

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113756.D
 Acq On : 12 Apr 2019 23:51
 Operator : JU/SJ
 Sample : K2376-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

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-BF040319.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	4.869	470	473	481	rBV	15255	25619	1.22%	0.079%
2	5.287	541	544	576	rBV	1387545	1910958	90.80%	5.907%
3	6.328	717	721	738	rBV	1569911	2028672	96.39%	6.271%
4	6.445	738	741	748	rVV	2099757	2071743	98.44%	6.404%
5	6.510	751	752	757	rVB	51235	40180	1.91%	0.124%
6	6.669	776	779	788	rBV	578418	608832	28.93%	1.882%
7	6.751	788	793	797	rVV	63731	60253	2.86%	0.186%
8	6.792	797	800	802	rVV	48087	43651	2.07%	0.135%
9	6.828	802	806	821	rVB	1788069	1620498	77.00%	5.009%
10	7.239	873	876	904	rBV	1144397	1349668	64.13%	4.172%
11	7.698	948	954	962	rBV6	12624	24057	1.14%	0.074%
12	7.957	992	998	1017	rVB	672638	877611	41.70%	2.713%
13	8.251	1043	1048	1055	rVB3	22238	41600	1.98%	0.129%
14	8.551	1096	1099	1102	rBV	48444	38390	1.82%	0.119%
15	8.675	1116	1120	1126	rVB2	36154	39472	1.88%	0.122%
16	9.028	1176	1180	1192	rBV	2413200	2104541	100.00%	6.505%
17	9.116	1192	1195	1197	rBV	36998	30872	1.47%	0.095%
18	9.304	1223	1227	1230	rBV	19185	27590	1.31%	0.085%
19	9.369	1234	1238	1240	rBV	28598	29127	1.38%	0.090%
20	9.428	1245	1248	1256	rVB	149576	160074	7.61%	0.495%
21	9.569	1269	1272	1276	rBV	82412	77416	3.68%	0.239%
22	9.639	1281	1284	1289	rVB	41723	34662	1.65%	0.107%
23	9.704	1291	1295	1299	rVV	803089	777622	36.95%	2.404%
24	9.733	1299	1300	1310	rVB2	42523	46484	2.21%	0.144%
25	9.916	1326	1331	1334	rBV2	27805	37383	1.78%	0.116%
26	9.951	1334	1337	1341	rVB3	21252	25854	1.23%	0.080%
27	10.022	1346	1349	1352	rBV	26918	28194	1.34%	0.087%
28	10.057	1352	1355	1360	rVB2	18587	23724	1.13%	0.073%
29	10.110	1360	1364	1366	rBV5	20569	24055	1.14%	0.074%
30	10.139	1366	1369	1371	rVB2	43734	37557	1.78%	0.116%
31	10.257	1385	1389	1394	rVB3	27100	43537	2.07%	0.135%
32	10.410	1411	1415	1418	rVB3	20830	25466	1.21%	0.079%
33	10.492	1426	1429	1441	rBV	1156436	1202711	57.15%	3.718%
34	10.610	1446	1449	1457	rBV4	62371	95806	4.55%	0.296%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.745	1469	1472	1477	rVB2	69341	65191	3.10%	0.202%
36	10.804	1477	1482	1484	rBV3	22549	34749	1.65%	0.107%
