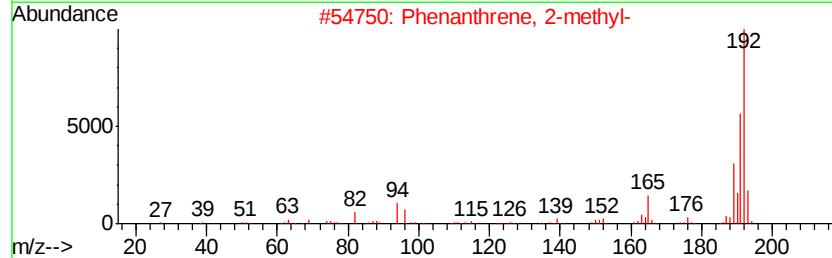
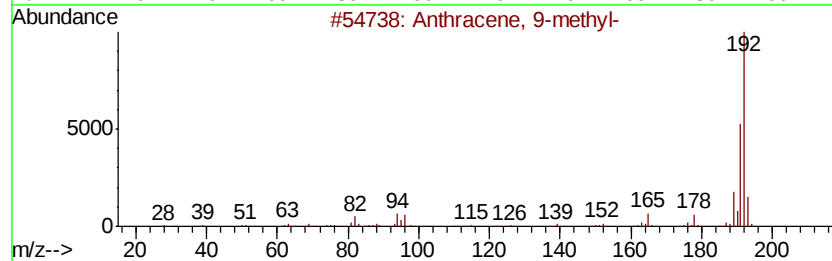
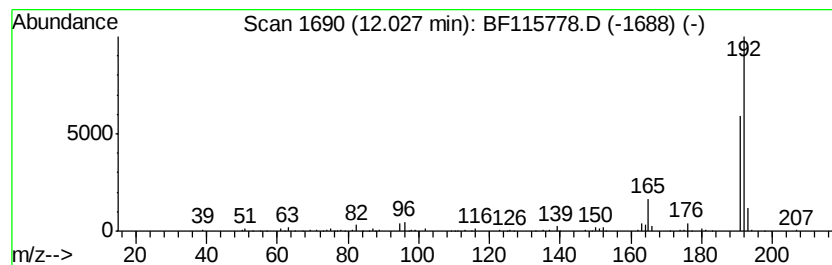
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.86 ng	211298	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
Acq On : 26 Jul 2019 00:26
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Sample : K3983-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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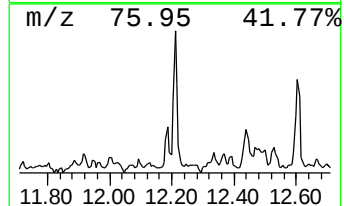
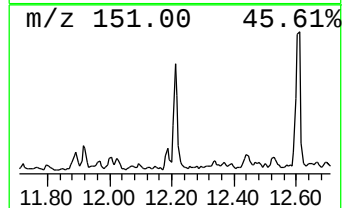
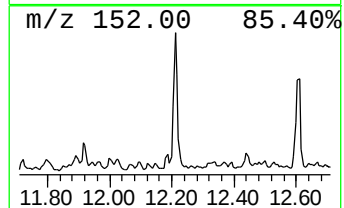
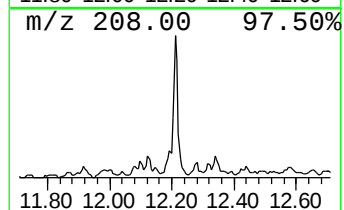
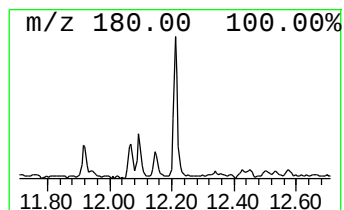
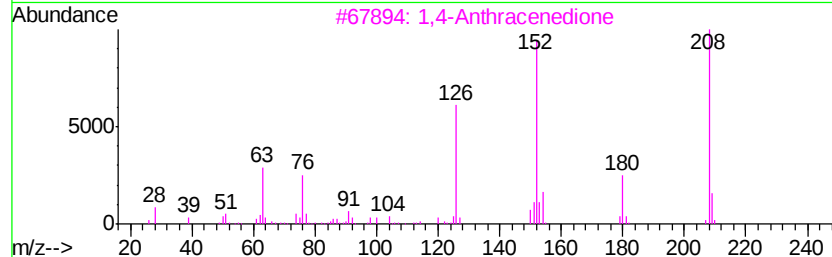
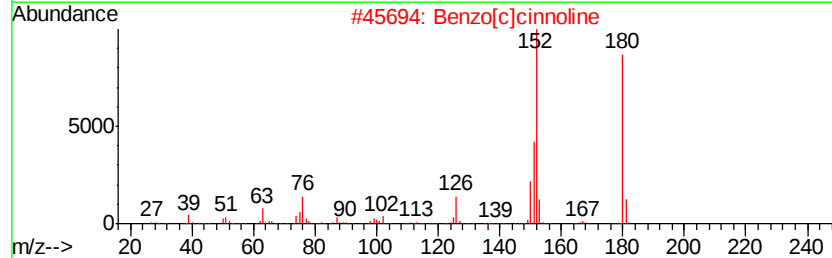
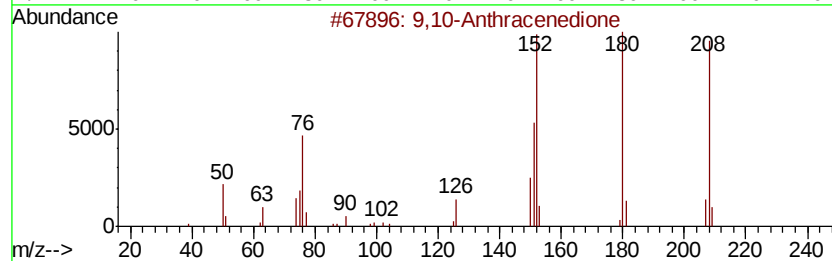
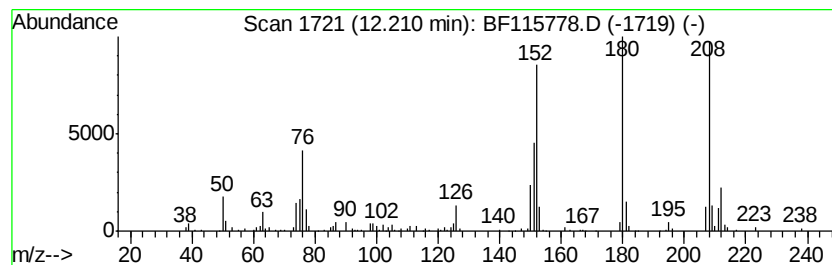
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.03 ng	166006	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
3			1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
4			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	46
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
