

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113511.D
 Acq On : 2 Apr 2019 17:50
 Operator : JU/SJ
 Sample : K2190-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1

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-BF032519.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.634	256	263	273	rBV	53969	91026	3.15%	0.250%
2	5.257	534	539	544	rBV	80249	111199	3.85%	0.305%
3	5.304	544	547	563	rVB	2333822	2344238	81.07%	6.431%
4	5.522	578	584	595	rBV2	86787	105788	3.66%	0.290%
5	6.293	712	715	719	rVB	52660	42109	1.46%	0.116%
6	6.340	719	723	740	rBV	2577643	2561977	88.60%	7.028%
7	6.463	740	744	751	rVV	2868239	2528431	87.44%	6.936%
8	6.516	751	753	761	rVB	93759	100954	3.49%	0.277%
9	6.693	779	783	790	rBV	798162	713500	24.67%	1.957%
10	6.845	806	809	822	rVB	2158083	1981642	68.53%	5.436%
11	7.257	874	879	885	rBV	1553561	1572785	54.39%	4.314%
12	7.728	956	959	967	rBV2	30798	49163	1.70%	0.135%
13	7.975	997	1001	1011	rBV	935600	952350	32.93%	2.613%
14	8.616	1106	1110	1116	rVB2	20898	36795	1.27%	0.101%
15	9.045	1179	1183	1186	rBV	3465912	2891762	100.00%	7.933%
16	9.210	1207	1211	1215	rBV2	32194	42005	1.45%	0.115%
17	9.439	1246	1250	1254	rBV	228300	218242	7.55%	0.599%
18	9.581	1270	1274	1280	rBV	213008	190006	6.57%	0.521%
19	9.716	1293	1297	1301	rBV	1079222	1016953	35.17%	2.790%
20	9.928	1329	1333	1341	rBV4	17687	41755	1.44%	0.115%
21	10.157	1369	1372	1377	rVB2	26793	34577	1.20%	0.095%
22	10.263	1387	1390	1398	rBV2	25672	35284	1.22%	0.097%
23	10.375	1406	1409	1415	rBV2	29434	36566	1.26%	0.100%
24	10.504	1427	1431	1441	rBV	1880265	1813538	62.71%	4.975%
25	10.628	1449	1452	1461	rVB5	61091	96976	3.35%	0.266%
26	10.786	1476	1479	1483	rBV3	25216	35493	1.23%	0.097%
27	10.963	1506	1509	1512	rBV	32374	36762	1.27%	0.101%
28	11.004	1514	1516	1520	rVB	33837	39505	1.37%	0.108%
29	11.075	1525	1528	1530	rVV	63453	55283	1.91%	0.152%
30	11.104	1530	1533	1540	rVB2	35883	41715	1.44%	0.114%
31	11.198	1545	1549	1551	rBV	1160558	967639	33.46%	2.654%
32	11.222	1551	1553	1559	rVV	452603	378642	13.09%	1.039%
33	11.275	1559	1562	1566	rVB	104455	95692	3.31%	0.263%
34	11.492	1596	1599	1603	rVB2	134853	129673	4.48%	0.356%

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35	11.592	1613	1616	1623	rVB2	40768	50120	1.73%	0.137%
36	11.698	1631	1634	1637	rBV	54914	49337	1.71%	0.135%
37	11.733	1637	1640	1646	rVV2	308367	369591	12.78%	1.014%
38	11.810	1650	1653	1656	rVV	154925	178470	6.17%	0.490%