37	10.992	1511	1514	1520	rBV3	114377	162051	7.70%	0.501%
38	11.051	1520	1524	1527	rVV3	50133	82855	3.94%	0.256%
39	11.086	1527	1530	1534	rVB	53630	61007	2.90%	0.189%
40	11.186	1543	1547	1549	rBV	764321	724377	34.42%	2.239%
41	11.210	1549	1551	1555	rVV	491390	438419	20.83%	1.355%
42	11.263	1558	1560	1564	rVB	102963	99773	4.74%	0.308%
43	11.433	1585	1589	1593	rBV2	52255	77101	3.66%	0.238%
44	11.480	1594	1597	1599	rVB	51351	48664	2.31%	0.150%
45	11.598	1615	1617	1620	rBV2	22361	23762	1.13%	0.073%
46	11.686	1629	1632	1635	rBV	149195	129063	6.13%	0.399%
47	11.722	1635	1638	1643	rVV2	305190	364029	17.30%	1.125%
48	11.769	1643	1646	1648	rVV	66042	74422	3.54%	0.230%
49	11.798	1648	1651	1653	rVV	192651	202006	9.60%	0.624%
50	11.822	1653	1655	1661	rVB	113320	105941	5.03%	0.327%
51	11.886	1663	1666	1668	rBV2	59226	51793	2.46%	0.160%
52	11.980	1679	1682	1684	rBV	85248	77129	3.66%	0.238%
53	12.027	1687	1690	1693	rVB2	51795	55384	2.63%	0.171%
54	12.127	1705	1707	1709	rVB	44750	31023	1.47%	0.096%
55	12.163	1710	1713	1715	rBV	80050	57866	2.75%	0.179%
56	12.186	1715	1717	1720	rVB	55840	48201	2.29%	0.149%
57	12.233	1722	1725	1728	rBV	220068	219918	10.45%	0.680%
58	12.274	1728	1732	1734	rVV	115485	120069	5.71%	0.371%
59	12.333	1737	1742	1745	rBV2	74725	114145	5.42%	0.353%
60	12.398	1749	1753	1757	rBV	1138995	1086683	51.64%	3.359%
61	12.504	1768	1771	1776	rVB3	79146	102997	4.89%	0.318%
62	12.545	1776	1778	1781	rBV2	87566	89892	4.27%	0.278%
63	12.621	1786	1791	1798	rBV	1176559	1378475	65.50%	4.261%
64	12.686	1798	1802	1806	rBV2	113493	133098	6.32%	0.411%
65	12.763	1811	1815	1819	rBV	1852112	1676262	79.65%	5.181%
66	12.845	1825	1829	1833	rBV4	129426	227058	10.79%	0.702%
67	12.933	1841	1844	1845	rBV2	125073	130028	6.18%	0.402%
68	12.998	1853	1855	1857	rBV2	107266	97155	4.62%	0.300%
69	13.057	1863	1865	1869	rVB2	203312	195461	9.29%	0.604%
70	13.151	1878	1881	1883	rBV	158999	152600	7.25%	0.472%
71	13.180	1884	1886	1889	rVB	119306	117049	5.56%	0.362%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	13.468	1933	1935	1938	rVB	113310	111548	5.30%	0.345%
73	13.574	1951	1953	1955	rBV2	115364	119900	5.70%	0.371%
74	13.627	1959	1962	1967	rBV3	112389	191872	9.12%	0.593%
75	13.821	1990	1995	1998	rBV2	1136422	1714627	81.47%	5.300%
76	13.851	1998	2000	2003	rVB	705107	593779	28.21%	1.835%