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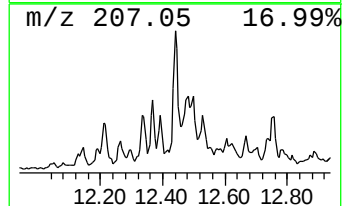
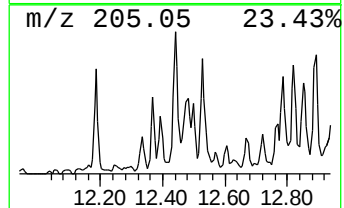
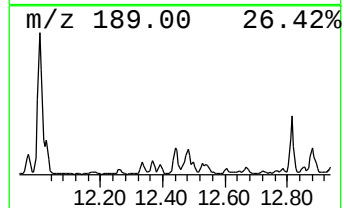
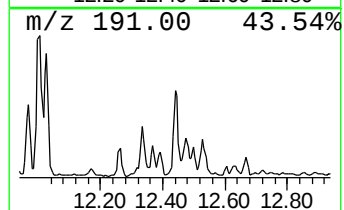
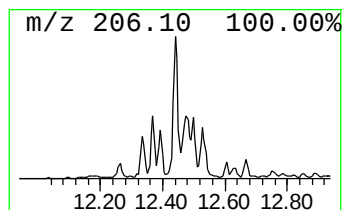
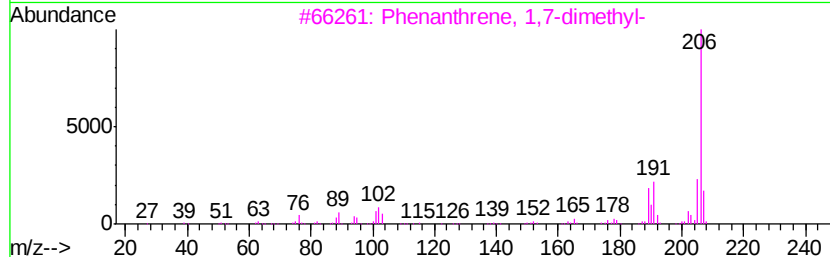
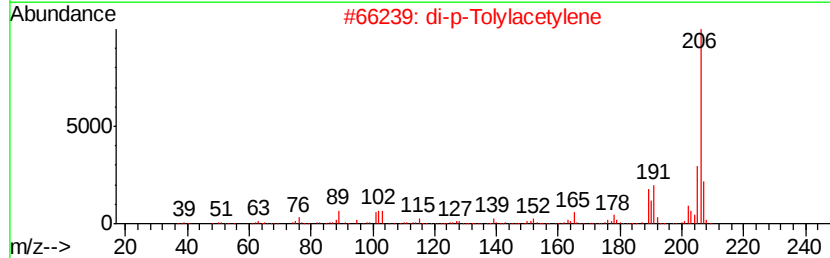
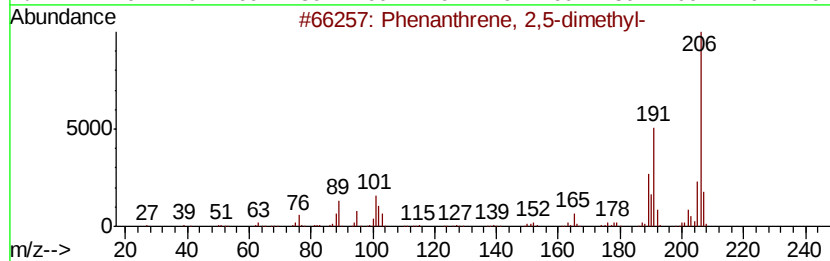
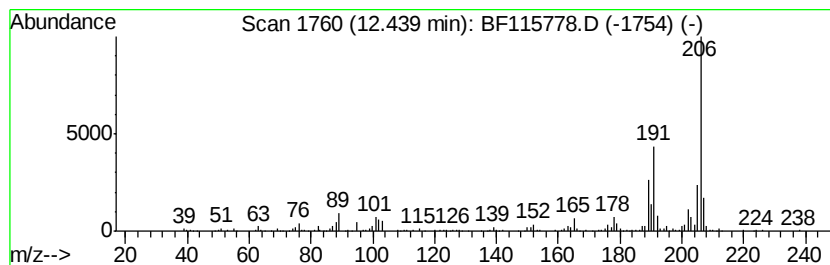
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	6.28 ng	343711	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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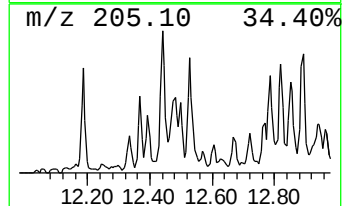
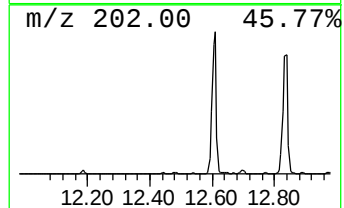
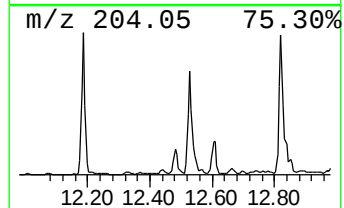
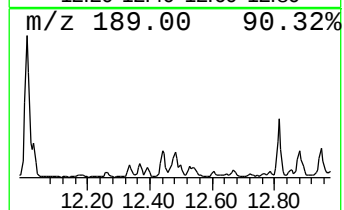
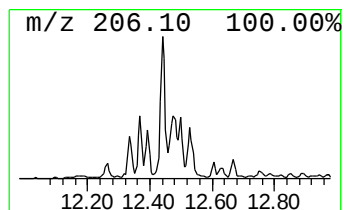
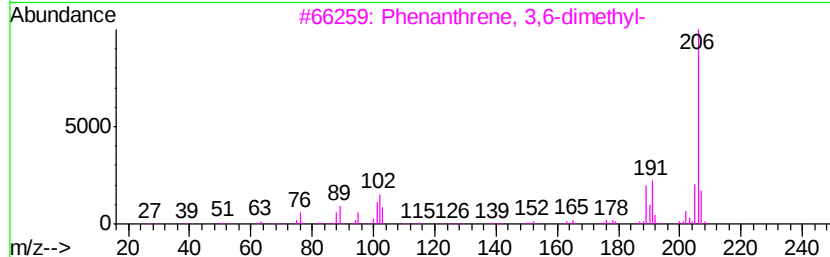
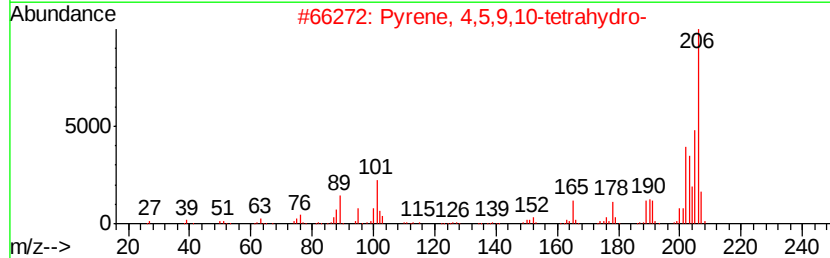
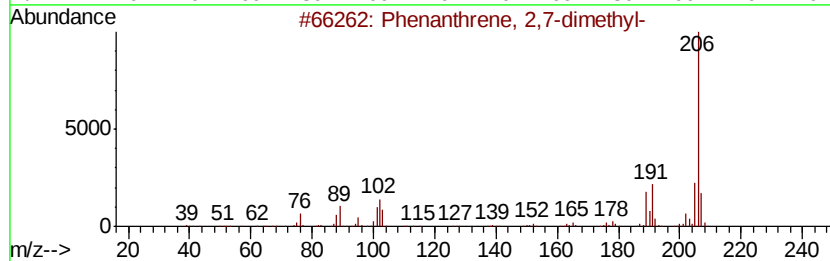
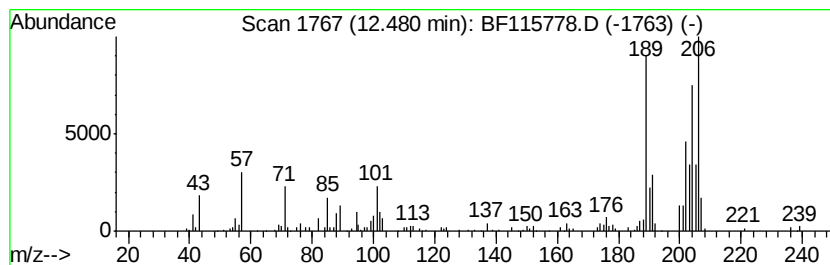
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.48 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.54 ng	248746	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