39	11.833	1656	1657	1663	rVB2	59467	43828	1.52%	0.120%
40	11.992	1681	1684	1687	rBV	173947	139562	4.83%	0.383%
41	12.027	1687	1690	1694	rVB2	47680	48010	1.66%	0.132%
42	12.245	1724	1727	1730	rBV	49619	50530	1.75%	0.139%
43	12.292	1730	1735	1739	rVV4	51755	84423	2.92%	0.232%
44	12.333	1739	1742	1746	rBV	110992	104289	3.61%	0.286%
45	12.410	1751	1755	1758	rBV	1013771	952956	32.95%	2.614%
46	12.504	1768	1771	1779	rBV2	114240	239002	8.26%	0.656%
47	12.574	1781	1783	1787	rVB	53419	48016	1.66%	0.132%
48	12.633	1788	1793	1796	rBV	1470011	1332011	46.06%	3.654%
49	12.663	1796	1798	1800	rVB	45110	37495	1.30%	0.103%
50	12.780	1813	1818	1821	rBV	2584800	2313586	80.01%	6.347%
51	12.851	1828	1830	1835	rBV2	48064	65683	2.27%	0.180%
52	12.957	1843	1848	1852	rVB2	90408	176953	6.12%	0.485%
53	13.022	1855	1859	1862	rVV3	63587	93071	3.22%	0.255%
54	13.069	1864	1867	1875	rVB2	91754	117183	4.05%	0.321%
55	13.157	1880	1882	1885	rVV	114512	105841	3.66%	0.290%
56	13.186	1885	1887	1891	rVB	116563	104966	3.63%	0.288%
57	13.357	1914	1916	1920	rBV2	42875	36848	1.27%	0.101%
58	13.474	1933	1936	1940	rVB	88147	94448	3.27%	0.259%
59	13.604	1956	1958	1960	rVB	105833	72401	2.50%	0.199%
60	13.627	1960	1962	1966	rBV	178314	150158	5.19%	0.412%
61	13.680	1968	1971	1974	rBV2	98832	100560	3.48%	0.276%
62	13.827	1991	1996	1999	rBV2	1116483	1437893	49.72%	3.944%
63	13.857	1999	2001	2005	rVB	418488	361425	12.50%	0.991%
64	13.933	2012	2014	2016	rBV	45650	36775	1.27%	0.101%
65	13.980	2019	2022	2024	rVV	130461	142153	4.92%	0.390%
66	13.998	2024	2025	2028	rVB2	77060	52692	1.82%	0.145%
67	14.180	2054	2056	2058	rBV3	33779	36350	1.26%	0.100%
68	14.216	2060	2062	2066	rVB	59516	59964	2.07%	0.164%
69	14.298	2073	2076	2080	rVB4	126439	151894	5.25%	0.417%
70	14.339	2080	2083	2085	rBV3	65097	63886	2.21%	0.175%
71	14.410	2093	2095	2100	rVB	68744	72409	2.50%	0.199%

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72	14.598	2124	2127	2132	rVB2	152119	152134	5.26%	0.417%
73	14.839	2164	2168	2176	rBV	579294	986028	34.10%	2.705%
74	14.904	2176	2179	2182	rVV	148045	170170	5.88%	0.467%
75	14.939	2182	2185	2189	rVB	126817	127093	4.40%	0.349%
76	15.116	2211	2215	2221	rVB	484021	562259	19.44%	1.542%
77	15.174	2221	2225	2230	rBV2	596173	746294	25.81%	2.047%
78	15.233	2230	2235	2238	rBV	770927	966286	33.42%	2.651%
79	15.651	2301	2306	2310	rBV	141123	194259	6.72%	0.533%
80	15.751	2320	2323	2328	rVB3	55537	77854	2.69%	0.214%