77	13.980	2020	2022	2031	rBV5	145175	223388	10.61%	0.691%
78	14.210	2059	2061	2065	rVB	246486	211758	10.06%	0.655%
79	14.286	2071	2074	2076	rBV2	176991	172601	8.20%	0.534%
80	14.839	2164	2168	2174	rBV	747957	1244056	59.11%	3.845%
81	14.939	2183	2185	2189	rBV	168445	171143	8.13%	0.529%
82	15.121	2212	2216	2220	rBV	472102	550843	26.17%	1.703%
83	15.180	2222	2226	2231	rVB	619670	754096	35.83%	2.331%
84	15.233	2231	2235	2238	rBV	619584	723618	34.38%	2.237%
85	16.598	2463	2467	2475	rVB	331982	632137	30.04%	1.954%
86	17.009	2532	2537	2546	rVB	227534	466527	22.17%	1.442%

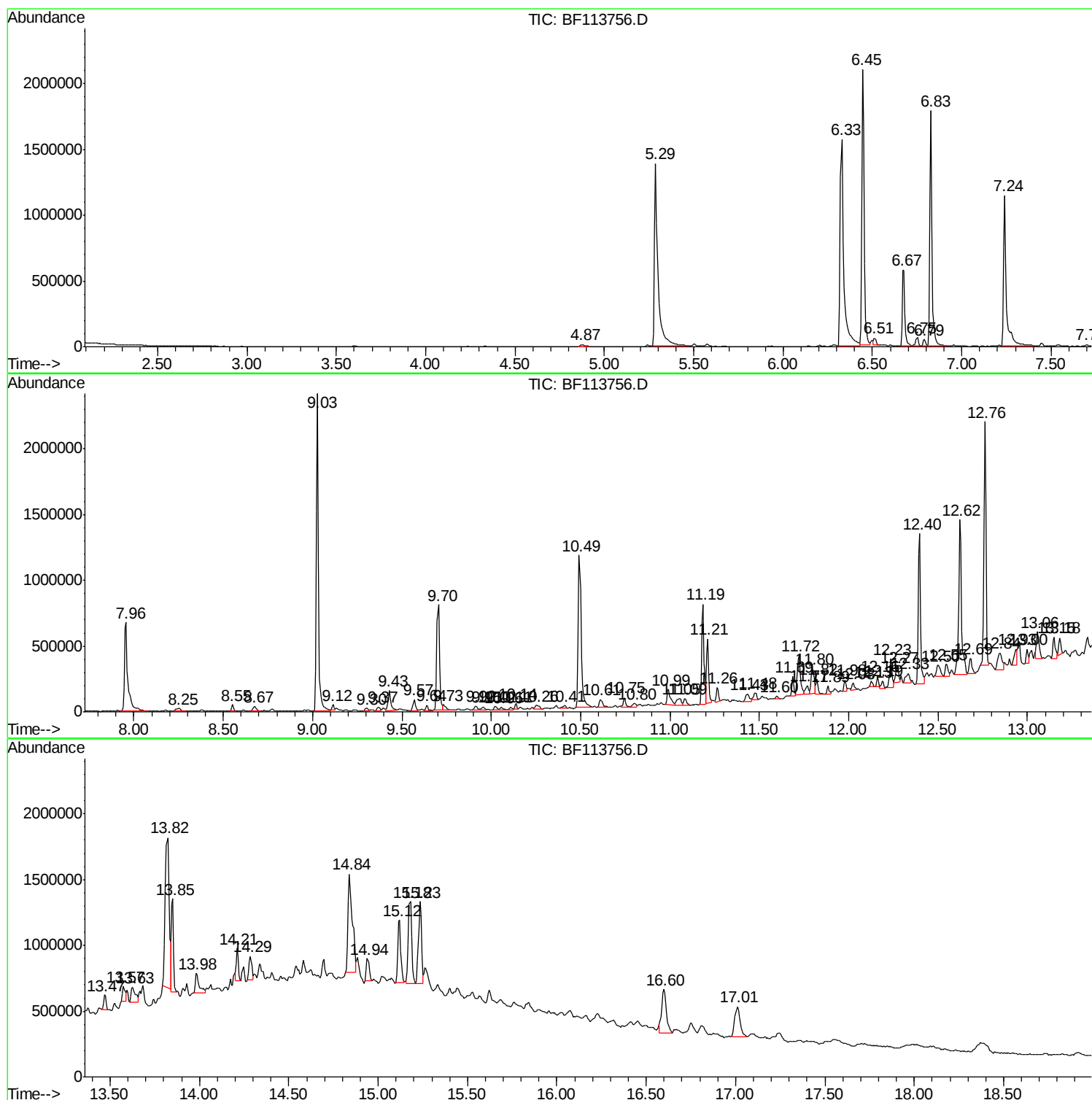
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Instrument :
BNA_F
ClientSampled :
TP-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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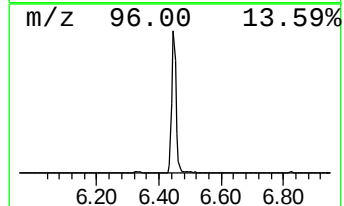
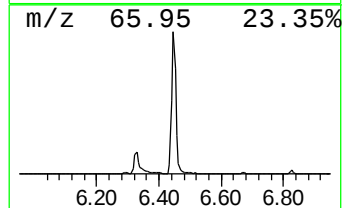
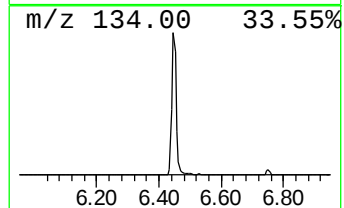
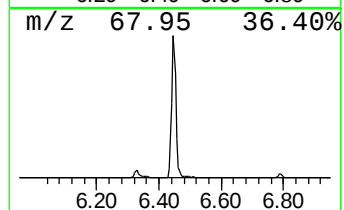
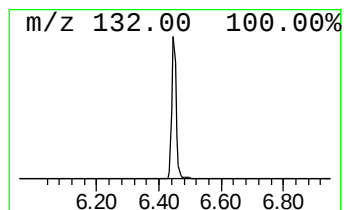
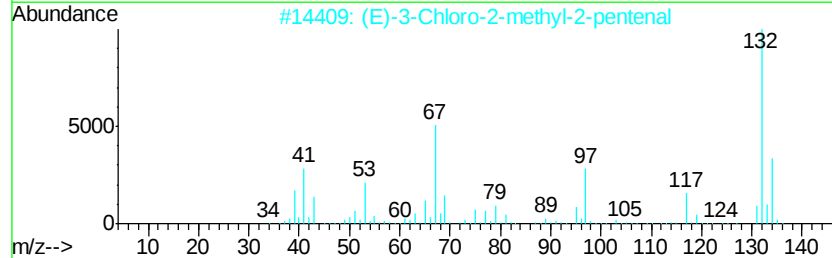
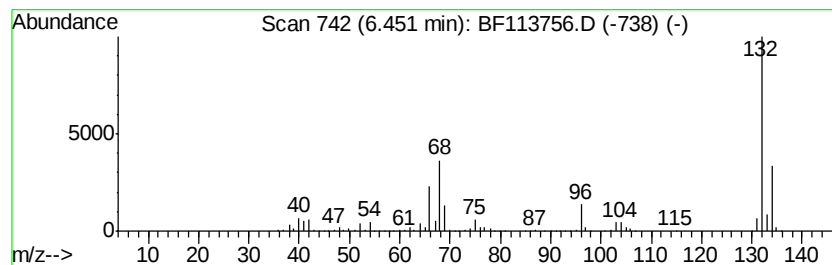
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	68.06 ng	2071740	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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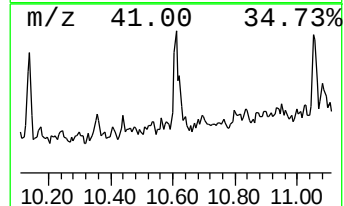
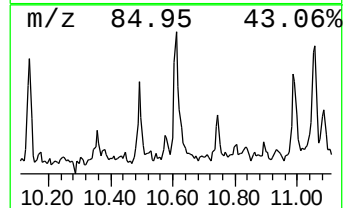
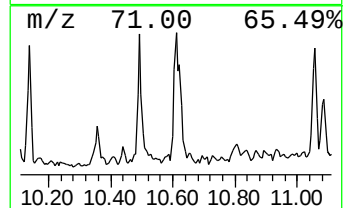
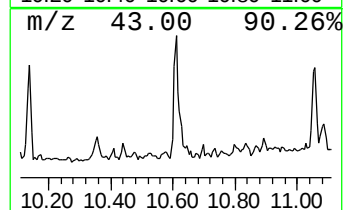
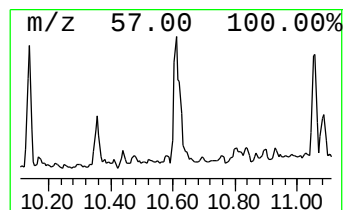
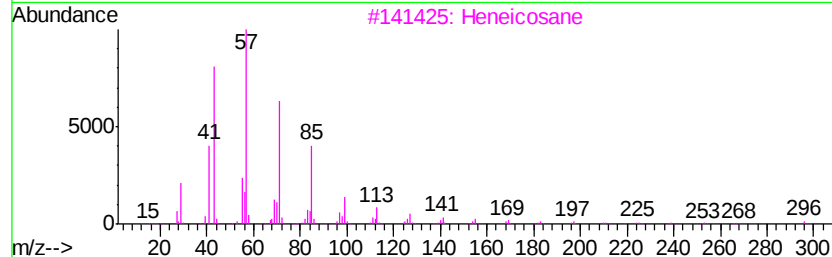
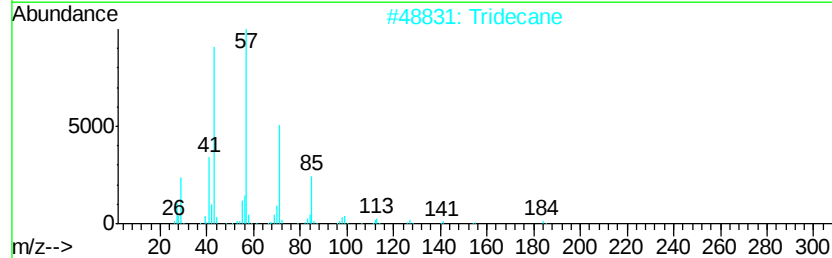
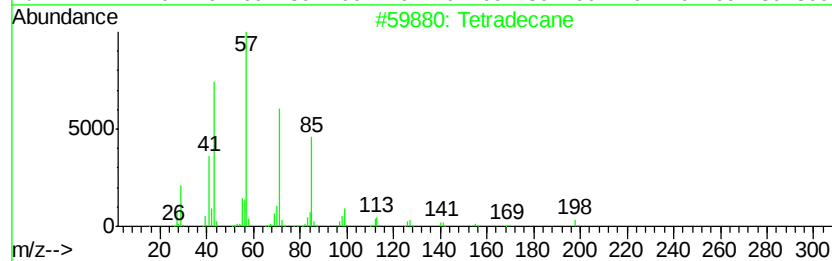
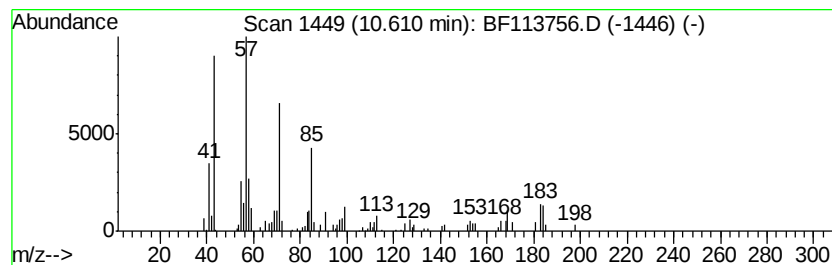
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.65 ng	95806	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane	184	C13H28	000629-50-5	86
3		Heneicosane	296	C21H44	000629-94-7	62
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	58



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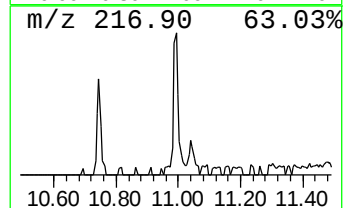
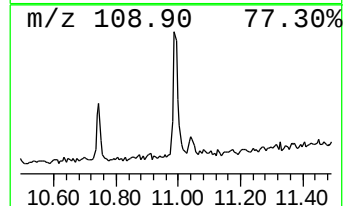
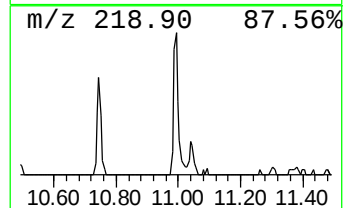
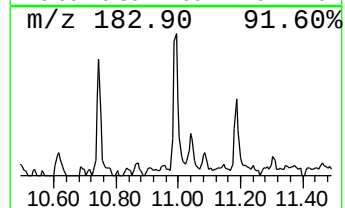
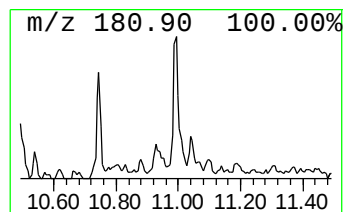
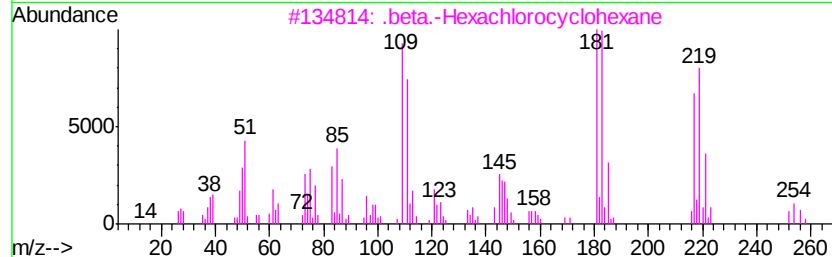
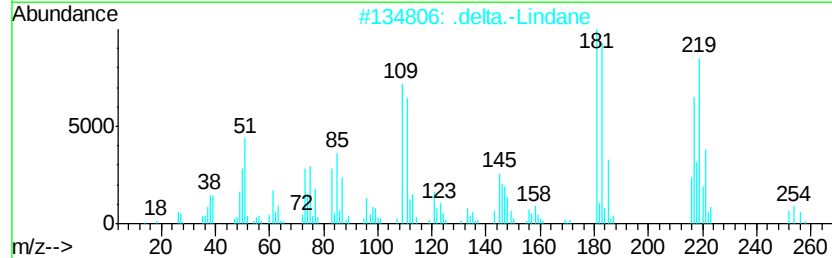
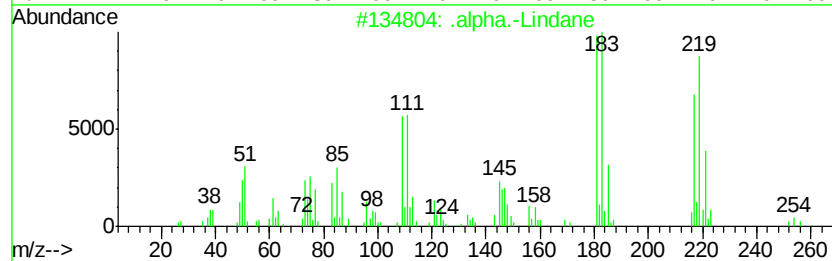
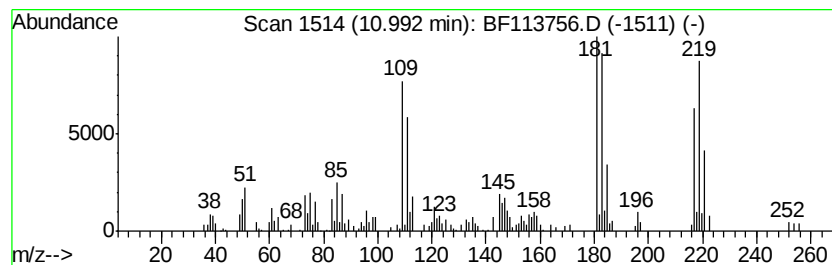