5		4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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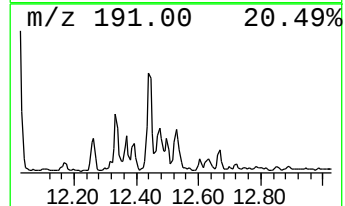
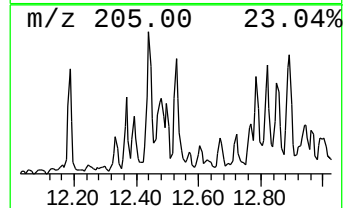
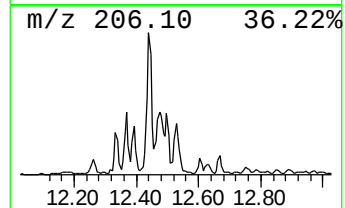
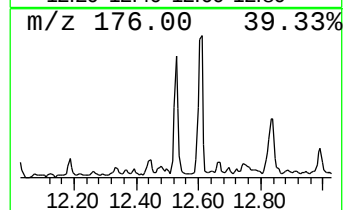
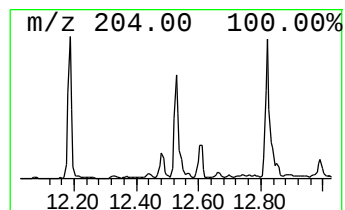
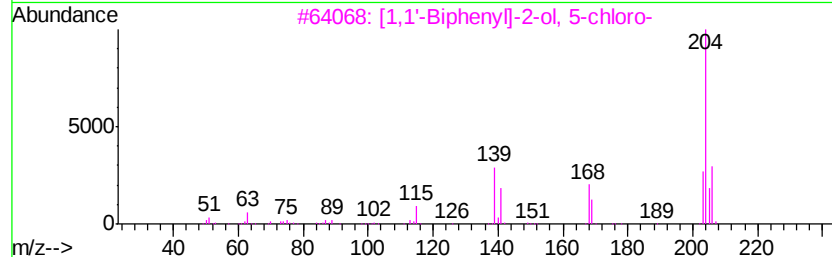
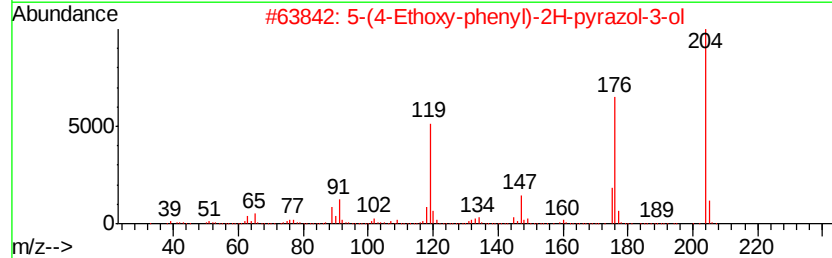
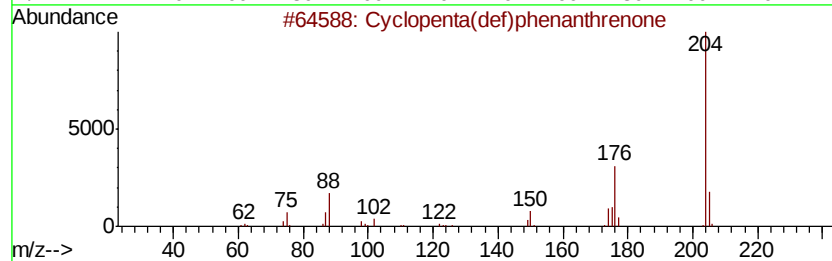
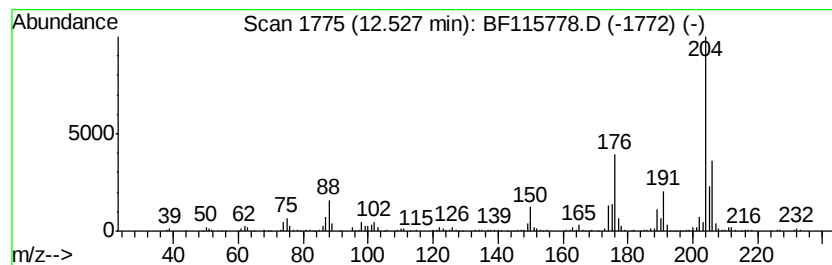
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	5.01 ng	274411	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
Acq On : 26 Jul 2019 00:26
Operator : HP/JU
Sample : K3983-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-4

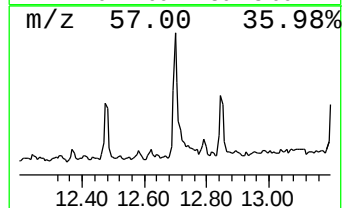
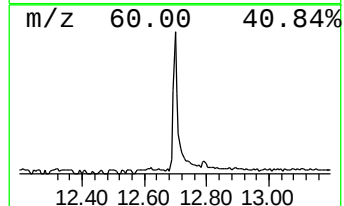
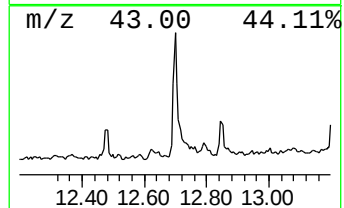
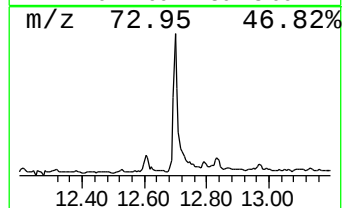
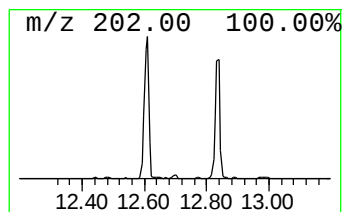
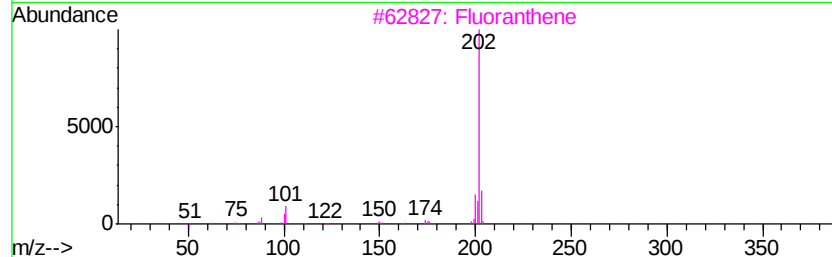
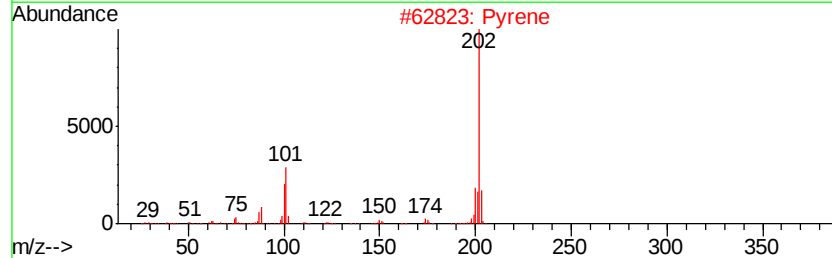