81	16.104	2379	2383	2389	rVB	87710	133041	4.60%	0.365%
82	16.439	2437	2440	2443	rBV	42441	60429	2.09%	0.166%
83	16.586	2459	2465	2470	rBV	312038	545371	18.86%	1.496%
84	16.798	2496	2501	2506	rBV4	35496	69131	2.39%	0.190%
85	16.986	2527	2533	2548	rVB	334066	698334	24.15%	1.916%

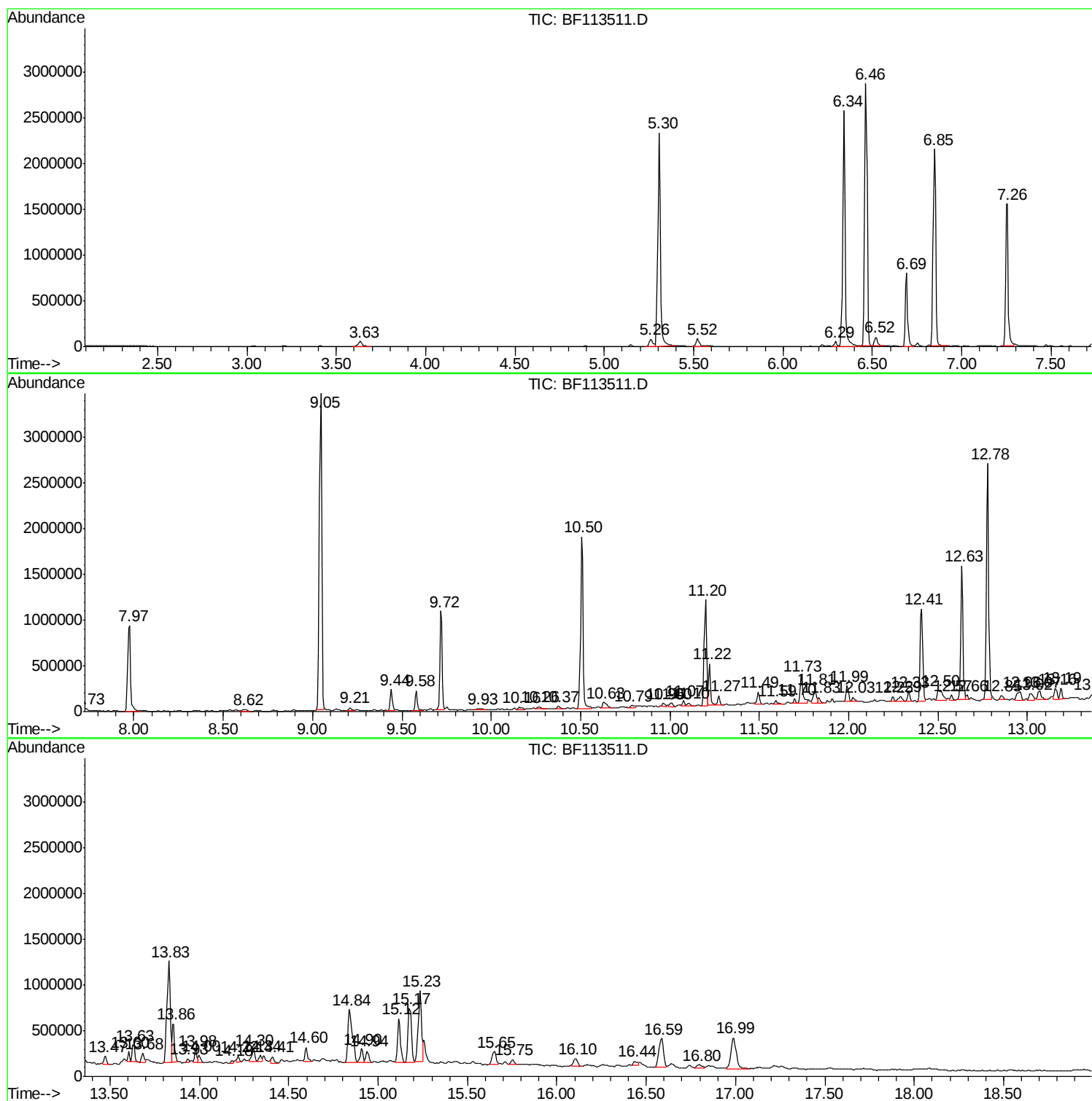
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BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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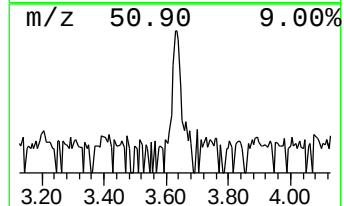
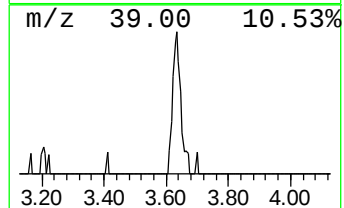
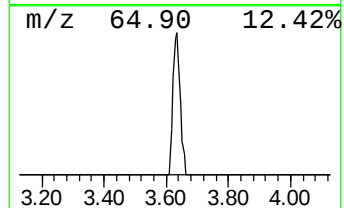
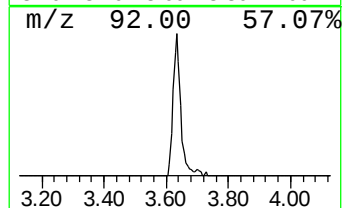
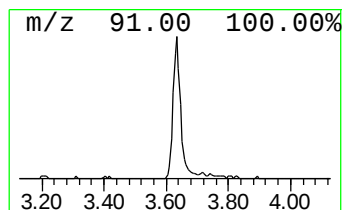
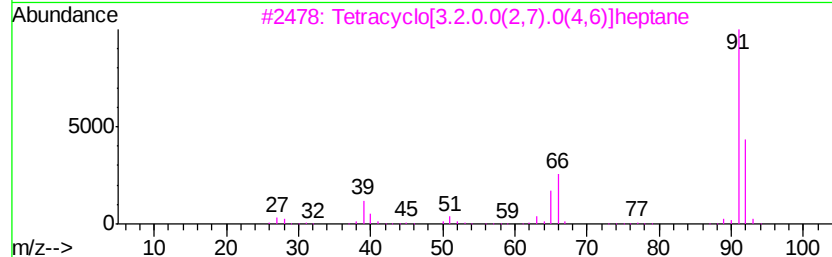
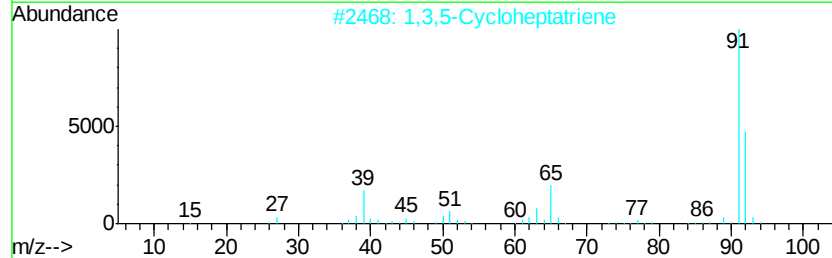
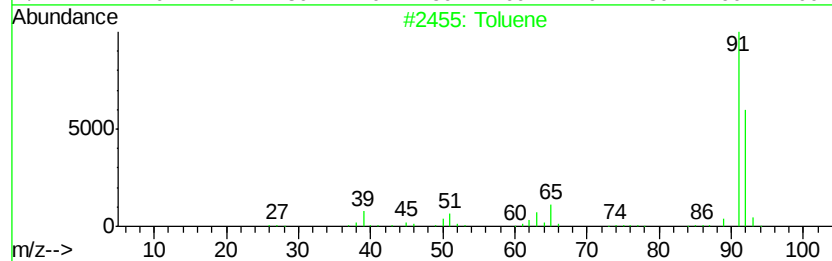
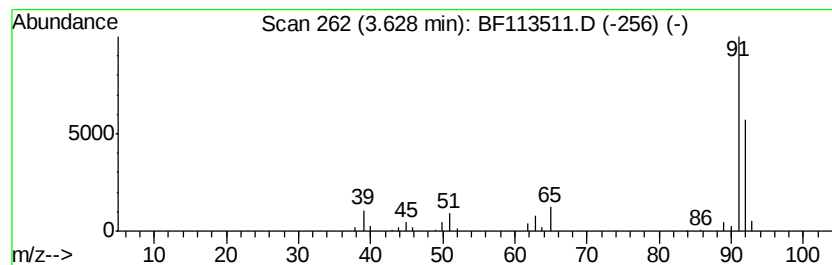
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	2.55 ng	91026	1,4-Dichlorobenzene-d4	6.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3			Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	80
4			2,5-Norbornadiene	92	C7H8	000121-46-0	80
5			Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72



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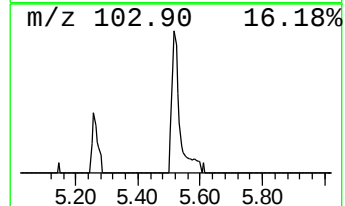
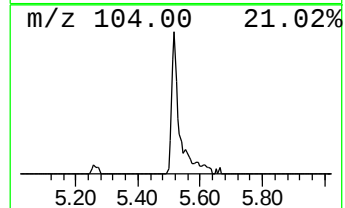
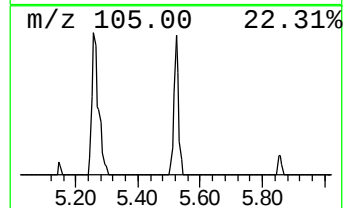
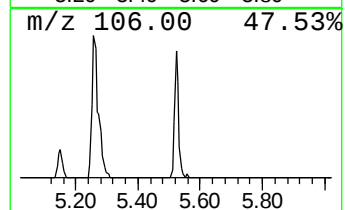
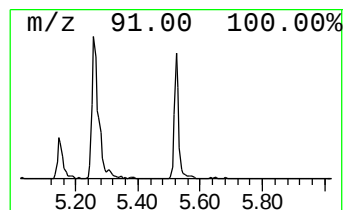
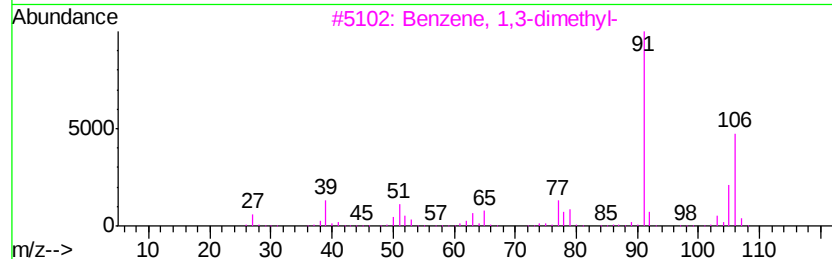
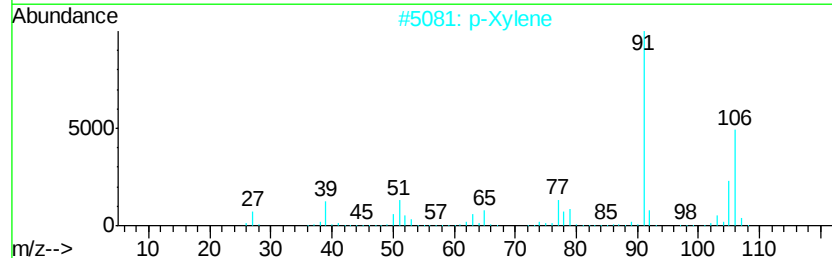
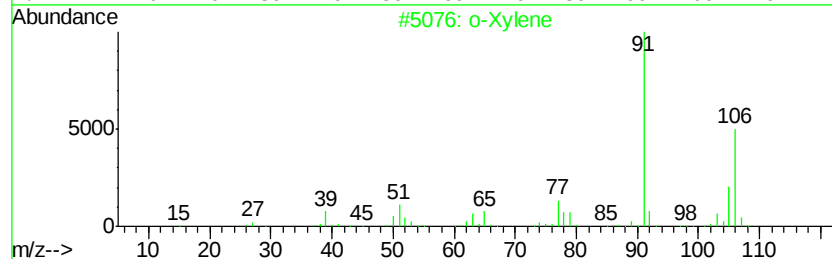
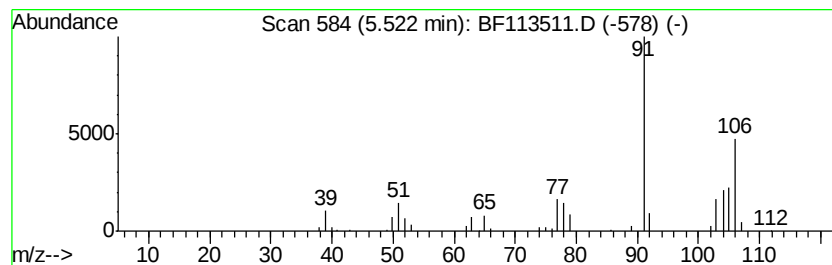
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	2.97 ng	105788	1,4-Dichlorobenzene-d4	6.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Xylene	106	C8H10	000095-47-6	93
2			p-Xylene	106	C8H10	000106-42-3	87
3			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
4			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	64
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64



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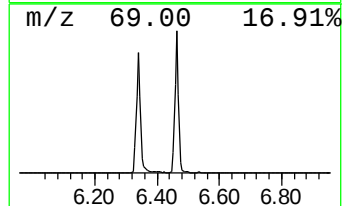
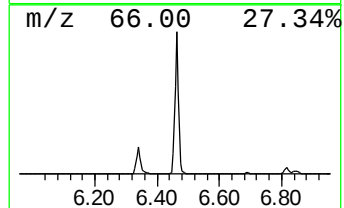
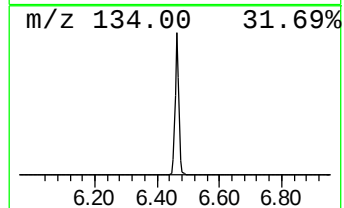
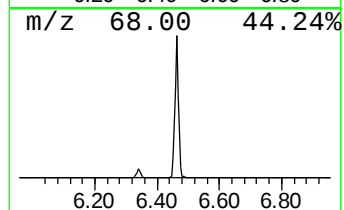
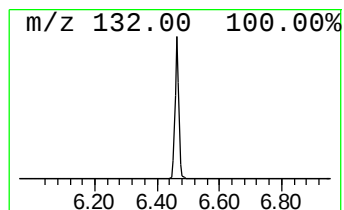
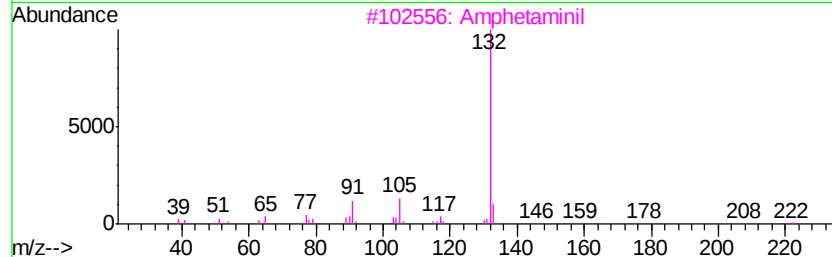
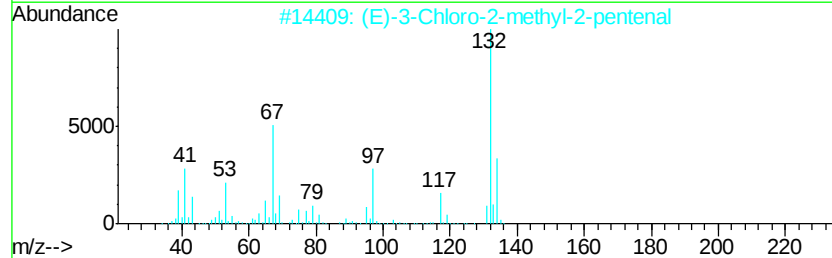
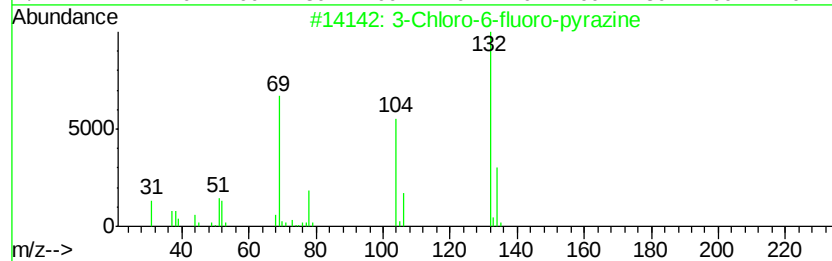
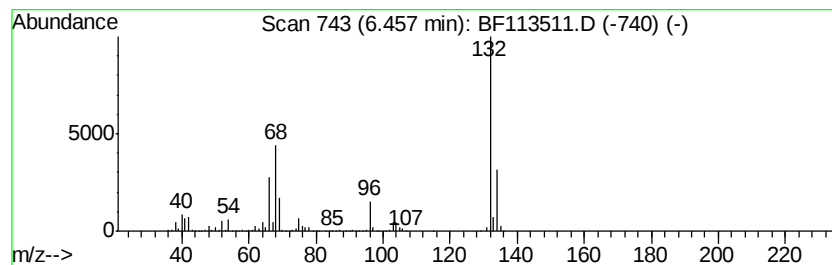