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 .alpha.-Lindane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	4.47 ng	162051	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	93
2		.delta.-Lindane	288	C6H6Cl6	000319-86-8	83
3		.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	64
4		2,3,5-Trichloropyridine	181	C5H2Cl3N	016063-70-0	22
5		2-Fluorobenzylamine, N-(2-fluoro...	219	C13H11F2N	1000310-31-1	22



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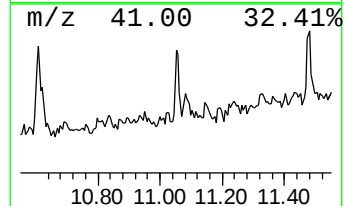
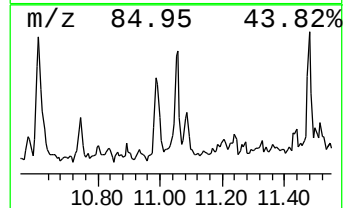
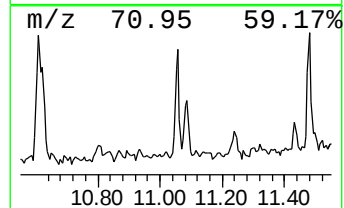
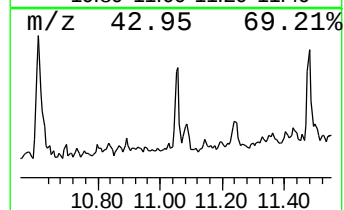
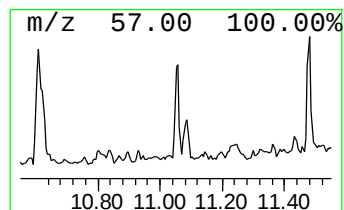
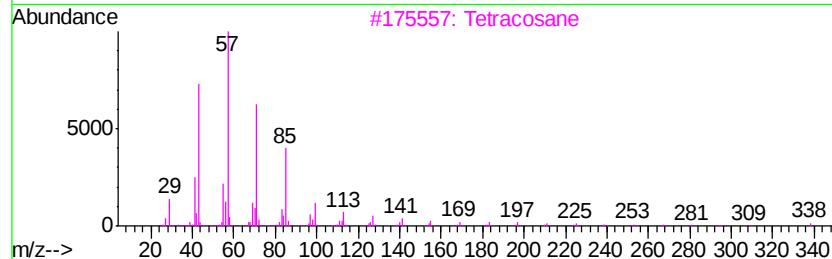
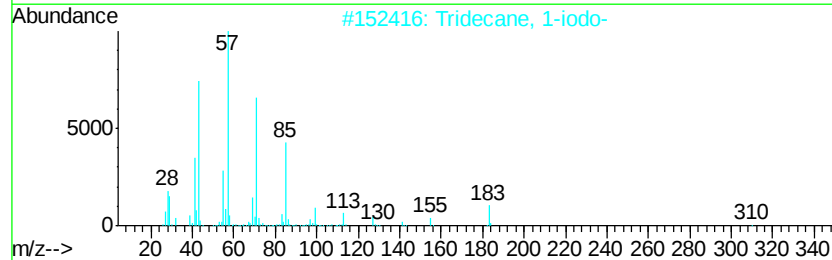
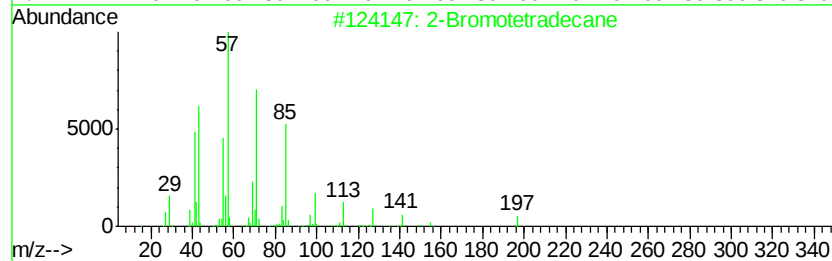
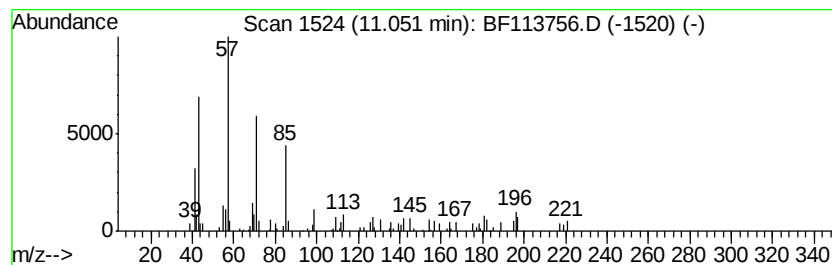
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Bromotetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.29 ng	82855	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
3		Tetracosane	338	C24H50	000646-31-1	64
4		Hexacosane	366	C26H54	000630-01-3	64
5		Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-S

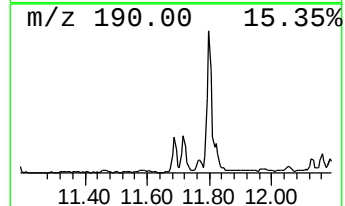
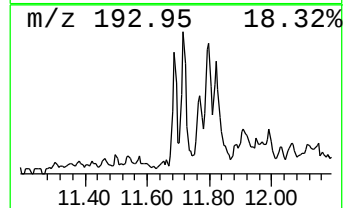
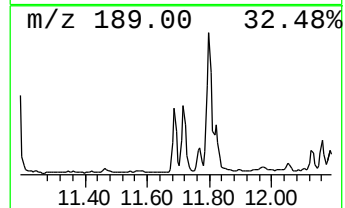
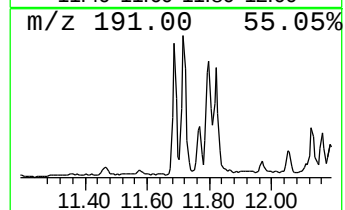
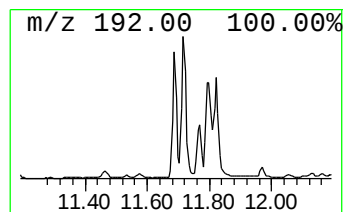
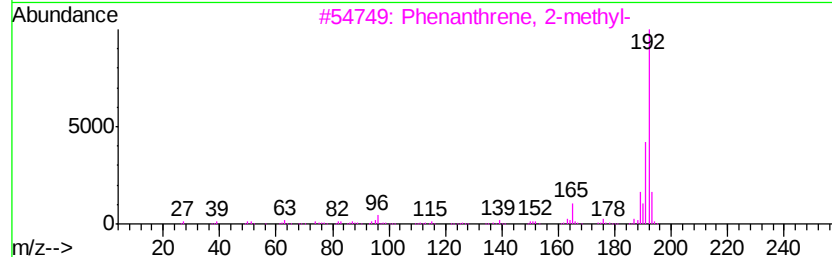
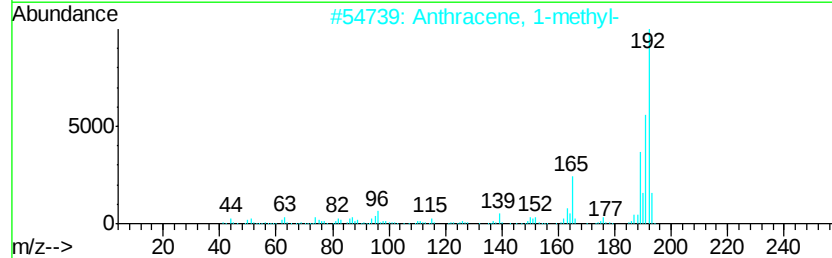
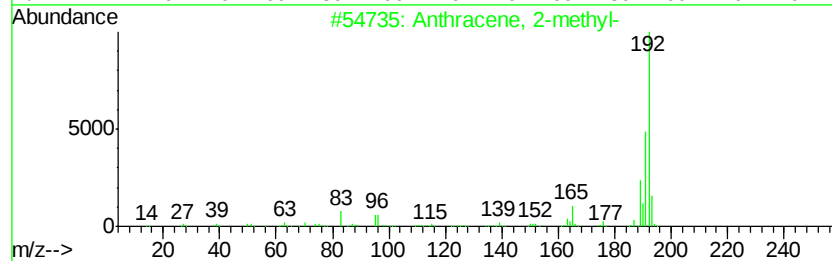
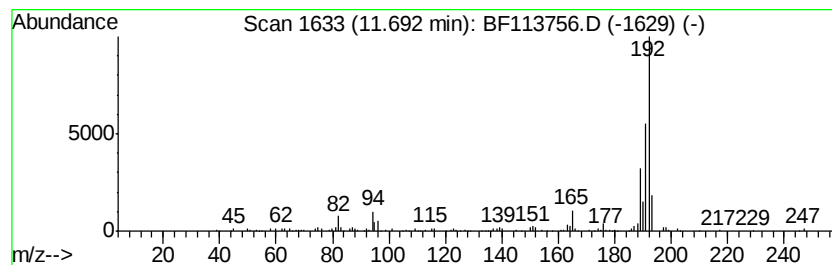
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.56 ng	129063	Phenanthrene-d10	11.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
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Instrument :
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ClientSampleId :
TP-4-S

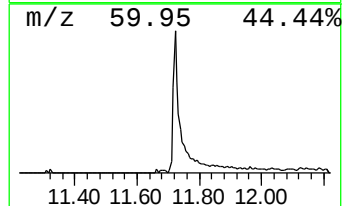
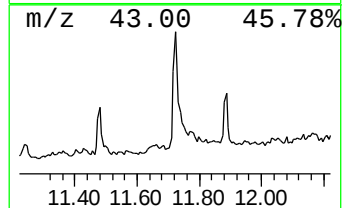
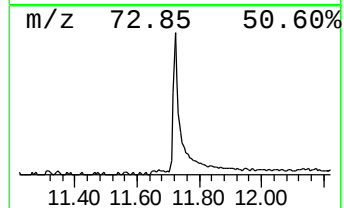
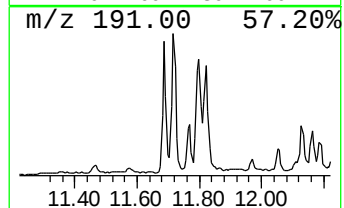
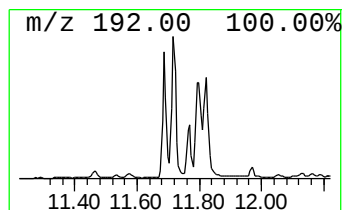
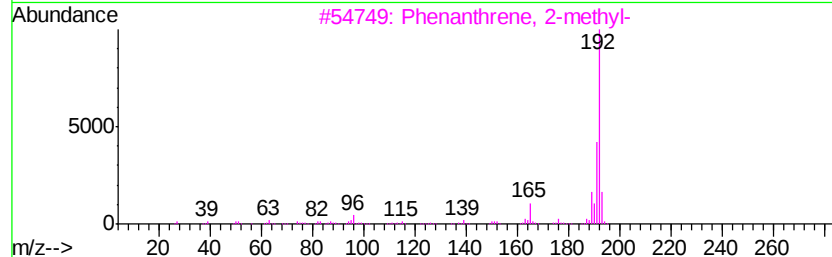
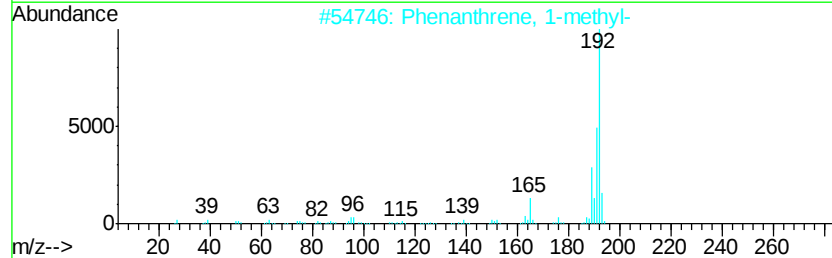
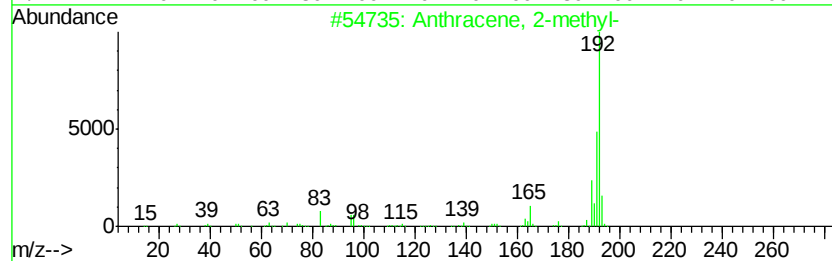
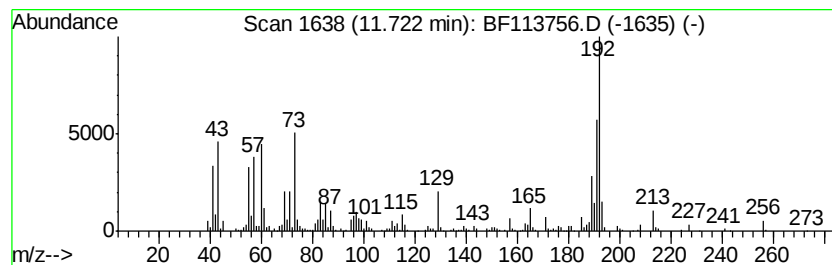
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.05 ng	364029	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