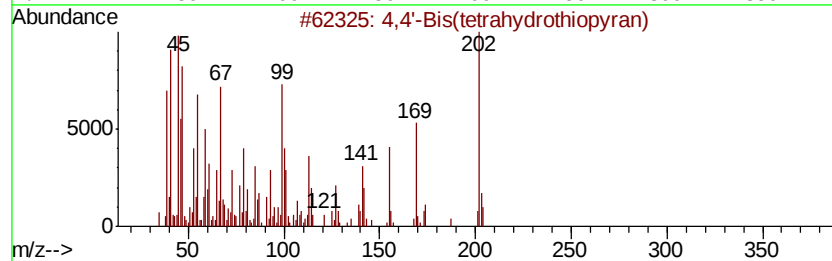
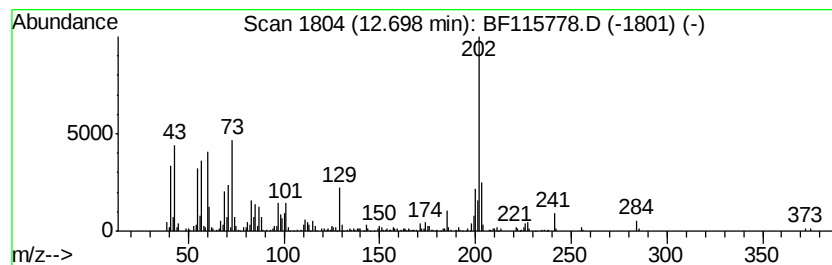
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.25 ng	287130	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	74
2		Pyrene	202	C16H10	000129-00-0	50
3		Fluoranthene	202	C16H10	000206-44-0	47
4		1H-Indole-3-propanoic acid, 1-(t...	275	C15H21N02Si	056196-72-6	37
5		3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Misc :
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ClientSampleId :
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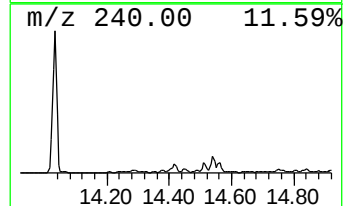
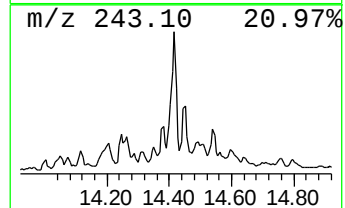
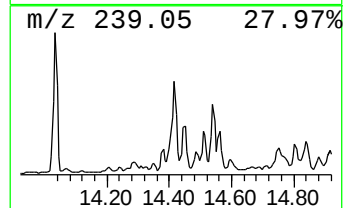
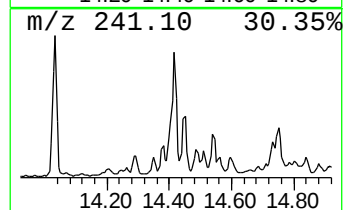
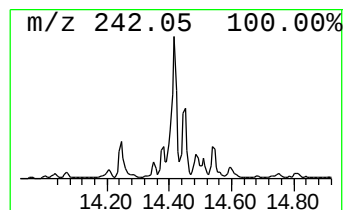
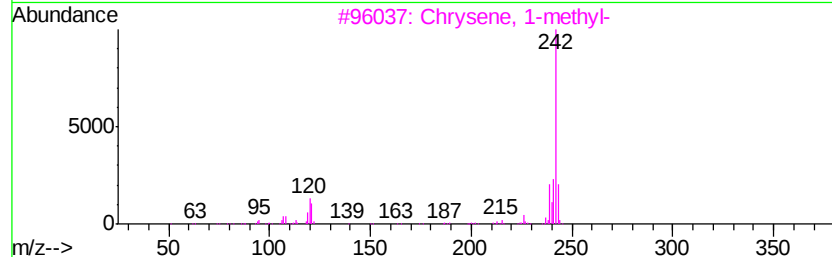
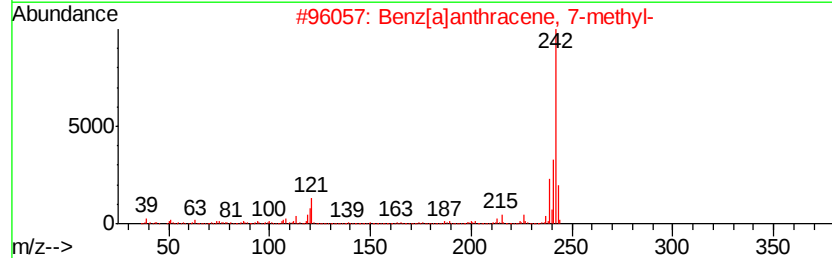
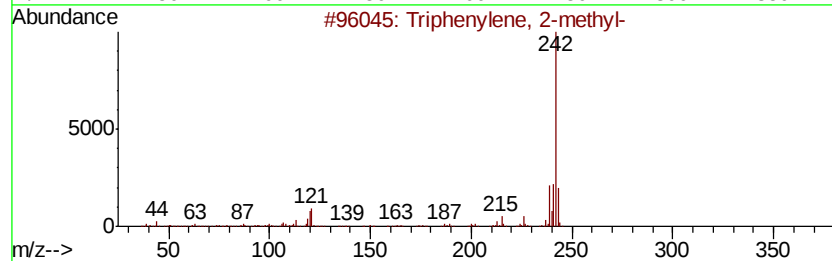
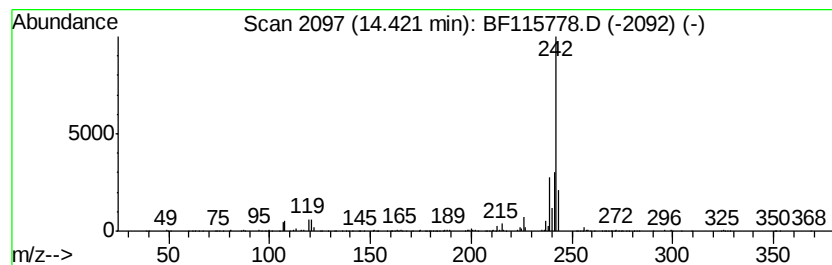
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.55 ng	545908	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2		Benz[<i>a</i>]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3		Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4		Benz[<i>a</i>]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5		Chrysene, 3-methyl-	242	C19H14	003351-31-3	90



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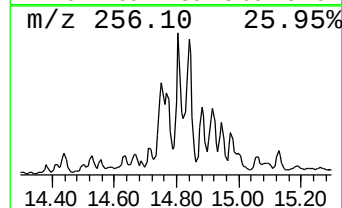
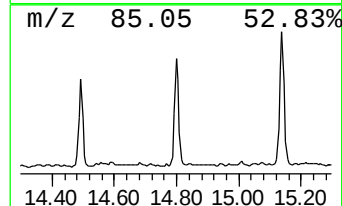
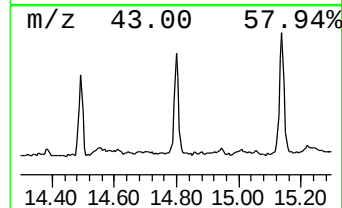
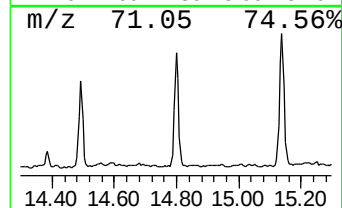
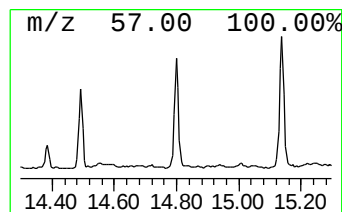
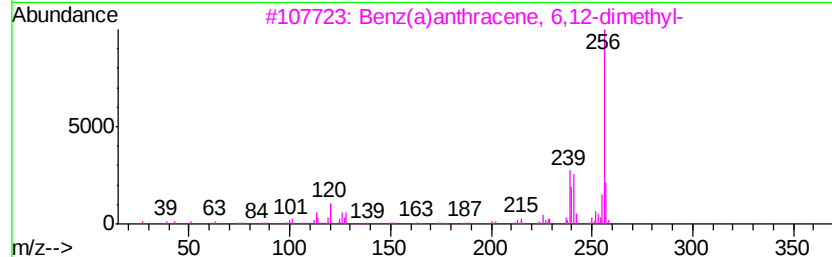
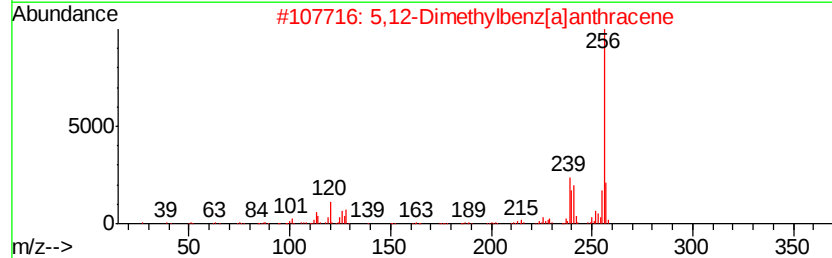
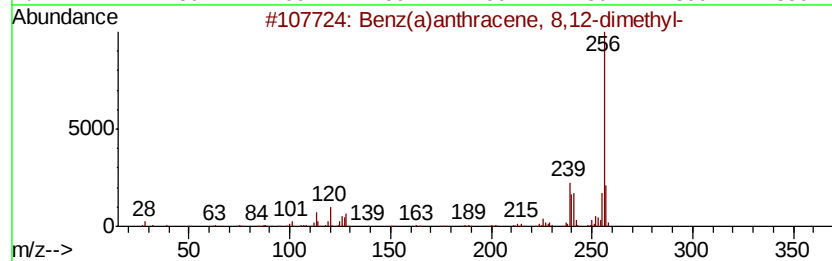
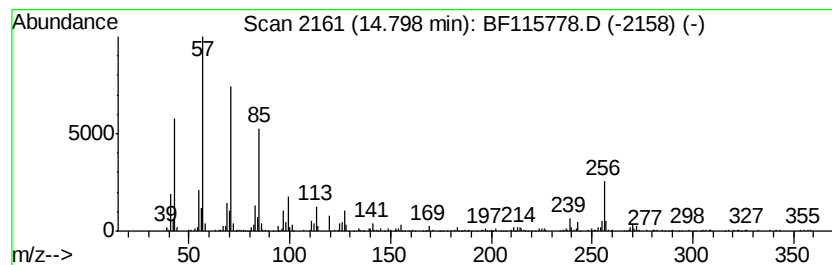
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benz(a)anthracene, 8,12-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.93 ng	337591	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	90
2		5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	78
3		Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	78
4		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	70
5		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Misc :