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	70.87 ng	2528430	1,4-Dichlorobenzene-d4	6.69

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	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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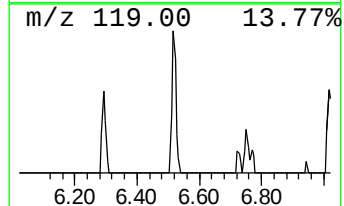
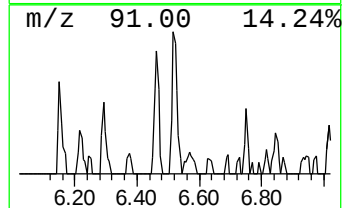
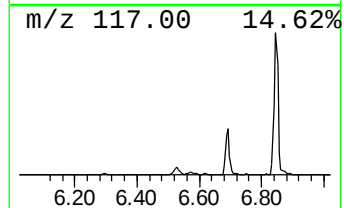
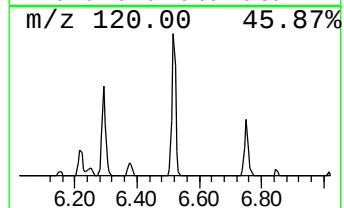
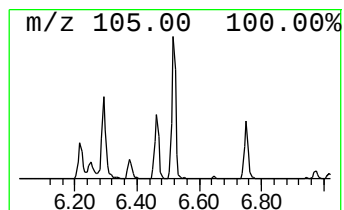
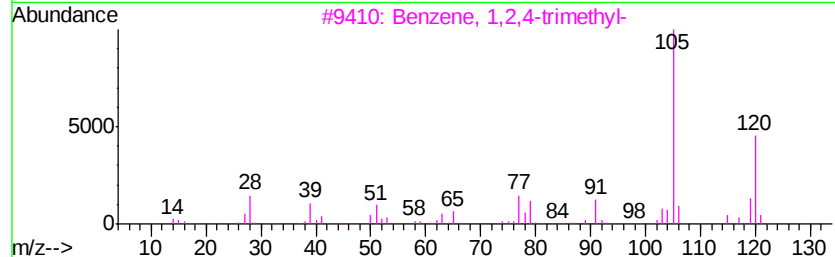
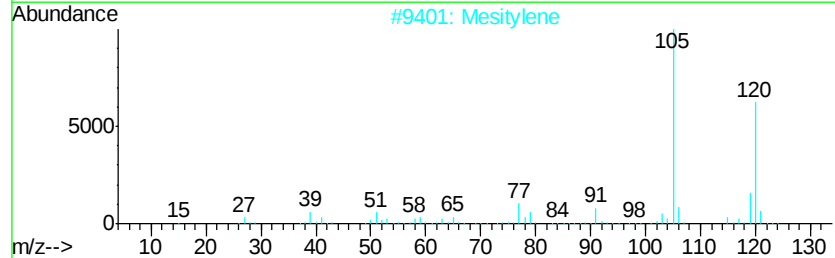
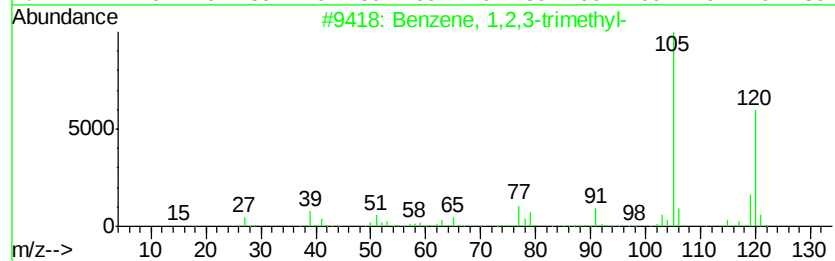
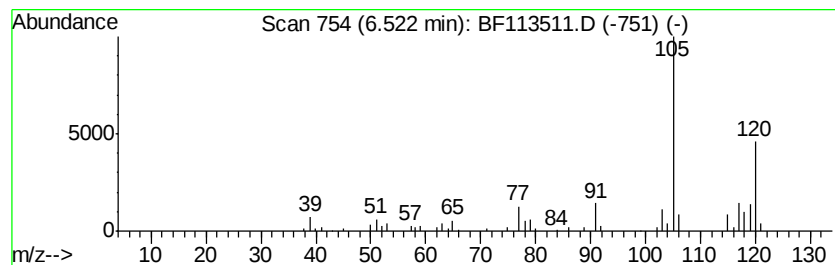
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	2.83 ng	100954	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

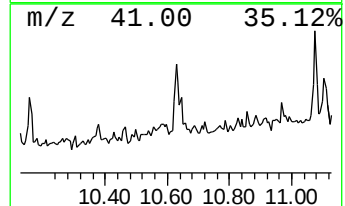
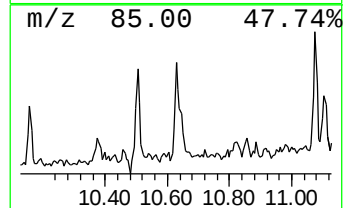
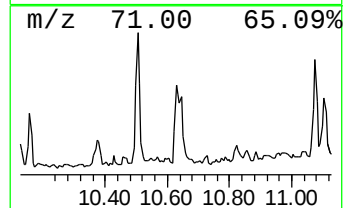
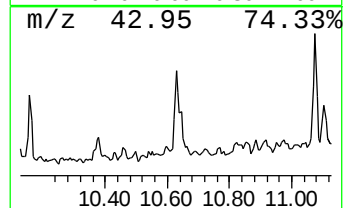
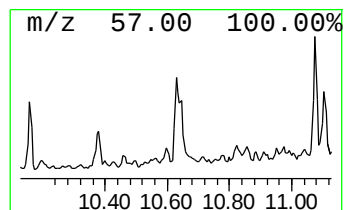
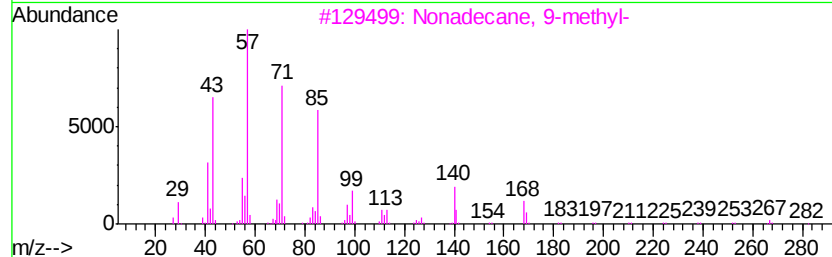
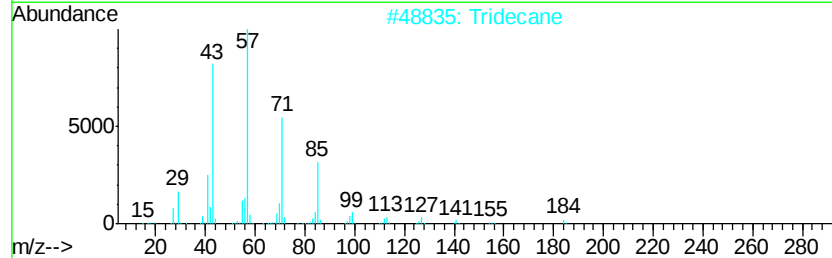
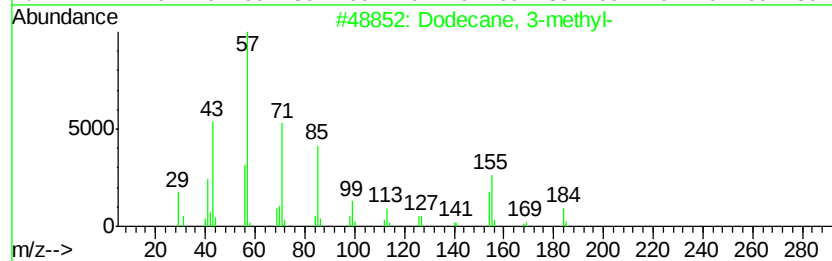
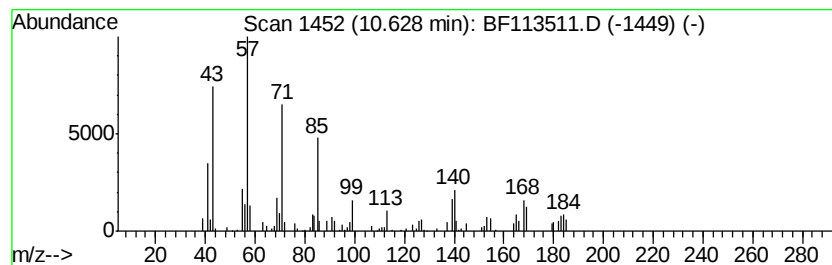
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.63	2.00 ng	96976	Phenanthrene-d10		11.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Octacosane	394	C28H58	000630-02-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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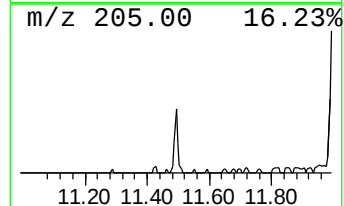
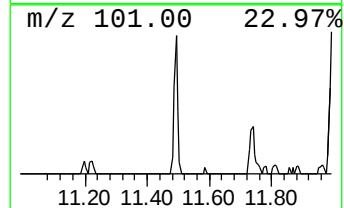
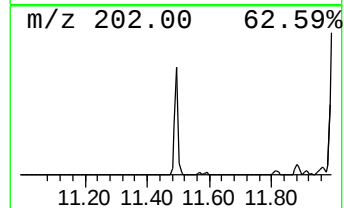
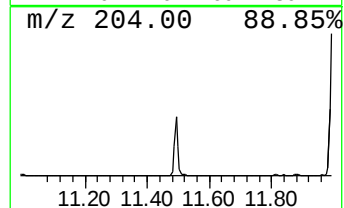
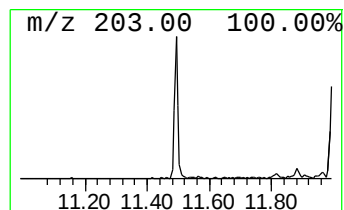
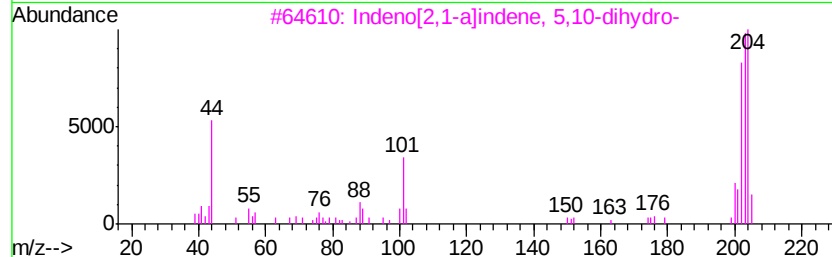
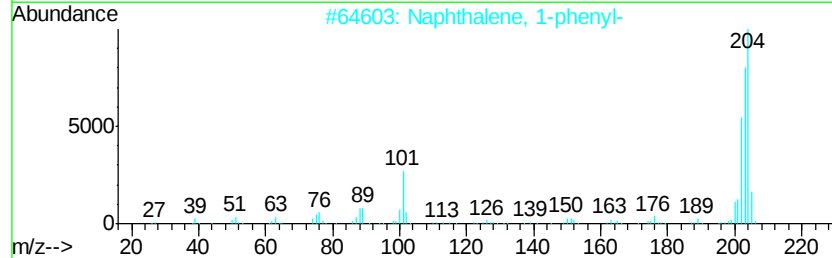
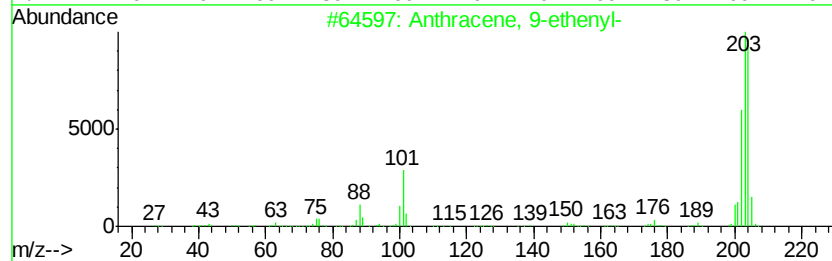
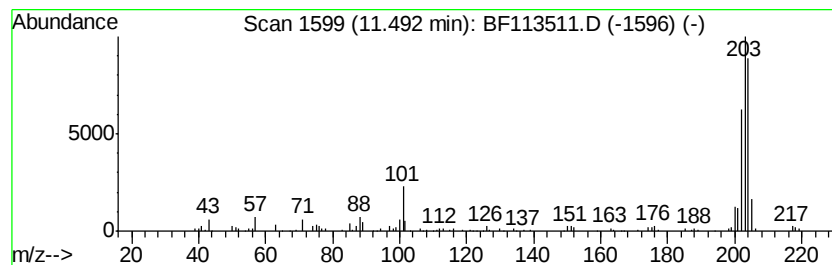
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 9-ethenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.68 ng	129673	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	78
4			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5			Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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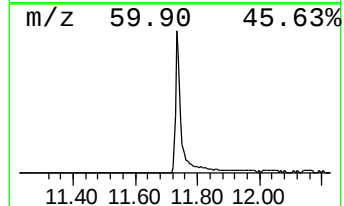
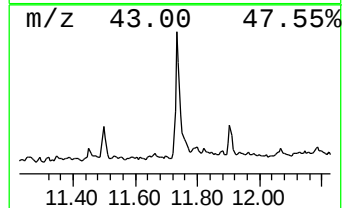
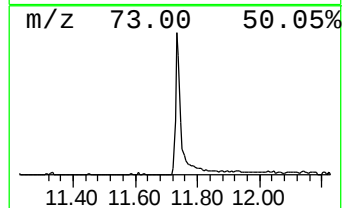
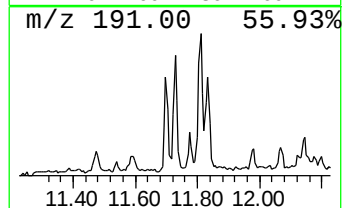
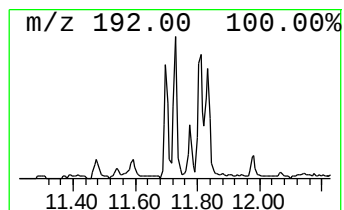
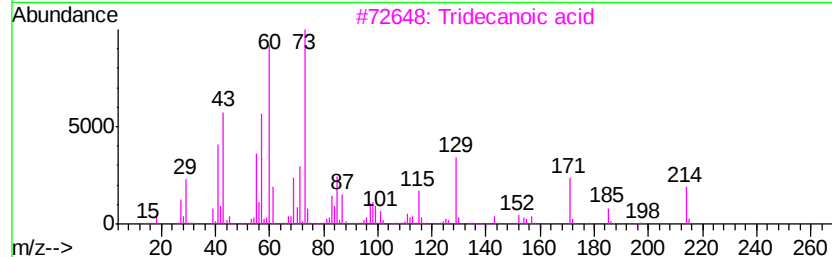
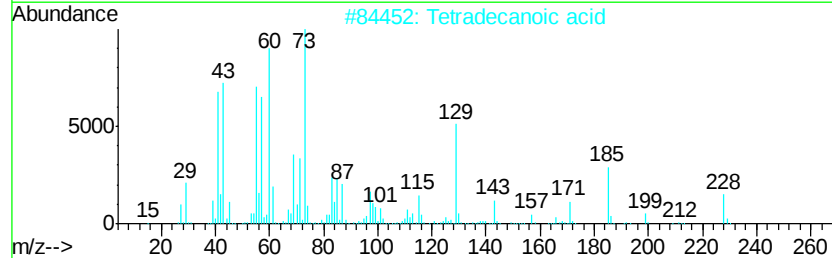
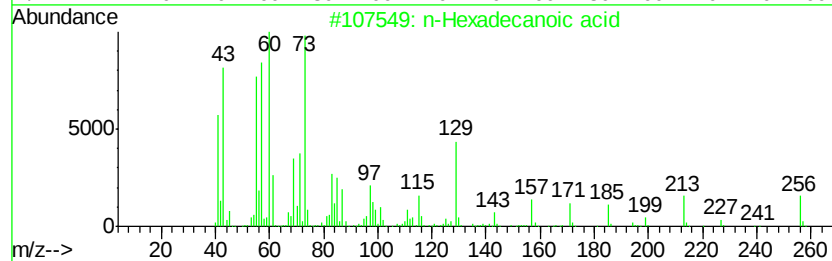