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Operator : JU/SJ
Sample : K2376-03
Misc :
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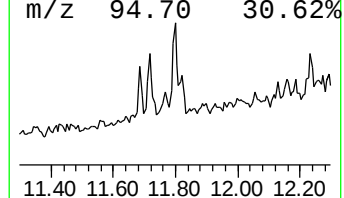
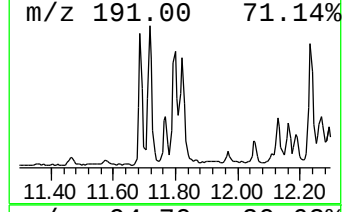
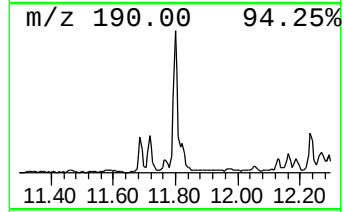
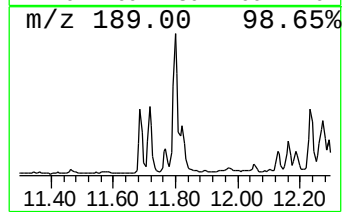
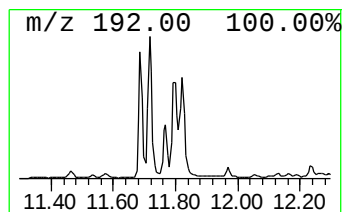
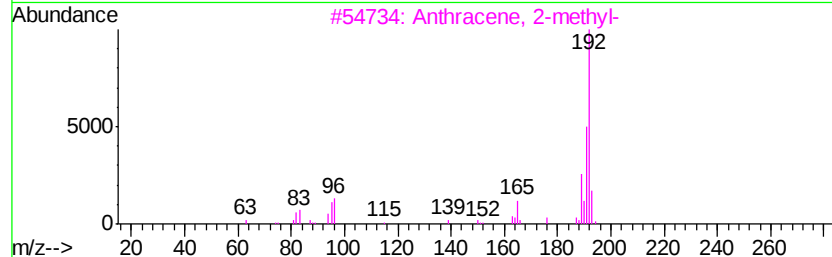
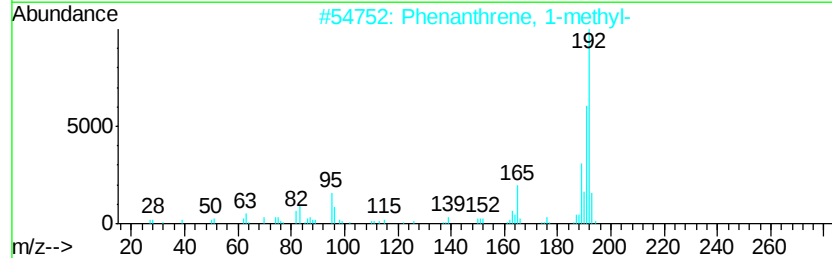
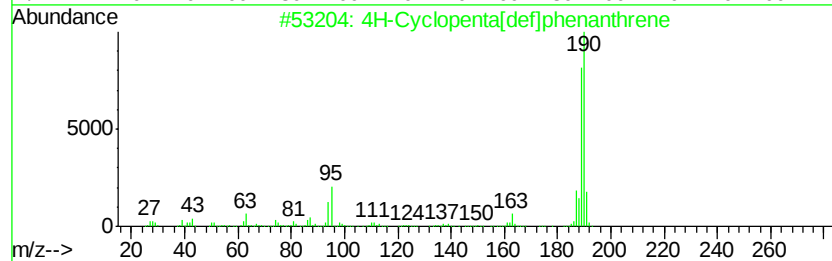
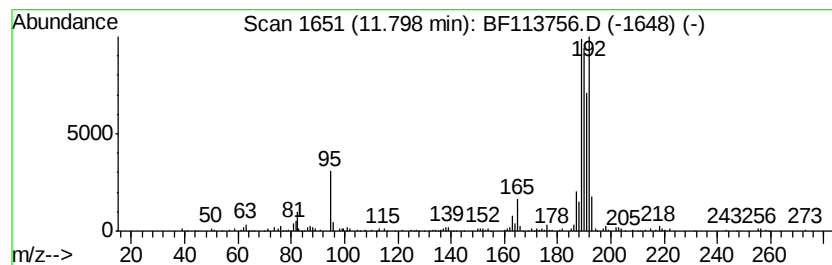
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	5.58 ng	202006	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
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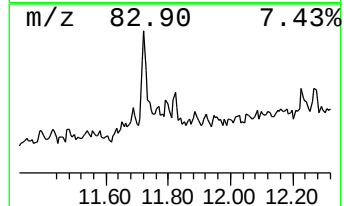
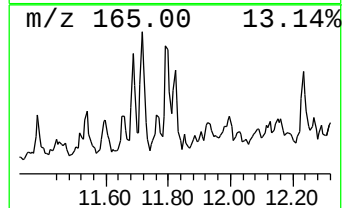
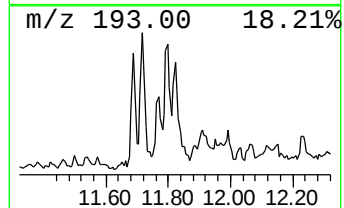
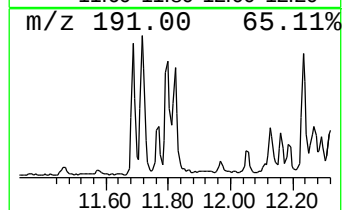
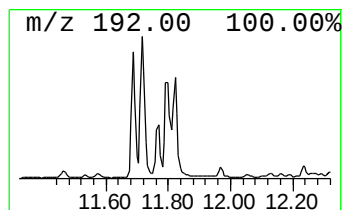
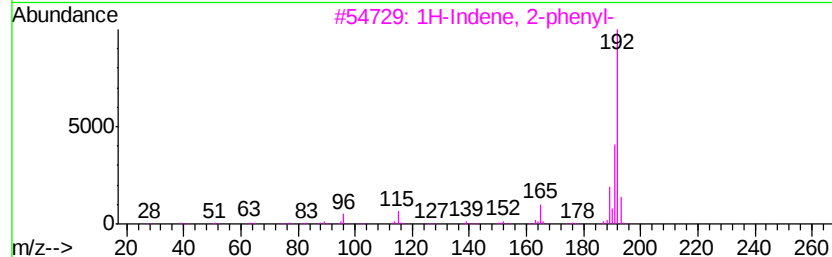
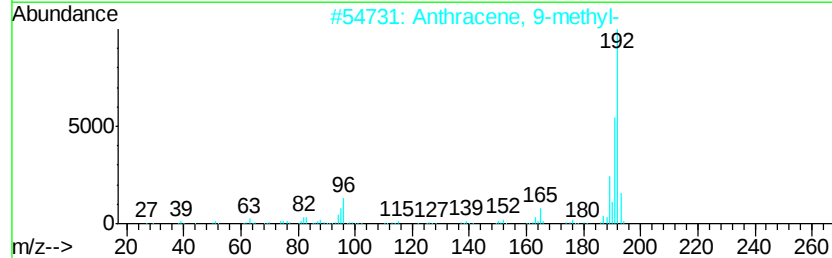
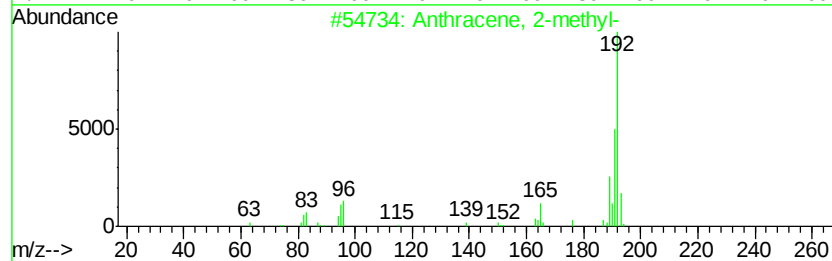
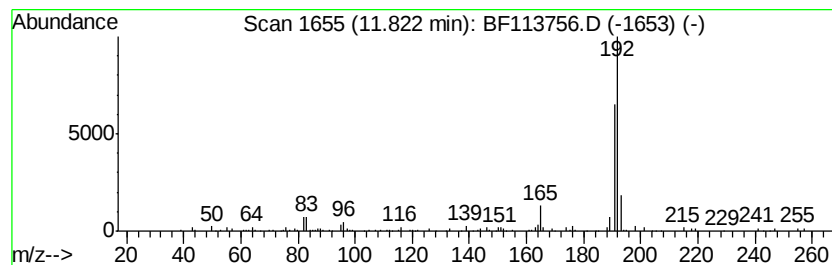
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.93 ng	105941	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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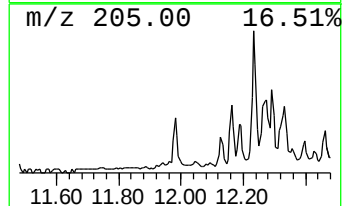
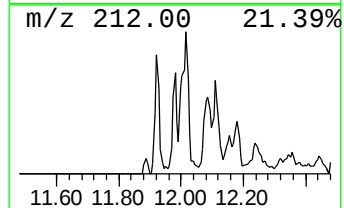
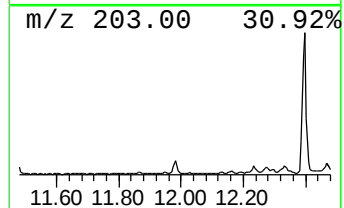
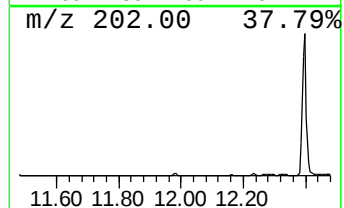
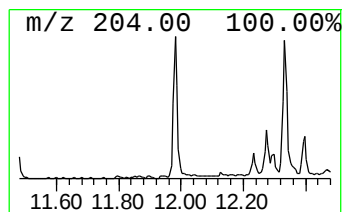
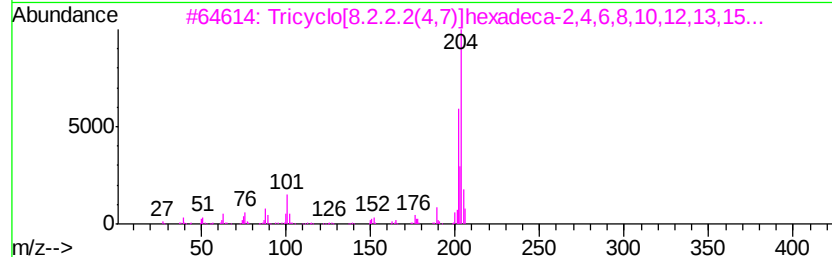
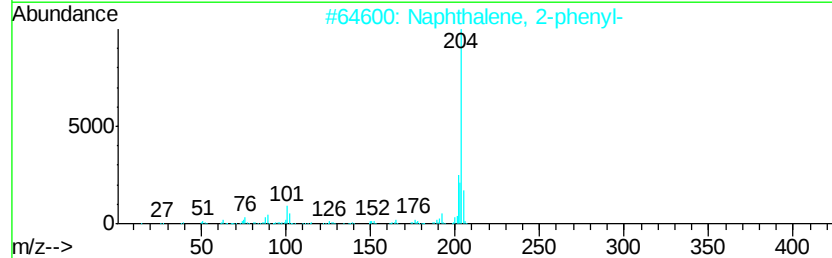
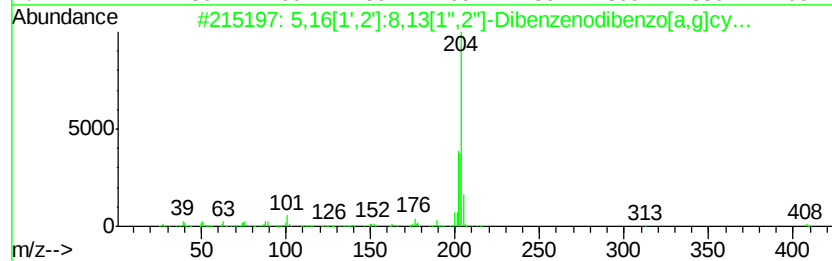
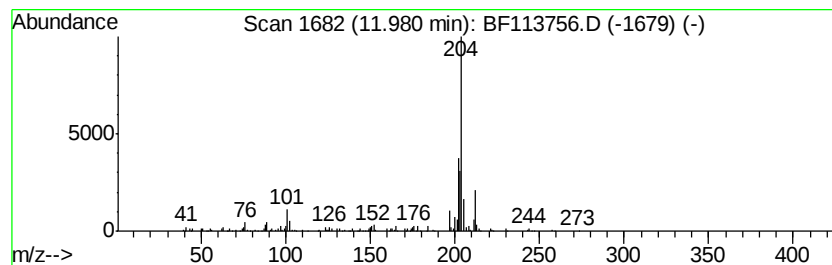
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.13 ng	77129	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
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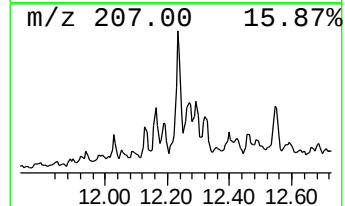
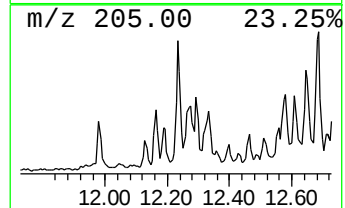
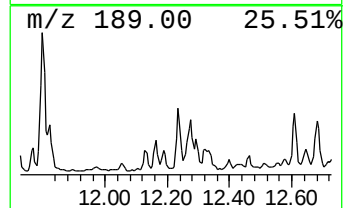
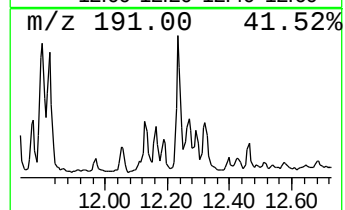
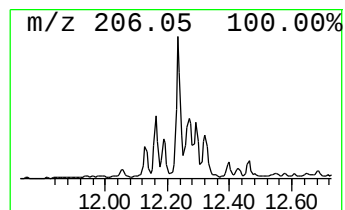
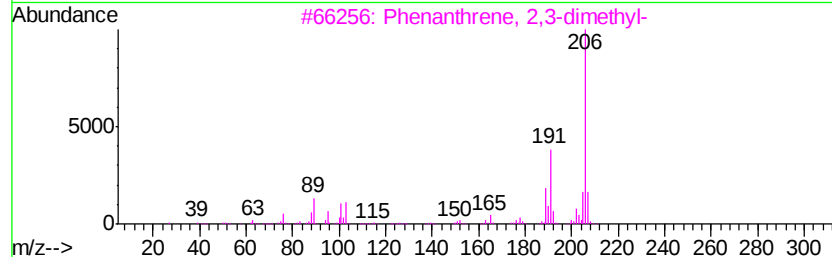
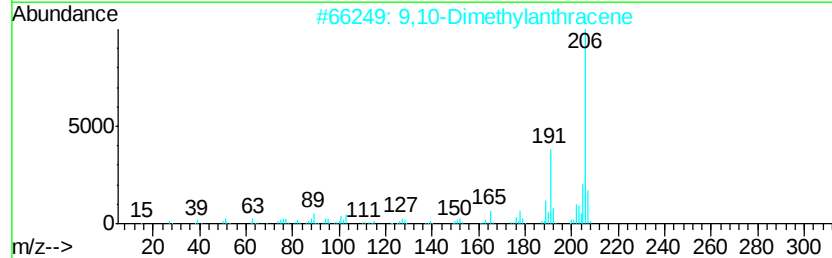
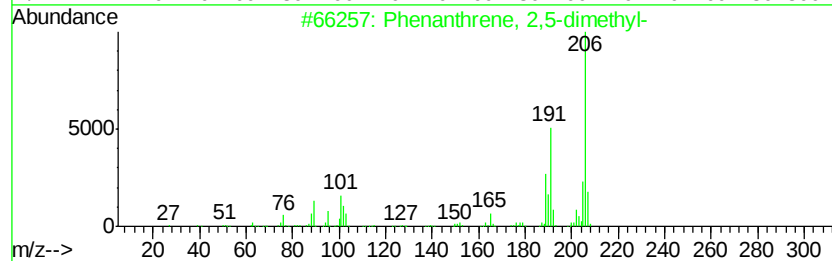
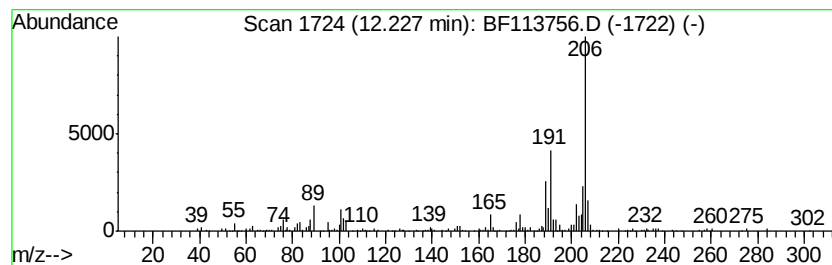
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.23	6.07 ng	219918	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