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ClientSampleId :
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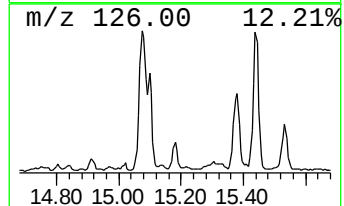
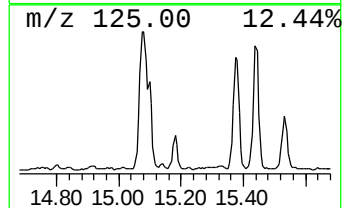
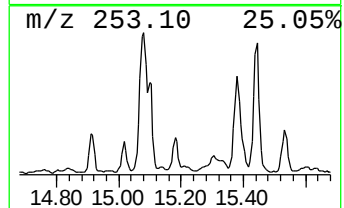
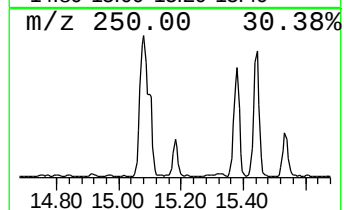
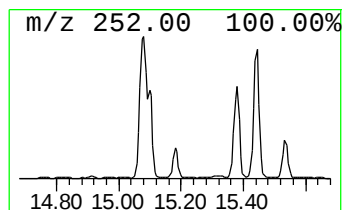
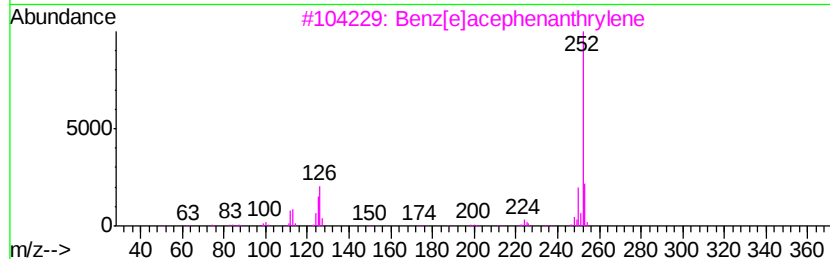
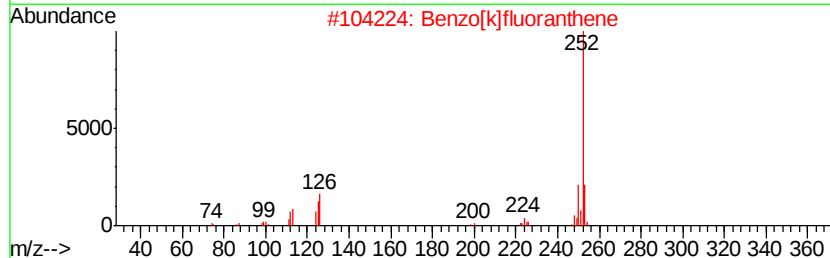
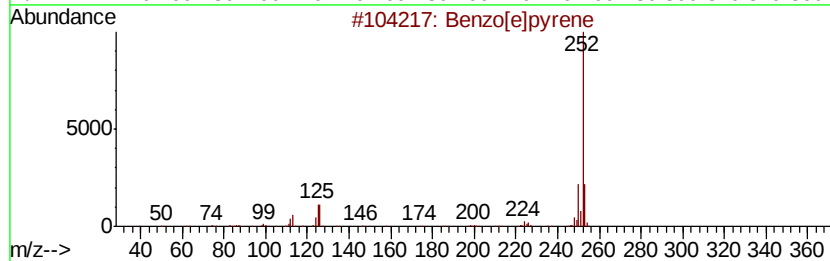
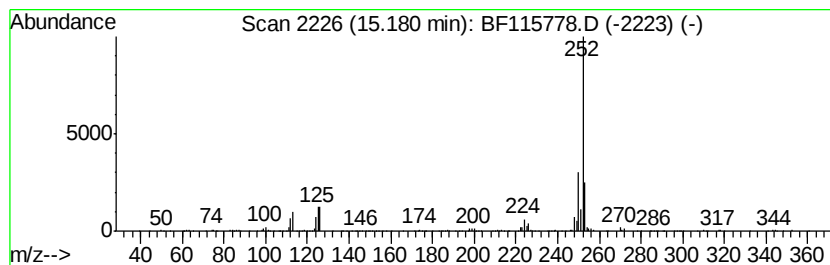
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.31 ng	295451	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Sample : K3983-04
Misc :
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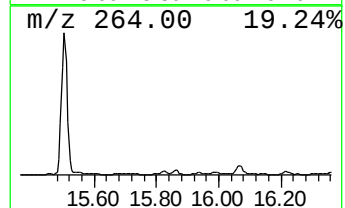
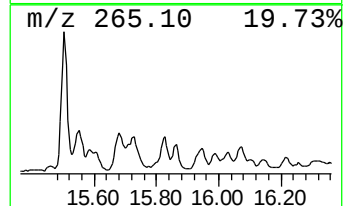
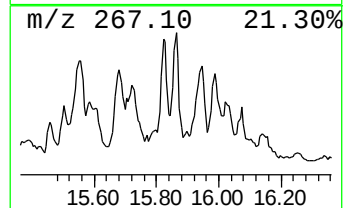
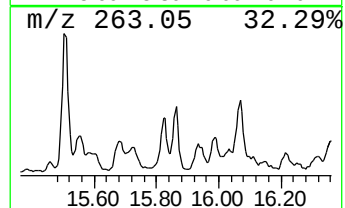
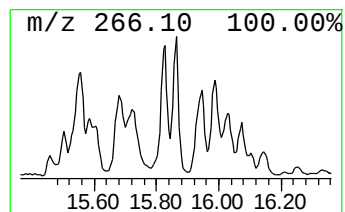
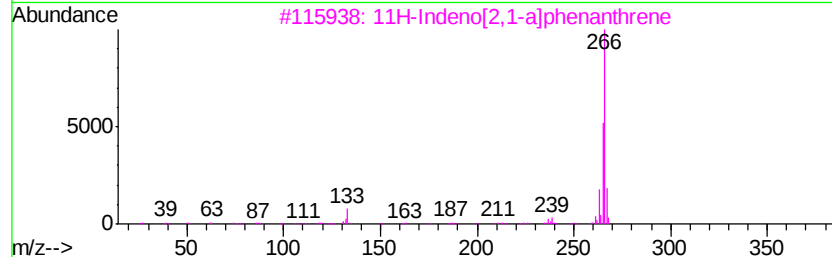
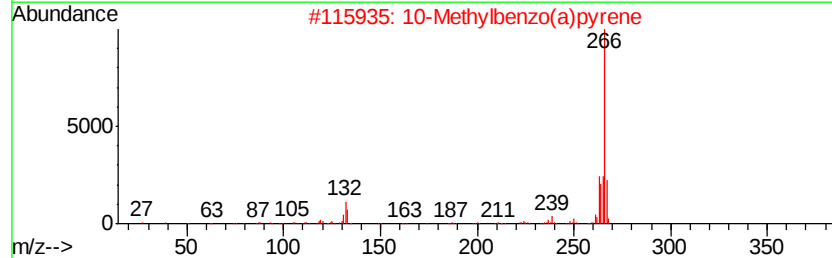
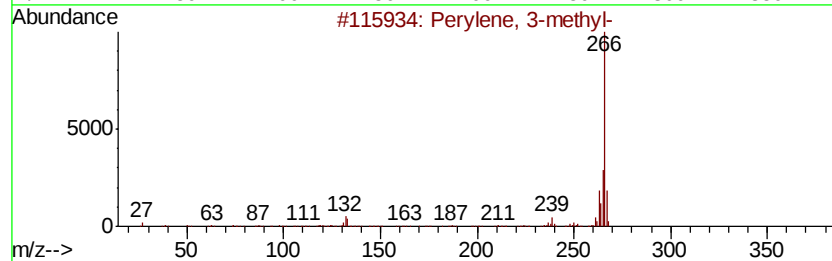
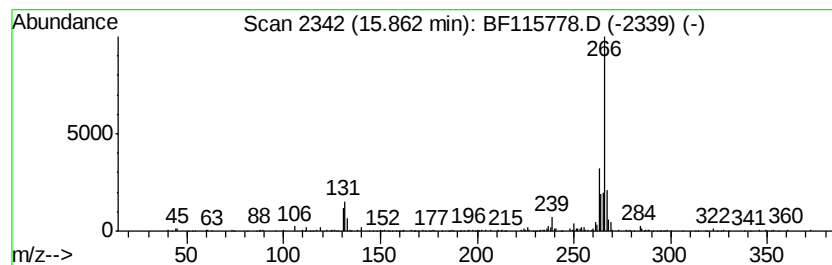