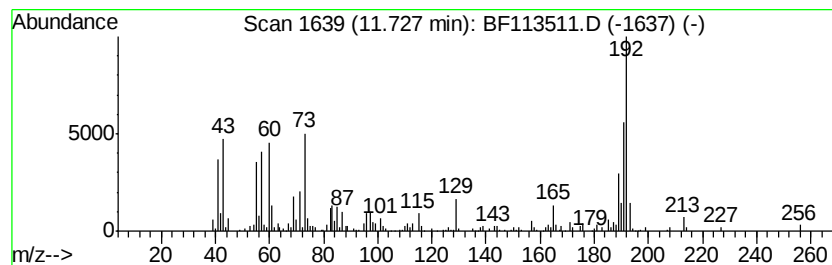
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.64 ng	369591	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Sample : K2190-01
Misc :
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Instrument :
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ClientSampleId :
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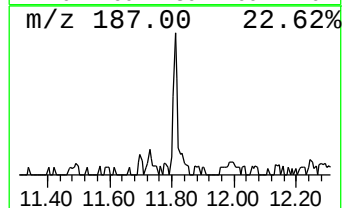
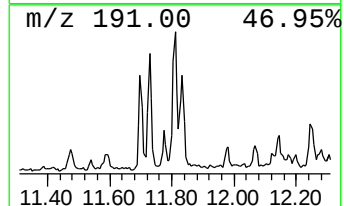
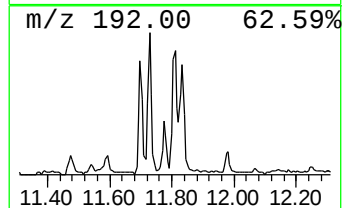
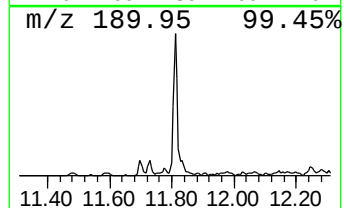
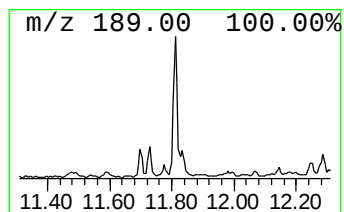
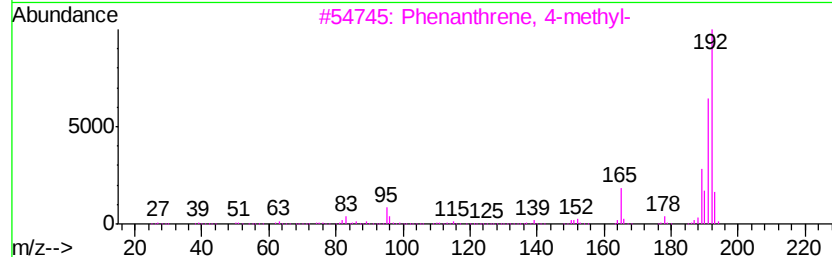
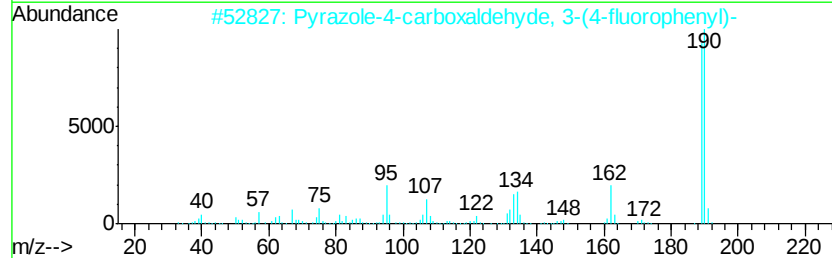
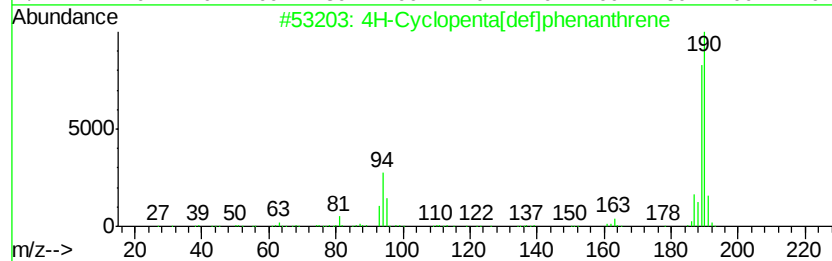
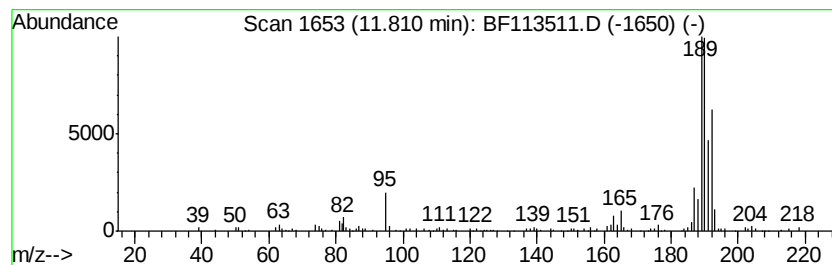
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.69 ng	178470	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
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Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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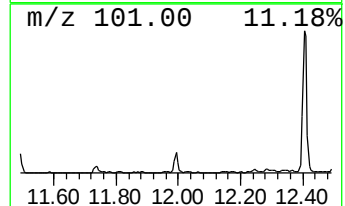
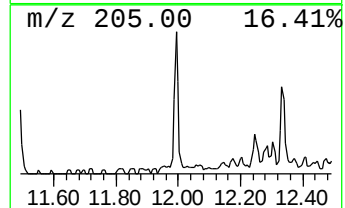
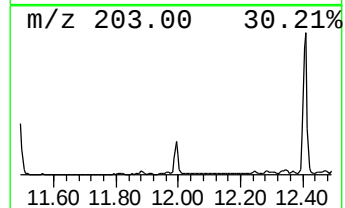
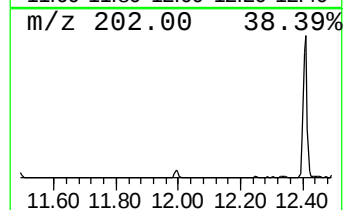
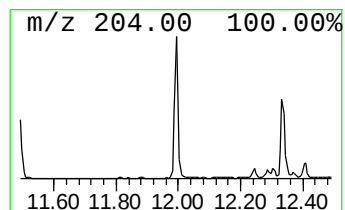
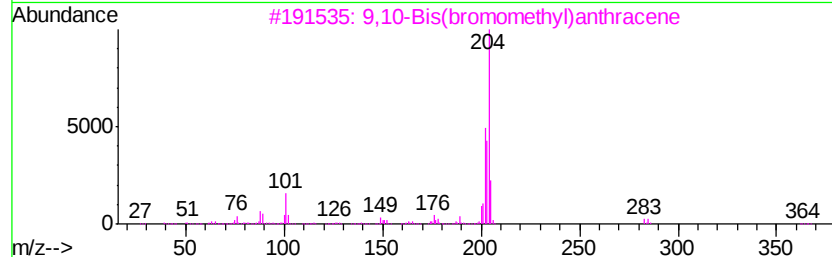
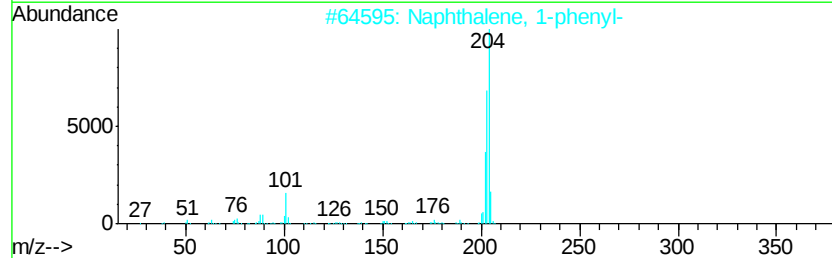
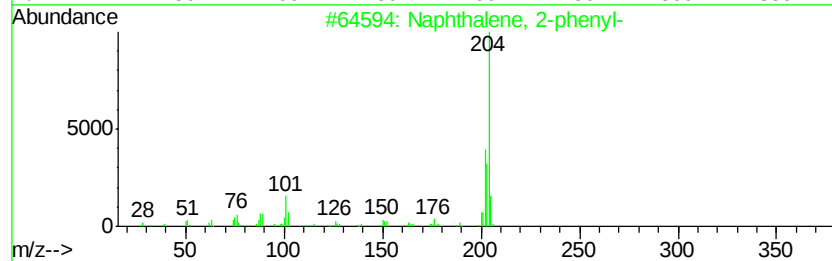
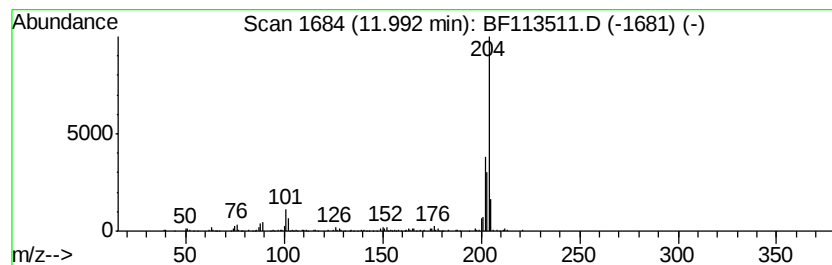
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.88 ng	139562	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	59
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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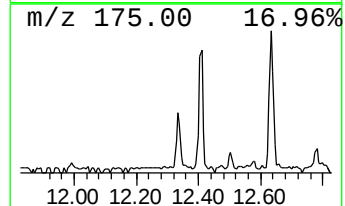
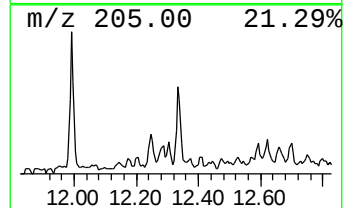
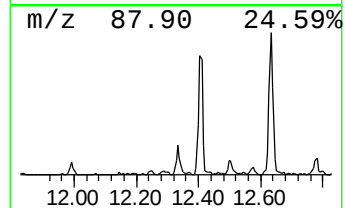
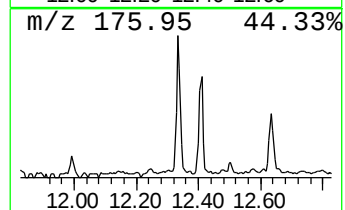
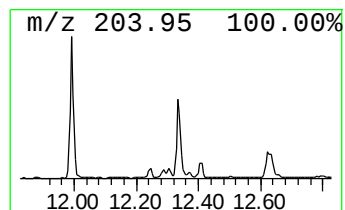
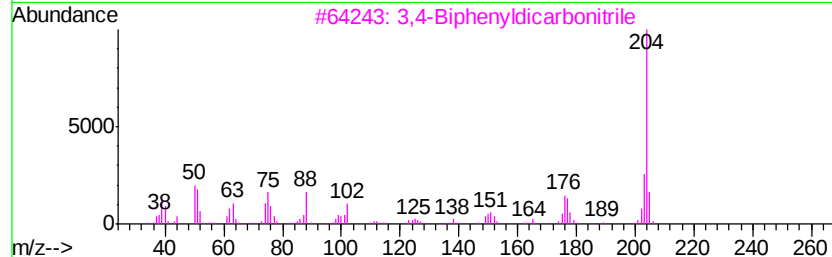
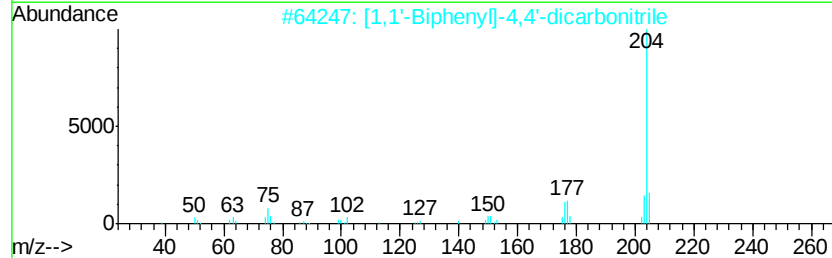
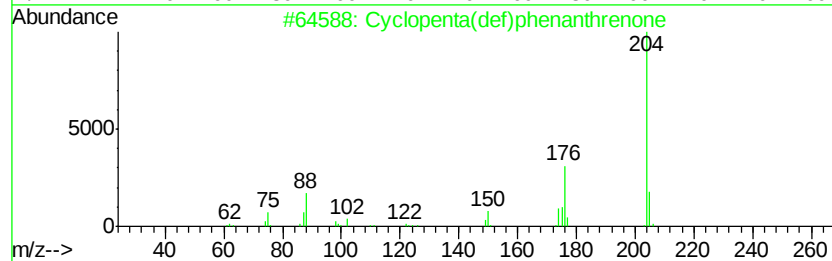
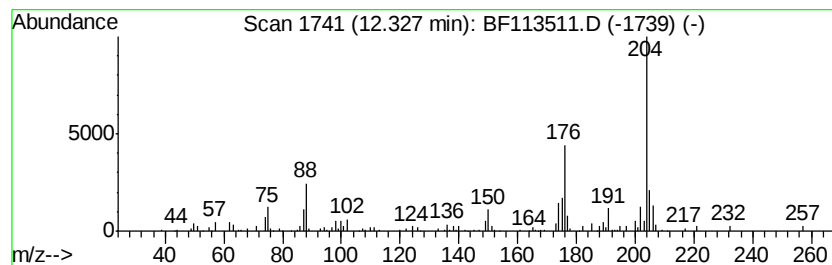
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.16 ng	104289	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49



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Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

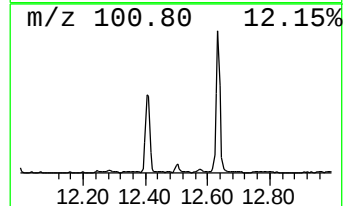
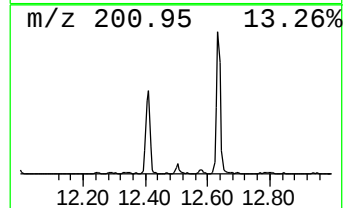
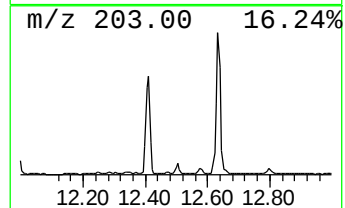
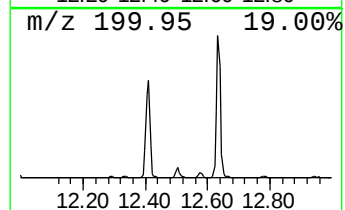