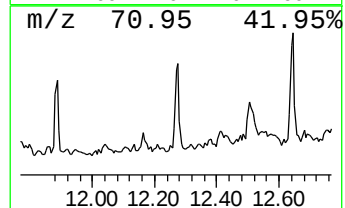
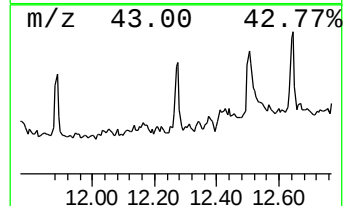
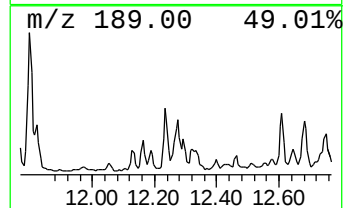
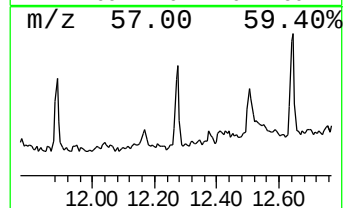
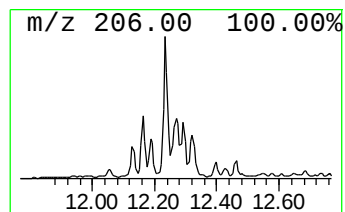
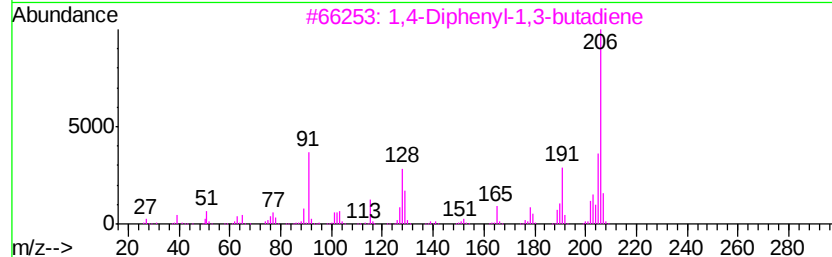
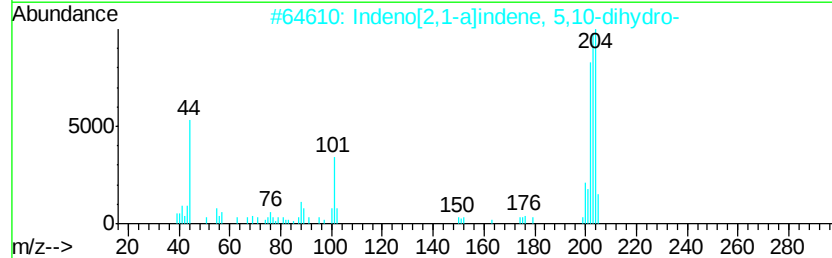
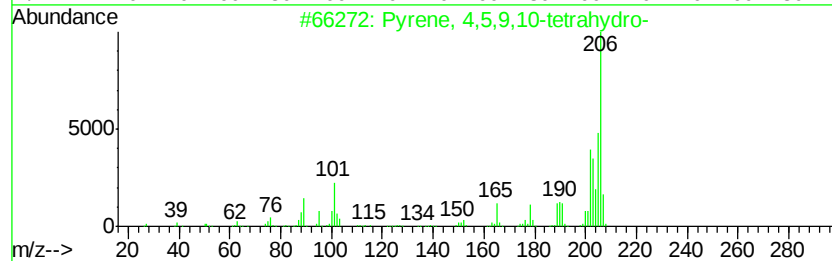
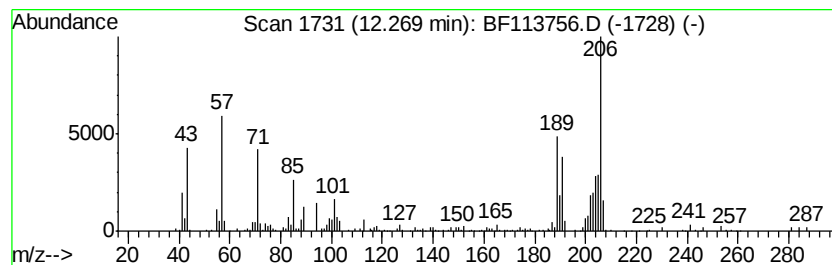
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.27	3.32 ng	120069	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
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Instrument :
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ClientSampleId :
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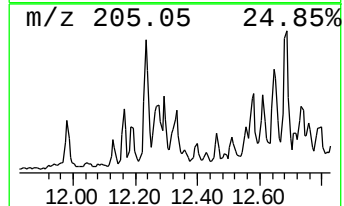
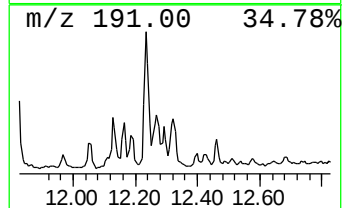
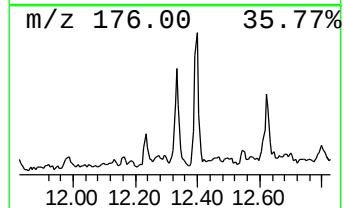
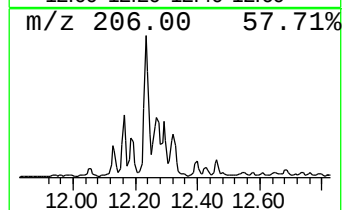
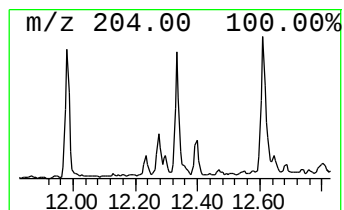
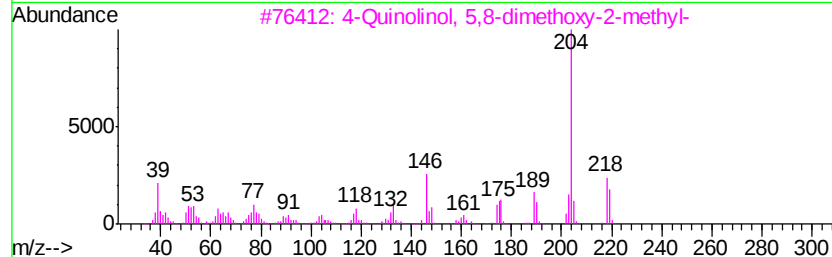
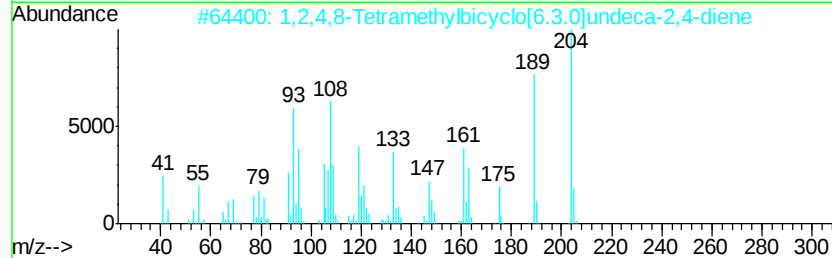
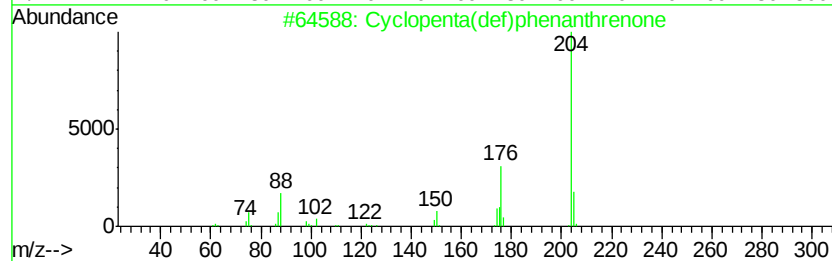
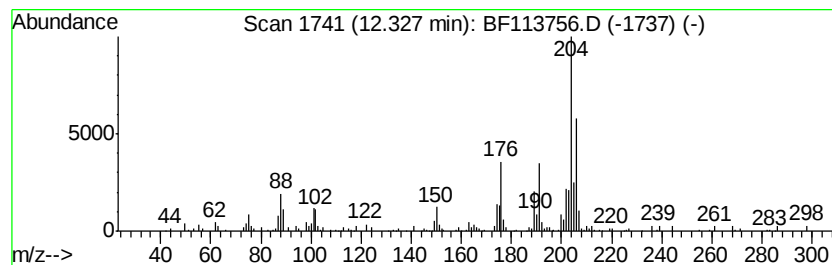
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.15 ng	114145	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3		4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	59
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
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ClientSampleId :
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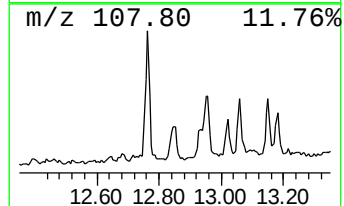
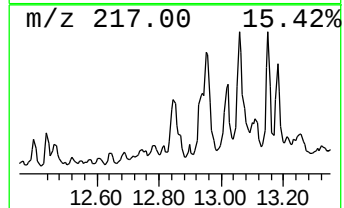
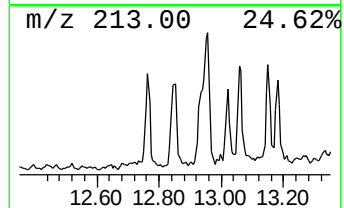
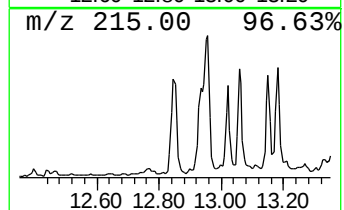
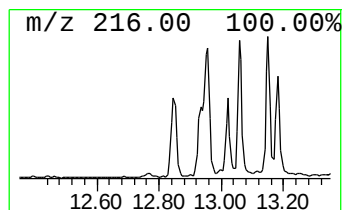
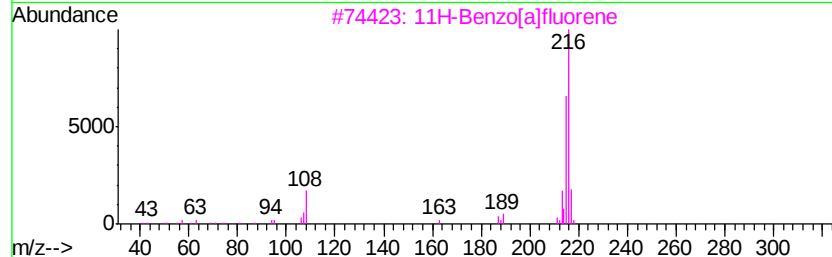
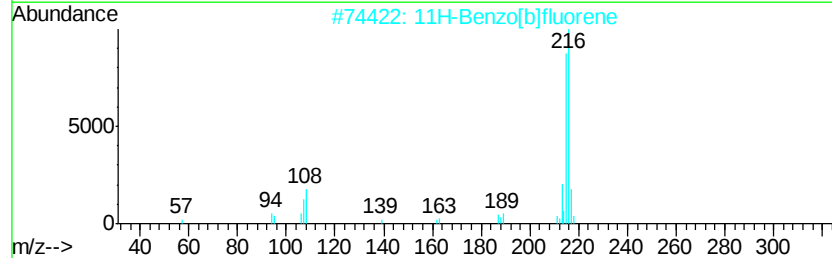
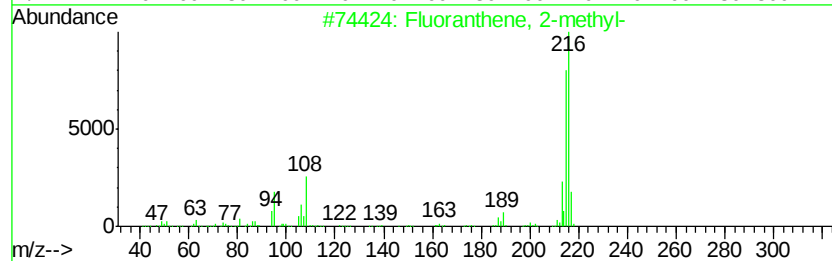
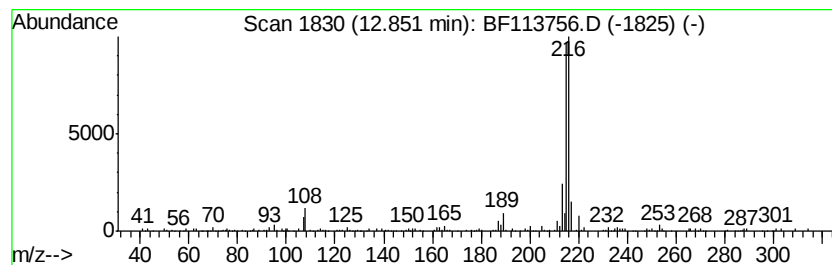
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.65 ng	227058	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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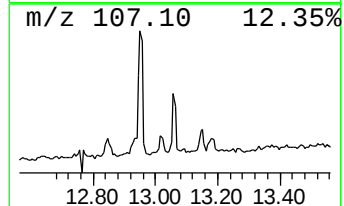
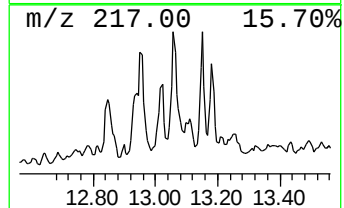
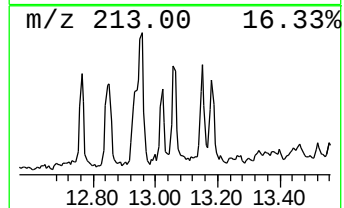
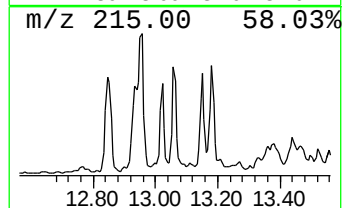
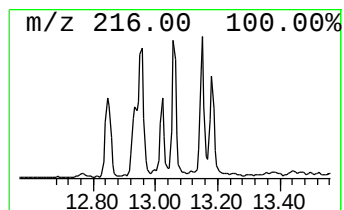
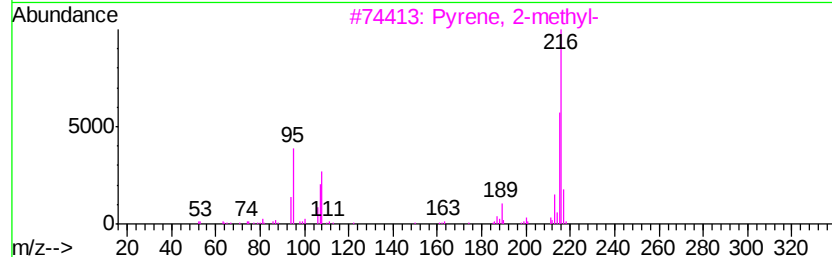
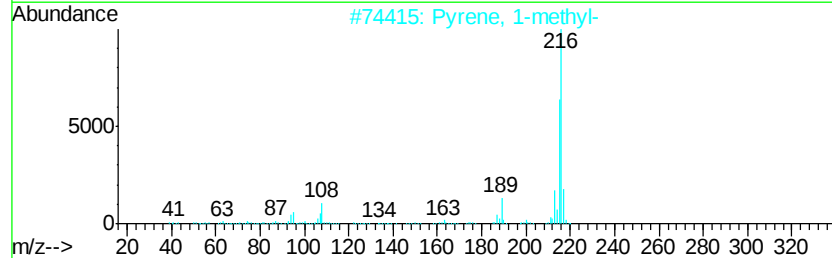
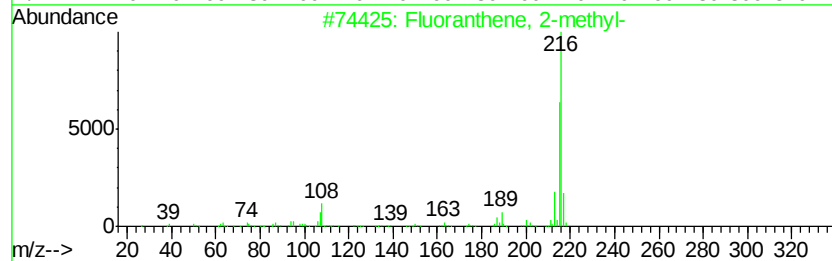