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.86	3.45 ng	236397	Perylene-d12	15.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene, 3-methyl-	266	C21H14	024471-47-4	78
2		10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	64
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	53
4		1,2,3,3a,3b,4,5,6,7,7a,9,10,11,1...	266	C20H26	095676-39-4	52
5		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	49



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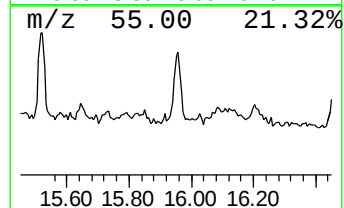
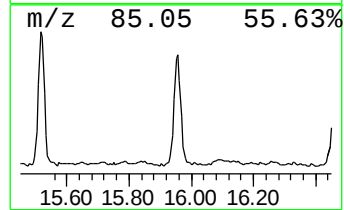
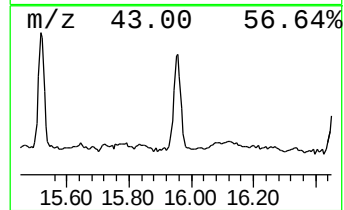
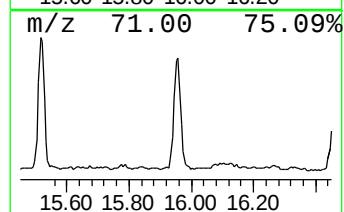
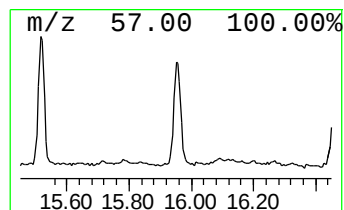
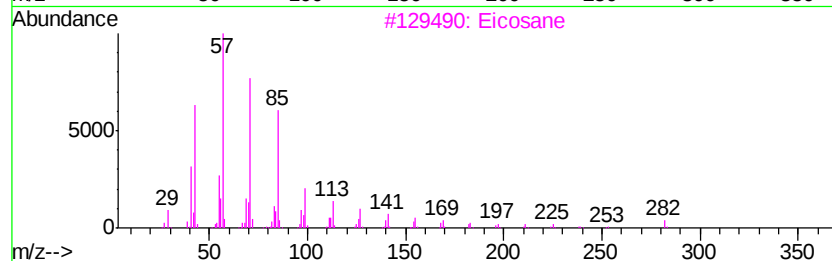
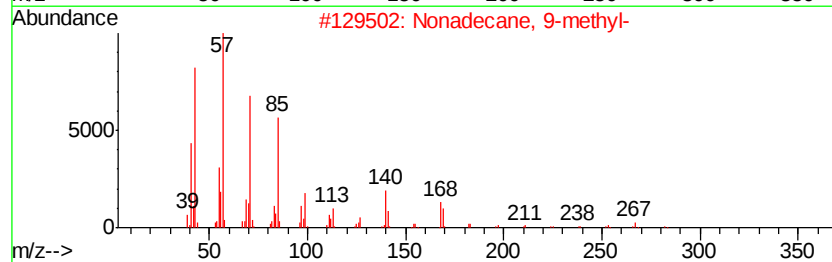
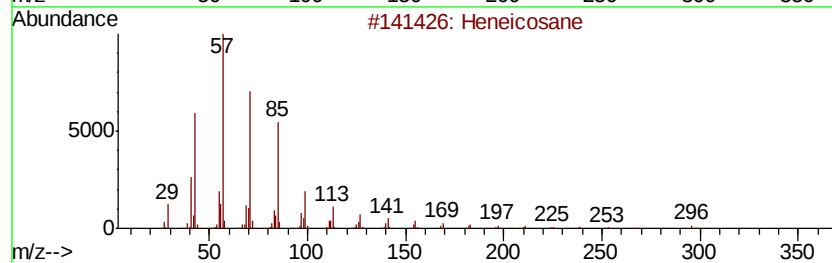
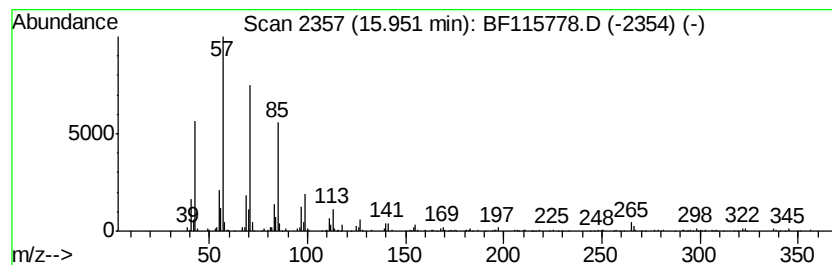
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.54 ng	242395	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3			Eicosane	282	C20H42	000112-95-8	87
4			6,6-Diethylhooctadecane	310	C22H46	1000360-41-8	86
5			Heptadecane	240	C17H36	000629-78-7	86