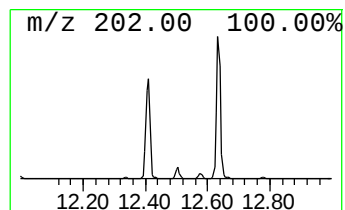
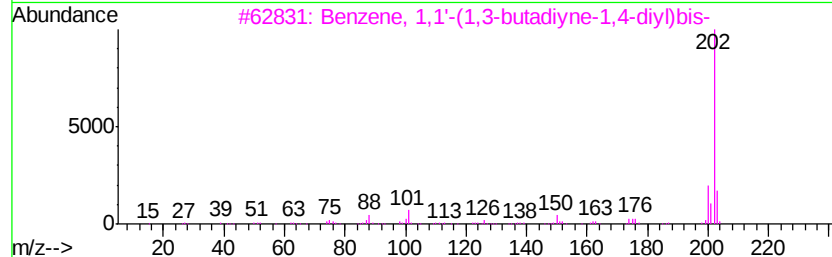
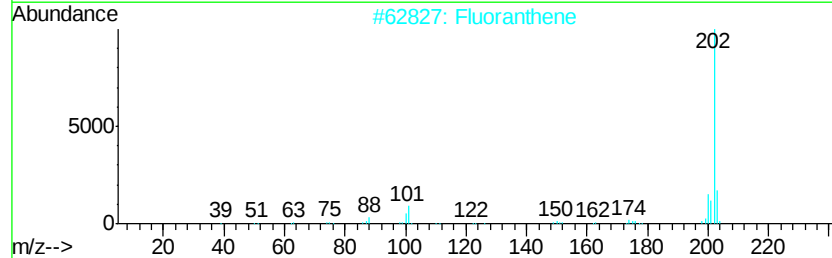
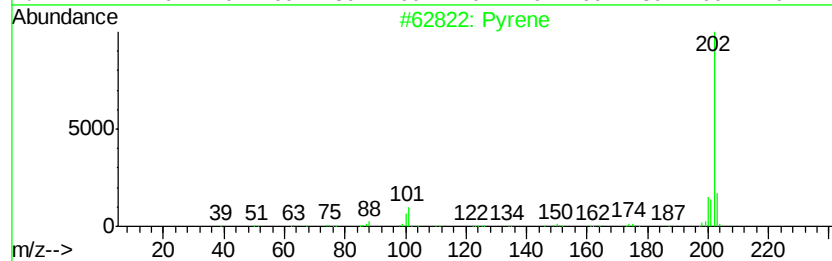
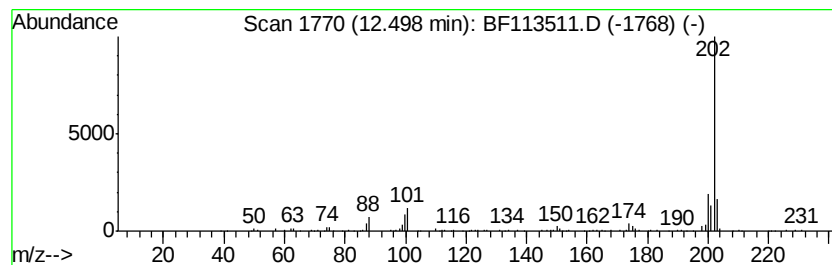
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	4.94 ng	239002	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	96
2	Fluoranthene	202	C16H10	000206-44-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	l-Leucine, N-methyl-N-(2-methoxy...	485	C28H55NO5	1000328-55-1	38
5	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
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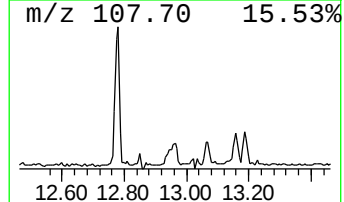
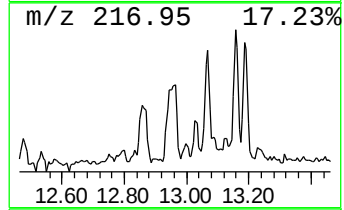
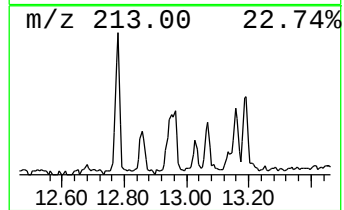
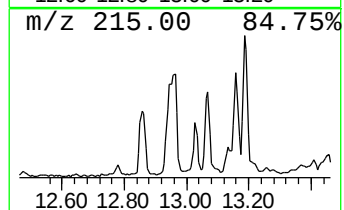
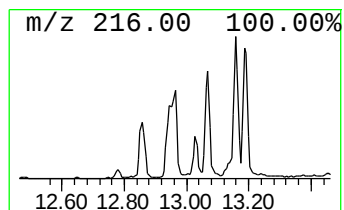
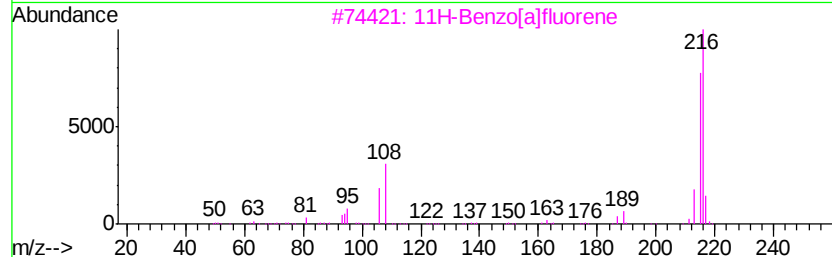
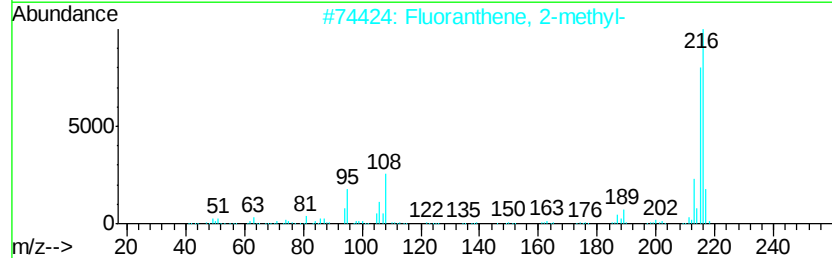
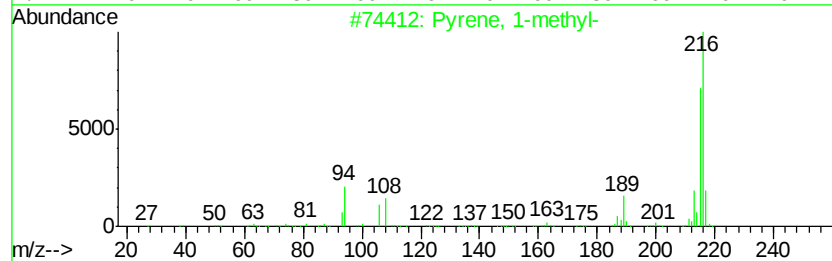
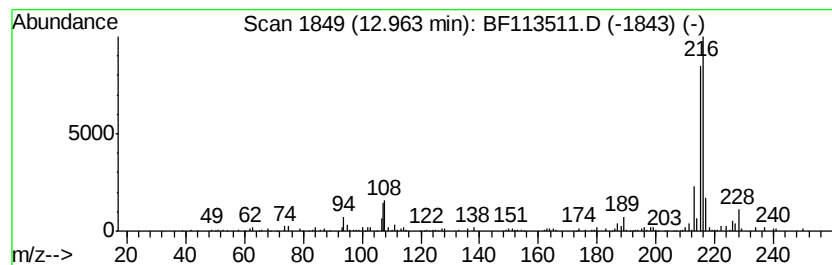
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.46 ng	176953	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
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Instrument :
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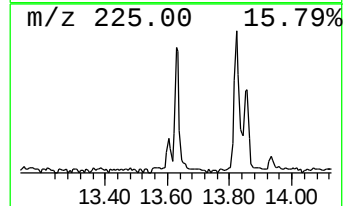
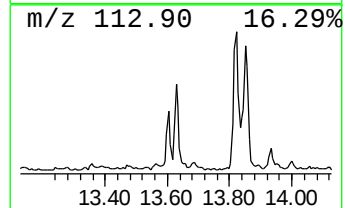
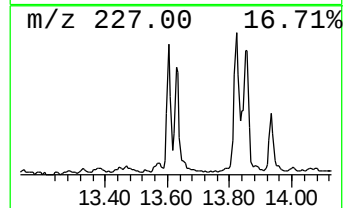
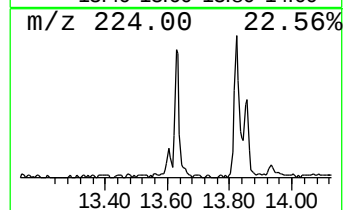
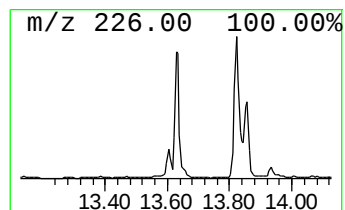
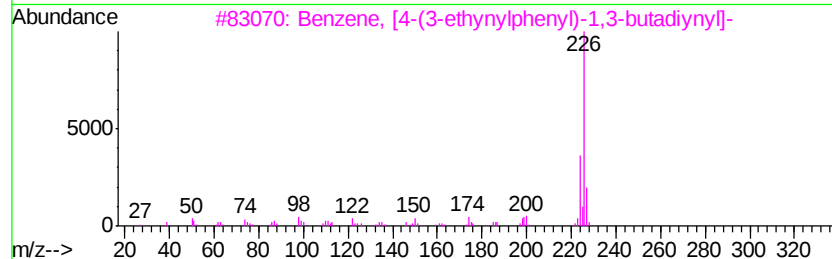
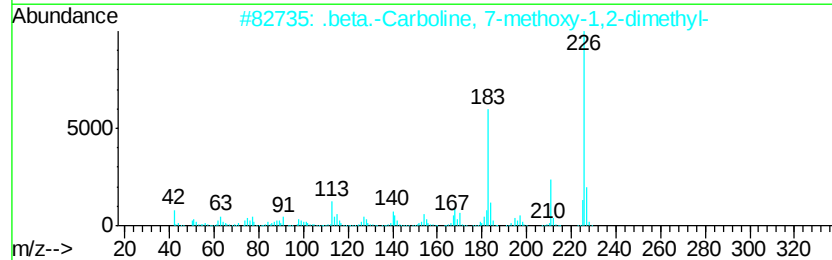
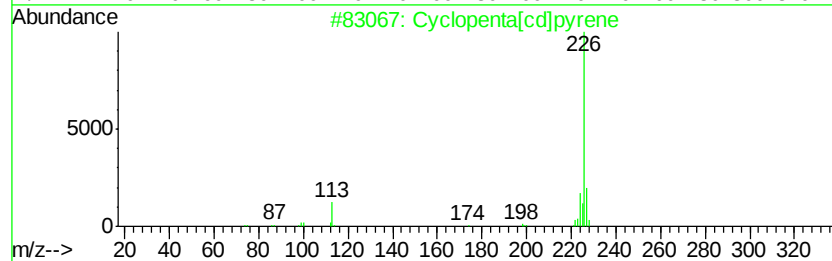
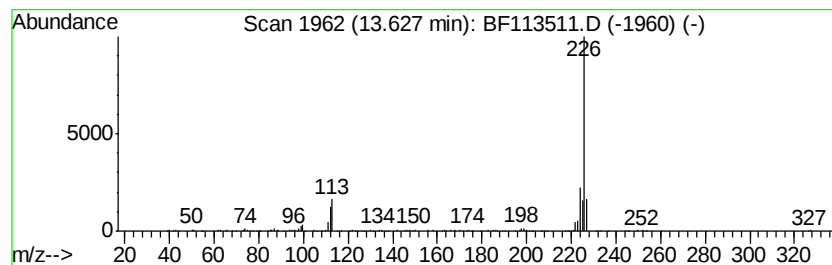
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.09 ng	150158	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
4		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
5		4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
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Misc :
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ClientSampleId :
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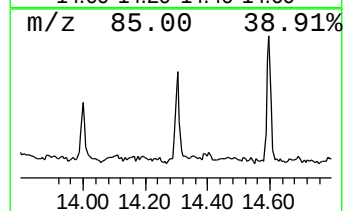
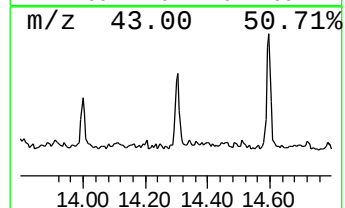
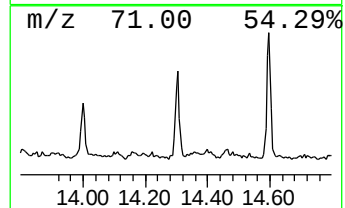
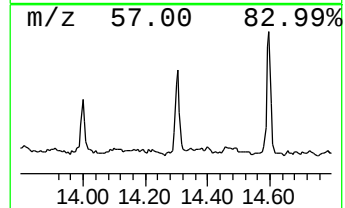
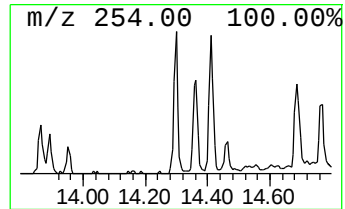
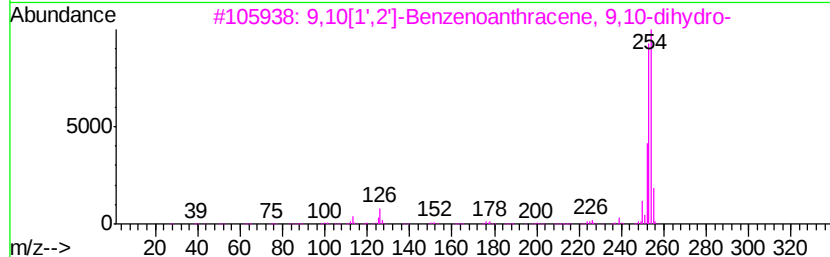
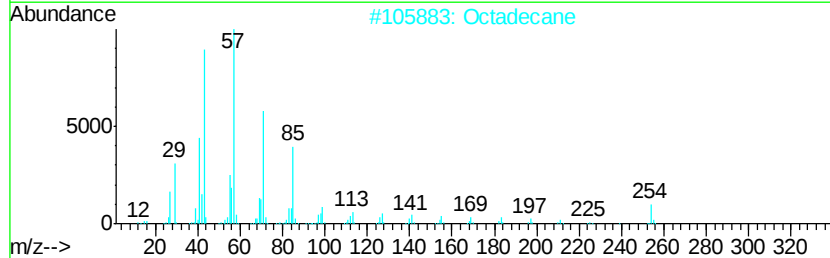
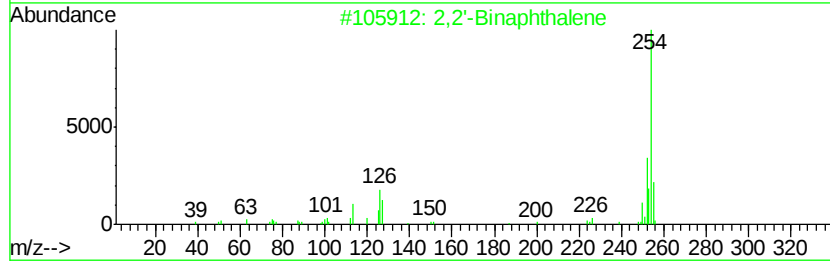
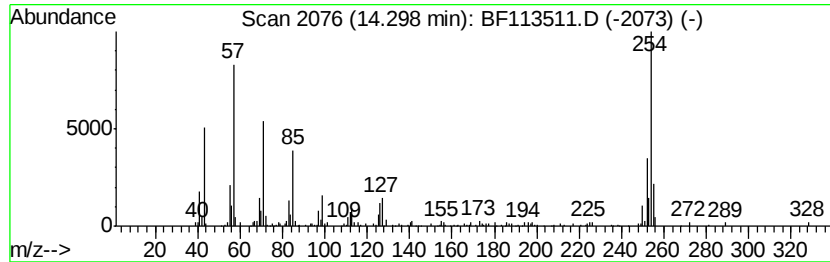