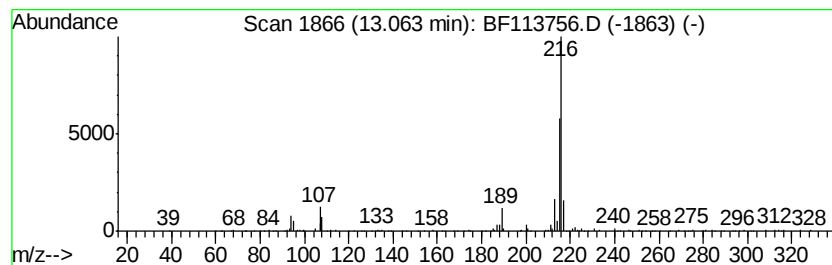
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.28 ng	195461	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
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ALS Vial : 21 Sample Multiplier: 1

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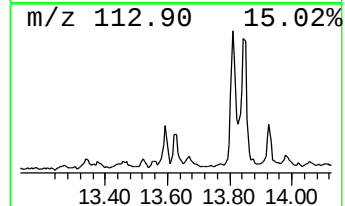
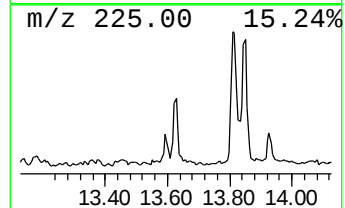
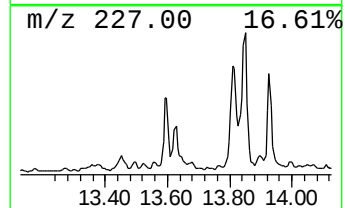
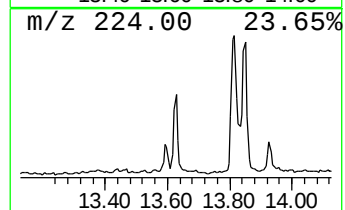
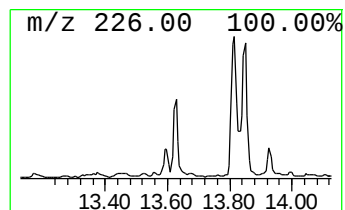
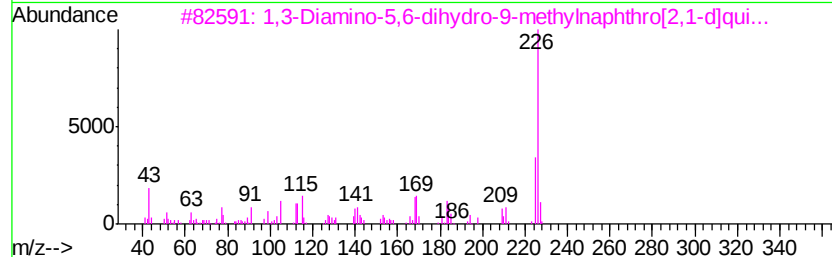
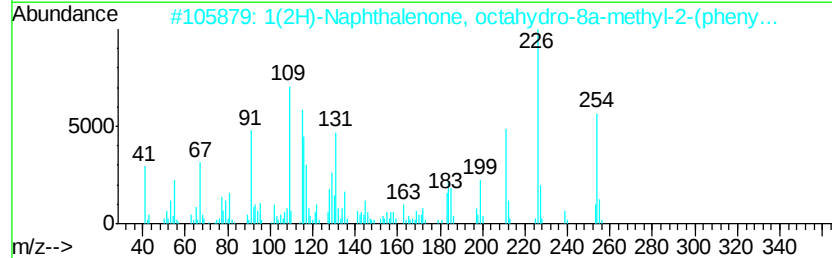
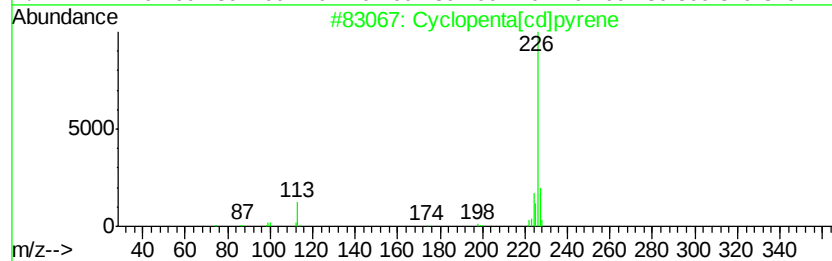
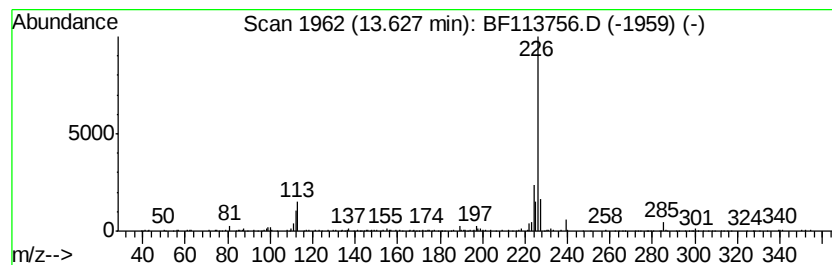
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.24 ng	191872	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2		1(2H)-Naphthalenone, octahydro-8...	254	C18H22O	017429-44-6	43
3		1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
4		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
5		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
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ALS Vial : 21 Sample Multiplier: 1

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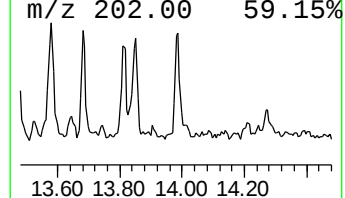
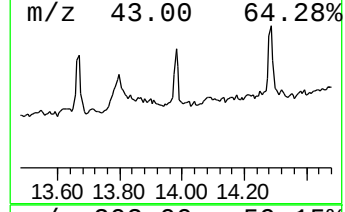
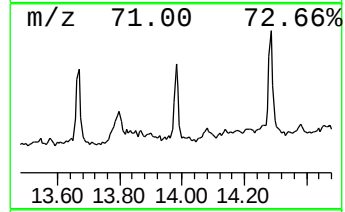
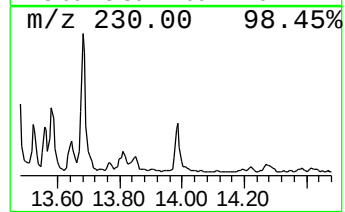
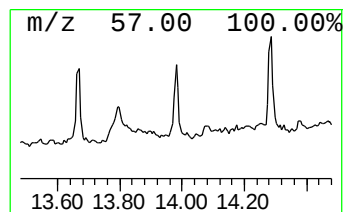
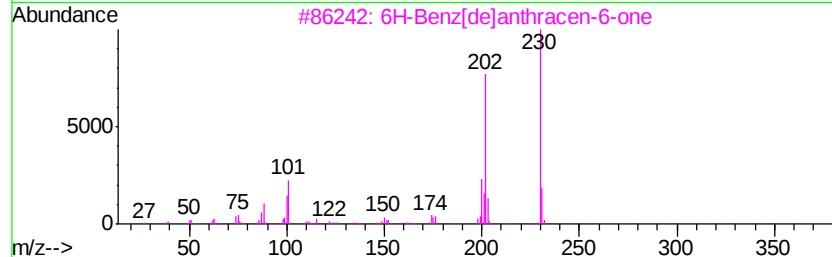
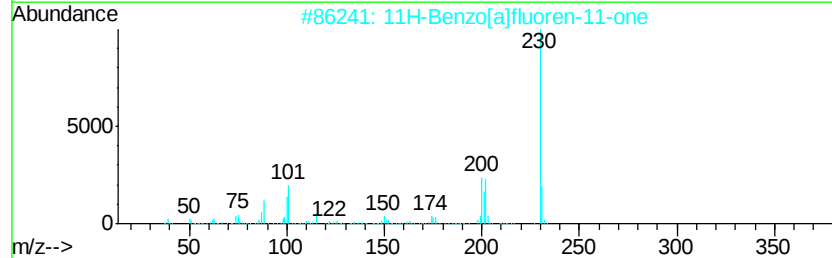
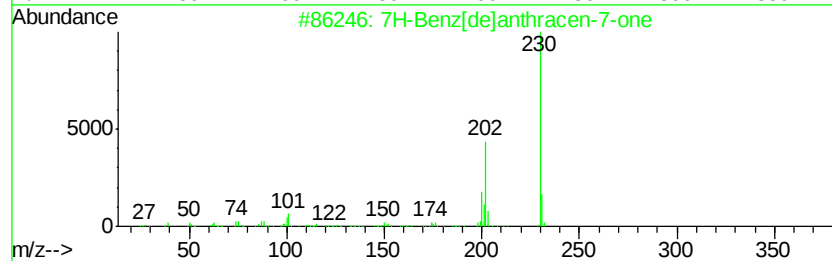
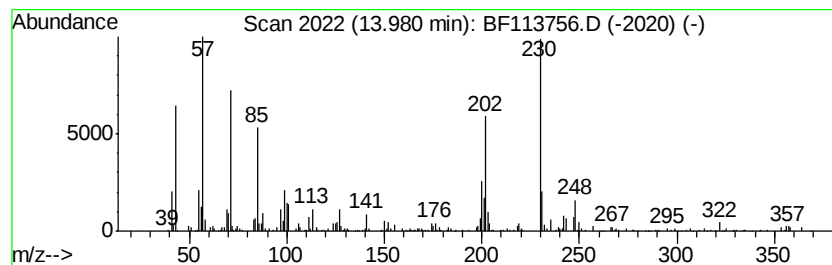
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.61 ng	223388	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
2		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	50
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	43
5		Heptadecane	240	C17H36	000629-78-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
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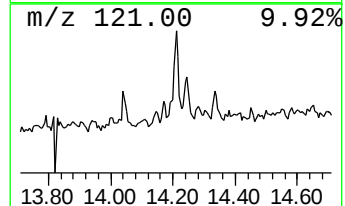
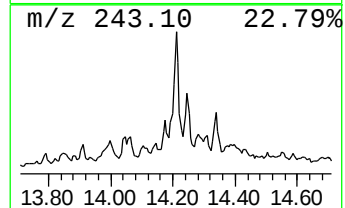
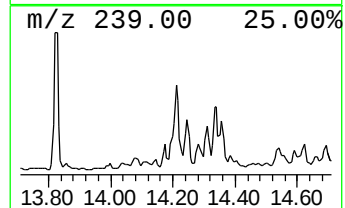
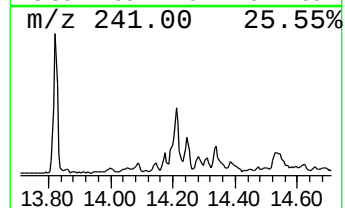
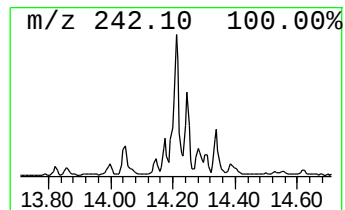
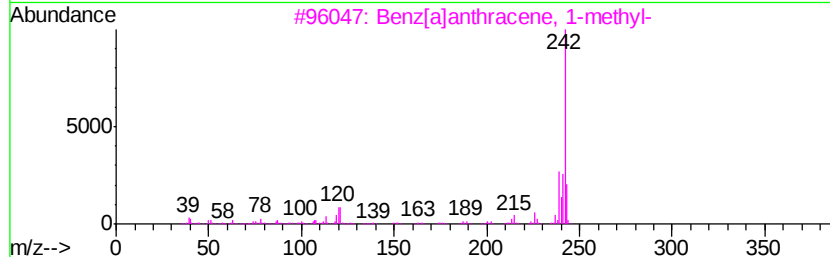
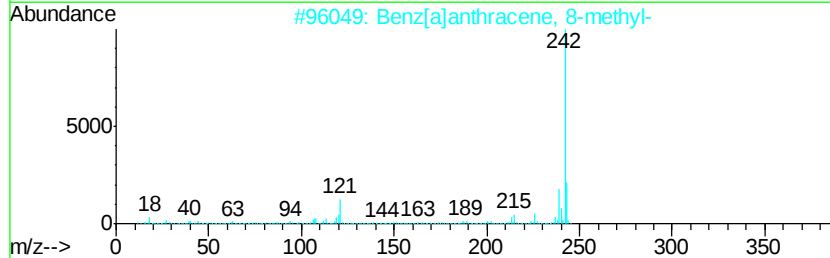
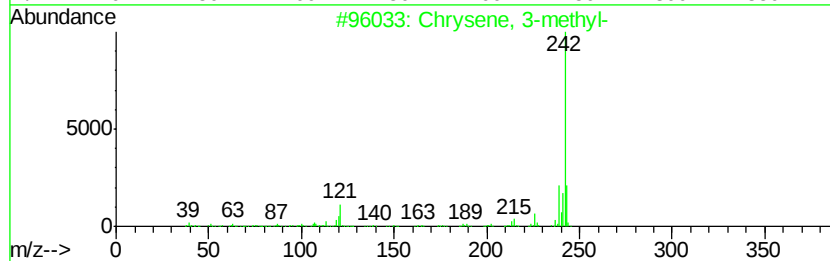
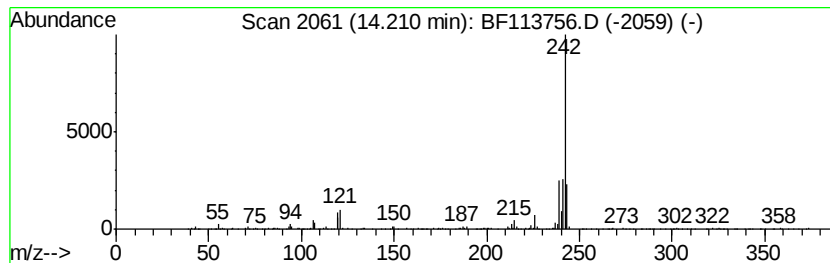