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 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
Butane, 2-methoxy...	2.15	21.3	ng	771616	1	6.87	724449	20.0
unknown6.64	6.64	74.5	ng	2699090	1	6.87	724449	20.0
Phenanthrene, 2-m...	11.89	6.2	ng	337801	4	11.39	1094740	20.0
Anthracene, 2-met...	11.97	3.2	ng	172837	4	11.39	1094740	20.0
4H-Cyclopenta[def...	12.00	10.2	ng	558756	4	11.39	1094740	20.0
Anthracene, 9-met...	12.03	3.9	ng	211298	4	11.39	1094740	20.0
1,2,4,8-Tetrameth...	12.19	4.0	ng	217483	4	11.39	1094740	20.0
9,10-Anthracenedione	12.21	3.0	ng	166006	4	11.39	1094740	20.0
Phenanthrene, 2,5...	12.44	6.3	ng	343711	4	11.39	1094740	20.0
unknown12.48	12.48	4.5	ng	248746	4	11.39	1094740	20.0
Cyclopenta(def)ph...	12.53	5.0	ng	274411	4	11.39	1094740	20.0
4,4'-Bis(tetrahyd...	12.70	5.3	ng	287130	4	11.39	1094740	20.0
Triphenylene, 2-m...	14.42	3.5	ng	545908	5	14.03	3078920	20.0
Benz(a)anthracene...	14.80	4.9	ng	337591	6	15.50	1370520	20.0
Benzo[e]pyrene	15.18	4.3	ng	295451	6	15.50	1370520	20.0
Perylene, 3-methyl-	15.86	3.5	ng	236397	6	15.50	1370520	20.0
Heneicosane	15.95	3.5	ng	242395	6	15.50	1370520	20.0