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,2'-Binaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.11 ng	151894	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-Binaphthalene	254	C20H14	000612-78-2	89
2			Octadecane	254	C18H38	000593-45-3	58
3			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58
4			Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	55
5			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
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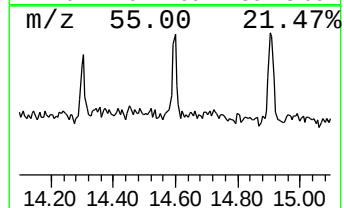
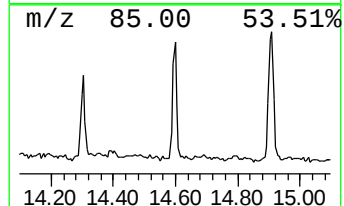
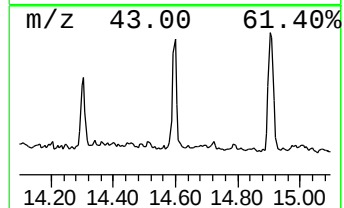
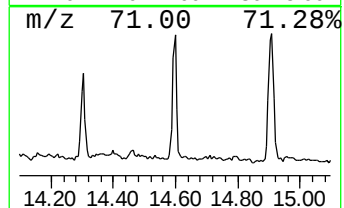
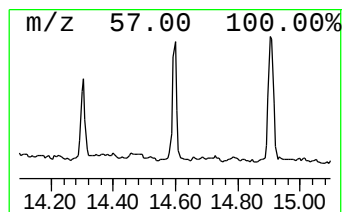
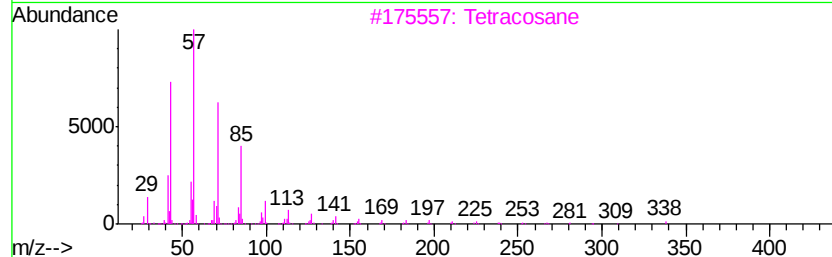
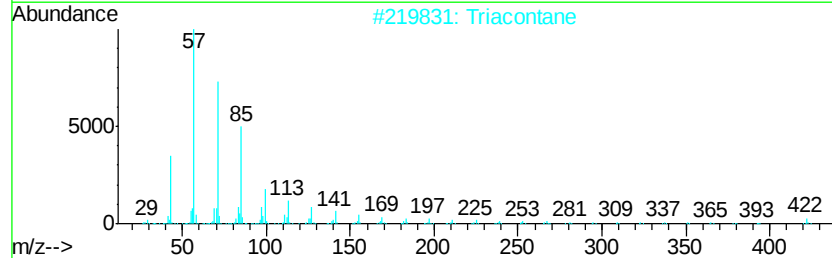
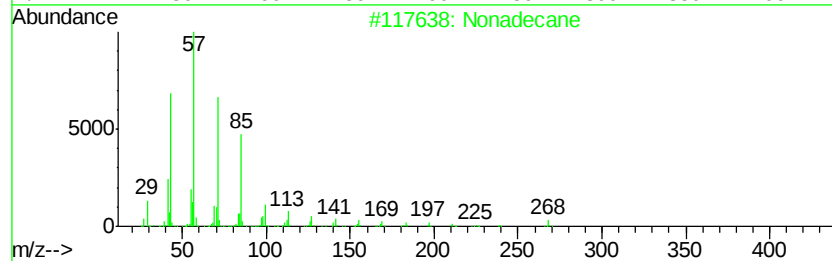
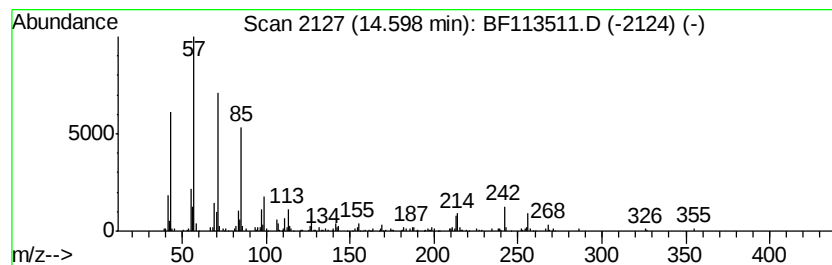
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.15 ng	152134	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	74
2			Triacotane	422	C30H62	000638-68-6	72
3			Tetracosane	338	C24H50	000646-31-1	72
4			Octacosane	394	C28H58	000630-02-4	72
5			Heptadecane	240	C17H36	000629-78-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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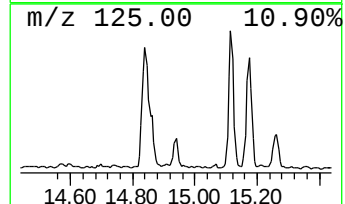
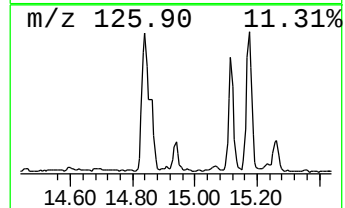
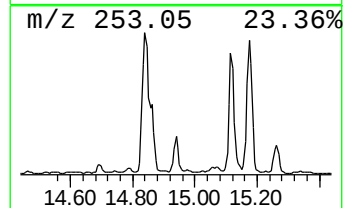
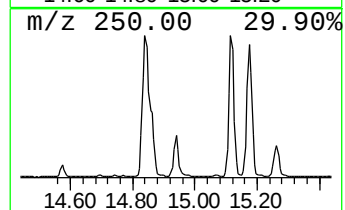
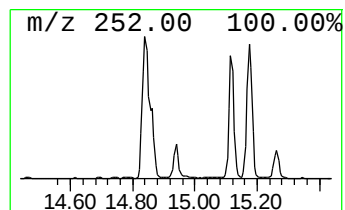
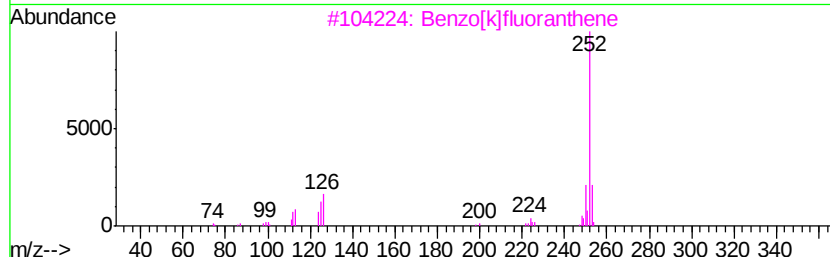
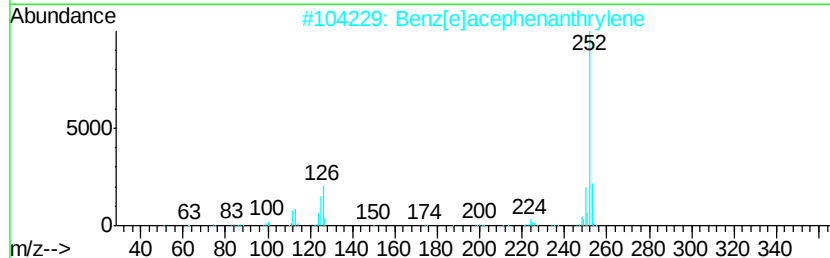
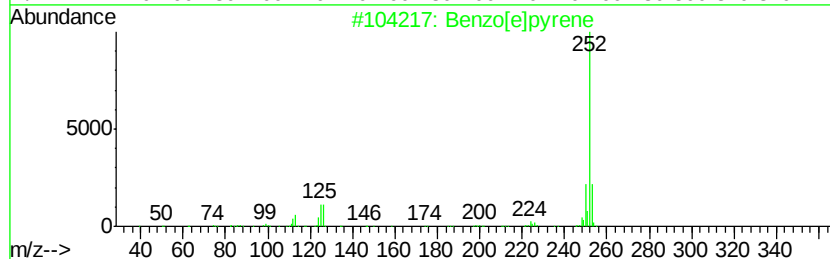
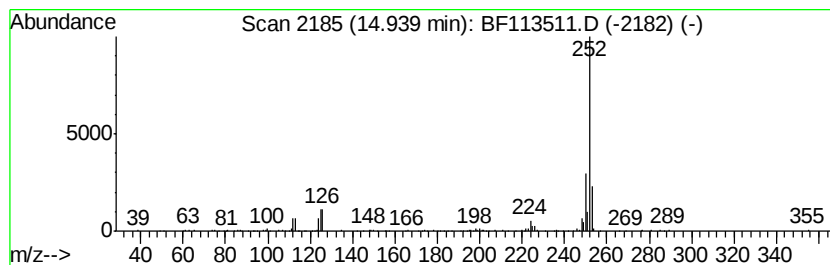
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.63 ng	127093	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
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ClientSampleId :
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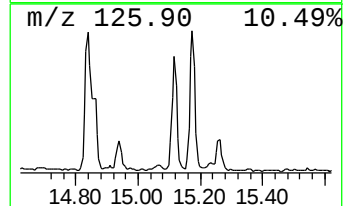
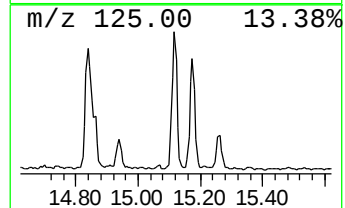
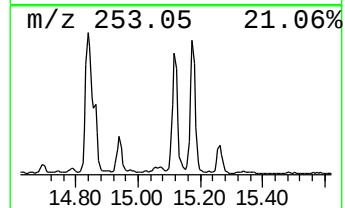
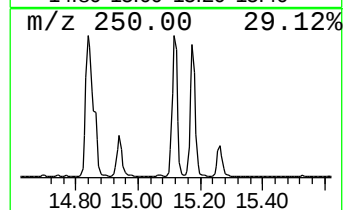
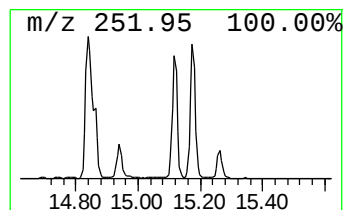
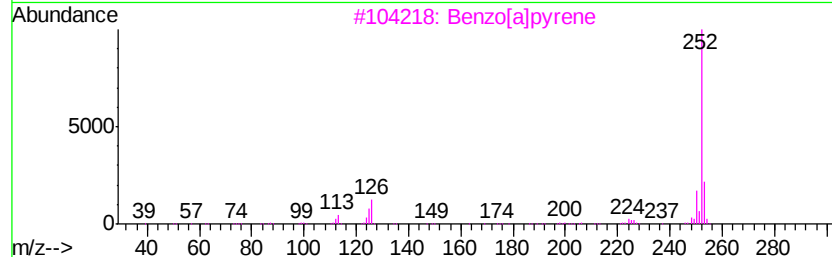
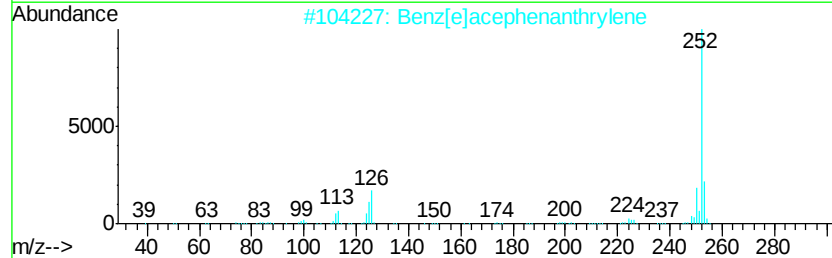
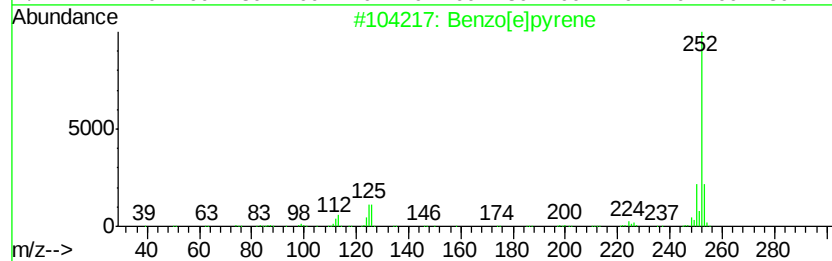
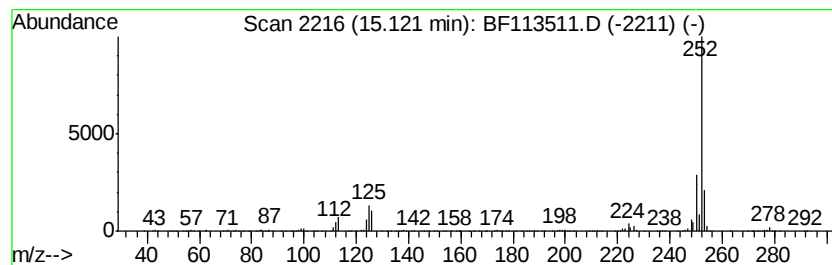
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[e]acephenanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	11.64 ng	562259	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VN-SP-1

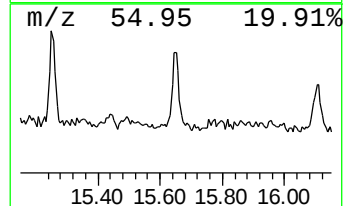