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Chrysene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.47 ng	211758	Chrysene-d12	13.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene, 3-methyl-	242	C19H14	003351-31-3	90
2			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
3			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
4			Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113756.D
Acq On : 12 Apr 2019 23:51
Operator : JU/SJ
Sample : K2376-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-S

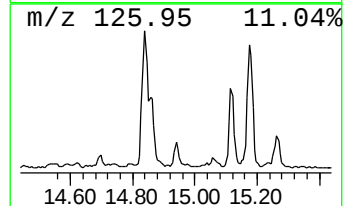
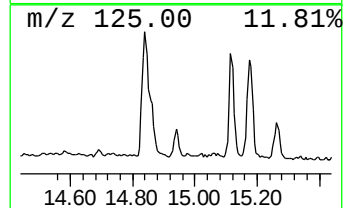
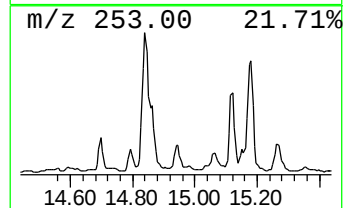
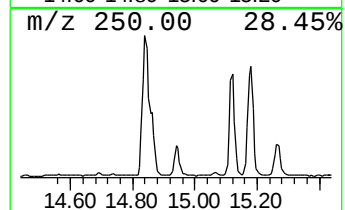
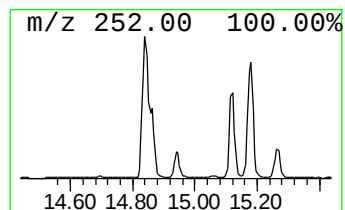
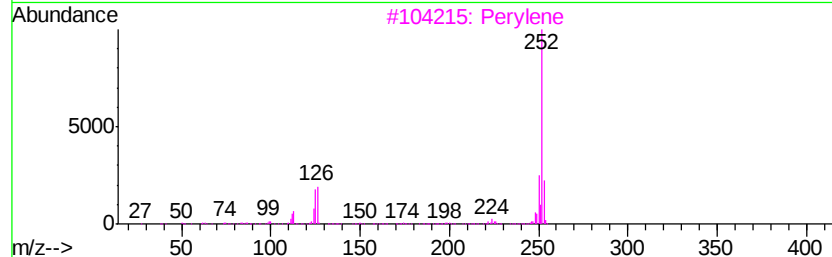
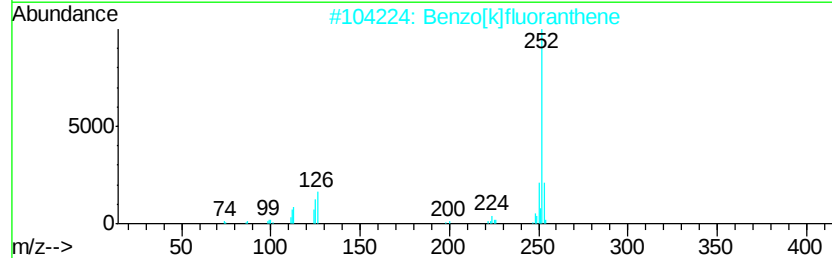
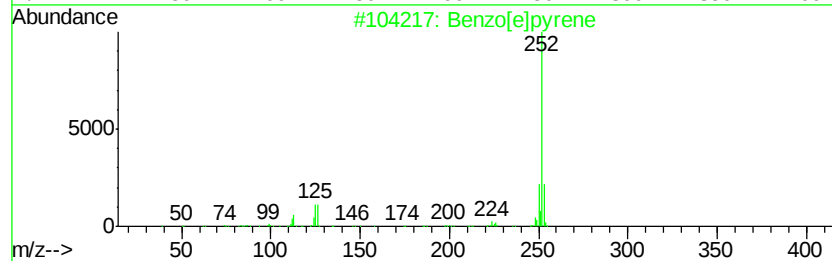
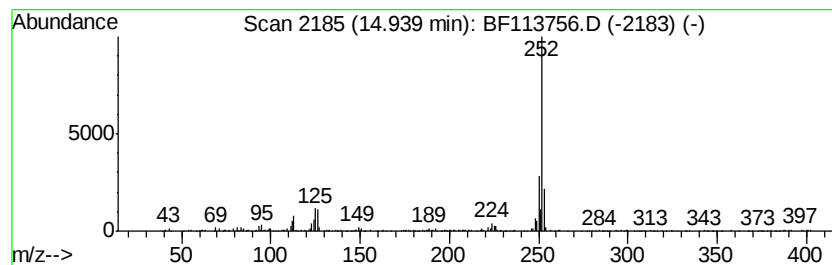
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	4.73 ng	171143	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Perylene	252	C20H12	000198-55-0	94
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113756.D
 Acq On : 12 Apr 2019 23:51
 Operator : JU/SJ
 Sample : K2376-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	68.1 ng		2071740	1	6.67	608832	20.0
Tetradecane	10.61	2.6 ng		95806	4	11.19	724377	20.0
.alpha.-Lindane	10.99	4.5 ng		162051	4	11.19	724377	20.0
2-Bromotetradecane	11.05	2.3 ng		82855	4	11.19	724377	20.0
Anthracene, 2-met...	11.69	3.6 ng		129063	4	11.19	724377	20.0
Phenanthrene, 1-m...	11.72	10.1 ng		364029	4	11.19	724377	20.0
unknown11.80	11.80	5.6 ng		202006	4	11.19	724377	20.0
Anthracene, 9-met...	11.82	2.9 ng		105941	4	11.19	724377	20.0
5,16[1',2']:8,13[...	11.98	2.1 ng		77129	4	11.19	724377	20.0
Phenanthrene, 2,5...	12.23	6.1 ng		219918	4	11.19	724377	20.0
unknown12.27	12.27	3.3 ng		120069	4	11.19	724377	20.0
Cyclopenta(def)ph...	12.33	3.1 ng		114145	4	11.19	724377	20.0
Fluoranthene, 2-m...	12.85	2.6 ng		227058	5	13.82	1714630	20.0
Pyrene, 2-methyl-	13.06	2.3 ng		195461	5	13.82	1714630	20.0
Cyclopenta[cd]pyrene	13.63	2.2 ng		191872	5	13.82	1714630	20.0
7H-Benz[de]anthra...	13.98	2.6 ng		223388	5	13.82	1714630	20.0
Chrysene, 3-methyl-	14.21	2.5 ng		211758	5	13.82	1714630	20.0
Benzo[e]pyrene	14.94	4.7 ng		171143	6	15.23	723618	20.0