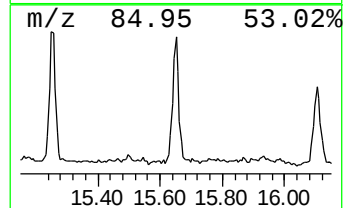
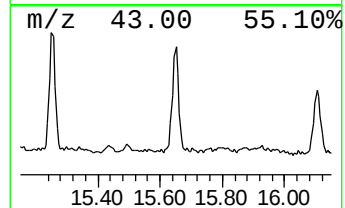
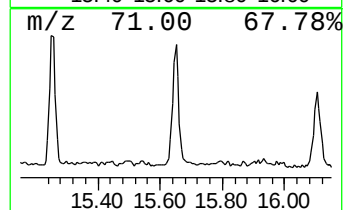
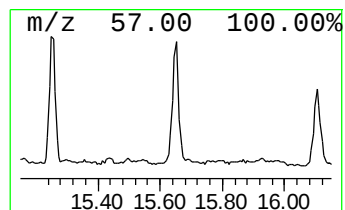
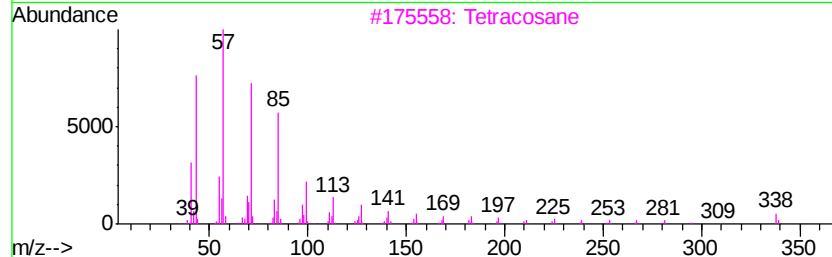
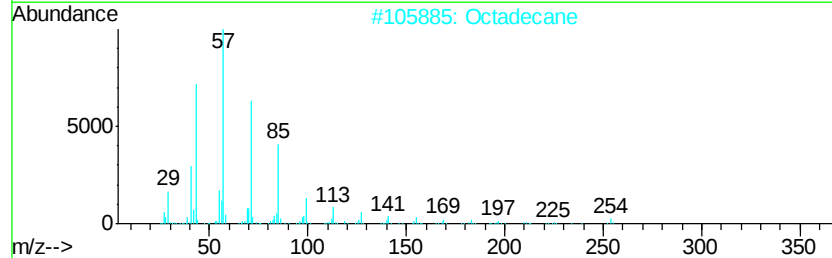
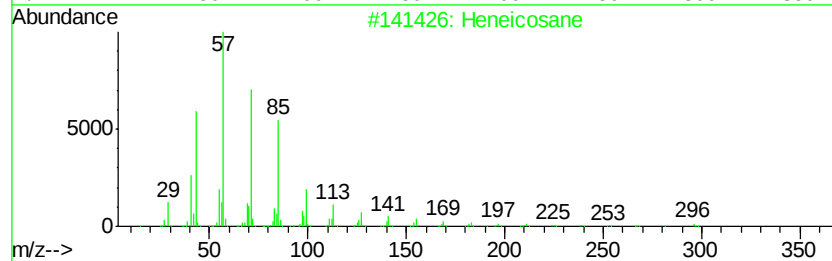
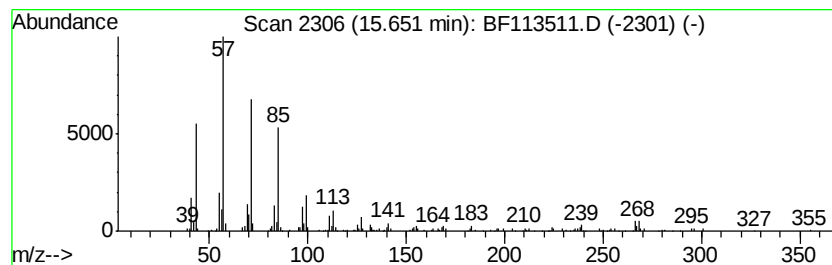
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.02 ng	194259	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	99
2			Octadecane	254	C18H38	000593-45-3	90
3			Tetracosane	338	C24H50	000646-31-1	86
4			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113511.D
Acq On : 2 Apr 2019 17:50
Operator : JU/SJ
Sample : K2190-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VN-SP-1

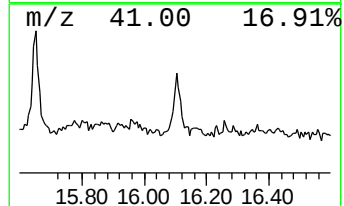
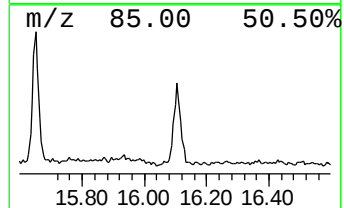
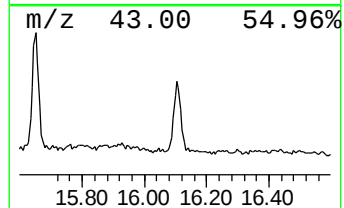
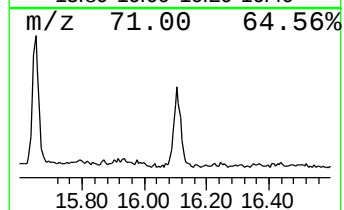
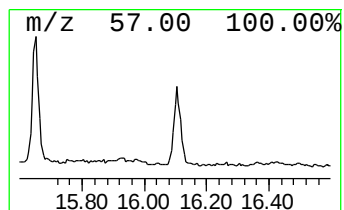
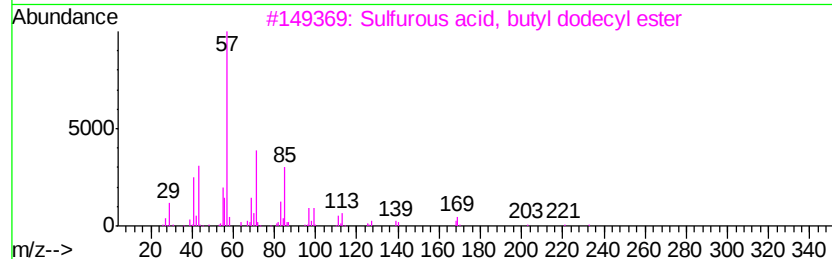
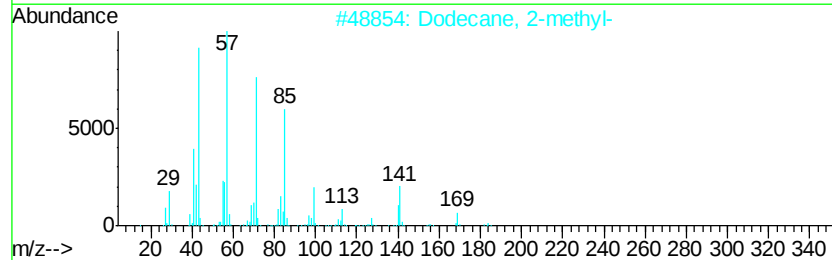
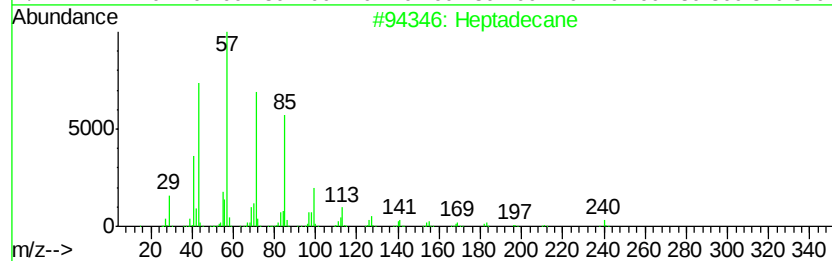
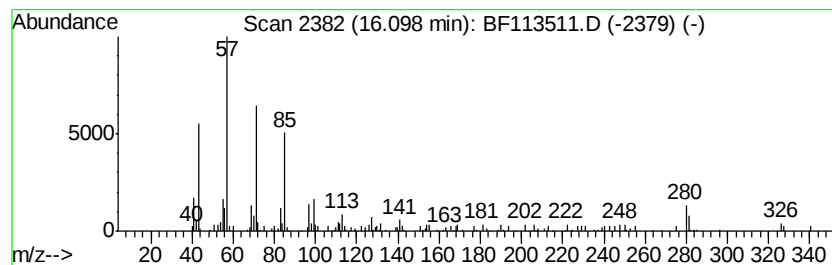
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.75 ng	133041	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113511.D
 Acq On : 2 Apr 2019 17:50
 Operator : JU/SJ
 Sample : K2190-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
1,3,5-Cycloheptat...	3.63	2.5	ng	91026	1	6.69	713500	20.0
p-Xylene	5.52	3.0	ng	105788	1	6.69	713500	20.0
unknown6.46	6.46	70.9	ng	2528430	1	6.69	713500	20.0
Benzene, 1,2,3-tr...	6.52	2.8	ng	100954	1	6.69	713500	20.0
Dodecane, 3-methyl-	10.63	2.0	ng	96976	4	11.20	967639	20.0
Anthracene, 9-eth...	11.49	2.7	ng	129673	4	11.20	967639	20.0
n-Hexadecanoic acid	11.73	7.6	ng	369591	4	11.20	967639	20.0
4H-Cyclopenta[def...	11.81	3.7	ng	178470	4	11.20	967639	20.0
Naphthalene, 2-ph...	11.99	2.9	ng	139562	4	11.20	967639	20.0
Cyclopenta(def)ph...	12.33	2.2	ng	104289	4	11.20	967639	20.0
Benzene, 1,1'-(1,...	12.50	4.9	ng	239002	4	11.20	967639	20.0
Pyrene, 1-methyl-	12.96	2.5	ng	176953	5	13.83	1437890	20.0
Cyclopenta[cd]pyrene	13.63	2.1	ng	150158	5	13.83	1437890	20.0
2,2'-Binaphthalene	14.30	2.1	ng	151894	5	13.83	1437890	20.0
Nonadecane	14.60	3.1	ng	152134	6	15.23	966286	20.0
Benzo[e]pyrene	14.94	2.6	ng	127093	6	15.23	966286	20.0
Benz[e]acephenant...	15.12	11.6	ng	562259	6	15.23	966286	20.0
Heneicosane	15.65	4.0	ng	194259	6	15.23	966286	20.0
Heptadecane	16.10	2.8	ng	133041	6	15.23	966286	20.0