

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF108994.D
 Acq On : 14 Sep 2018 15:03
 Operator : JU/SJ
 Sample : J4898-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF02-COMP-FILL

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-BF091418.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	3.690	221	230	237	rBV	219051	318956	6.56%	0.321%
2	5.325	504	508	511	rVB	1153700	1282428	26.36%	1.289%
3	6.348	678	682	689	rVB	1844307	1793725	36.87%	1.803%
4	6.484	701	705	713	rVB	1937432	1695832	34.85%	1.704%
5	6.548	713	716	718	rBV2	289965	253922	5.22%	0.255%
6	6.719	741	745	748	rBV	1014437	789511	16.23%	0.793%
7	6.872	768	771	774	rBV	1360050	1239345	25.47%	1.246%
8	6.978	784	789	793	rBV	1109732	1075100	22.10%	1.080%
9	7.125	810	814	822	rBV	576325	535659	11.01%	0.538%
10	7.278	834	840	843	rBV	1163770	1094314	22.49%	1.100%
11	7.425	859	865	867	rBV	222300	244267	5.02%	0.245%
12	7.672	901	907	911	rVB2	214322	302968	6.23%	0.304%
13	7.754	914	921	923	rBV3	266166	324097	6.66%	0.326%
14	7.790	923	927	931	rVV	735169	749843	15.41%	0.754%
15	8.001	959	963	964	rBV	1204095	1052004	21.62%	1.057%
16	8.031	964	968	971	rVV	4752932	4865573	100.00%	4.890%
17	8.072	971	975	979	rVV	431039	398240	8.18%	0.400%
18	8.713	1080	1084	1087	rBV	1939050	1637838	33.66%	1.646%
19	8.813	1095	1101	1104	rVV	1758239	1422658	29.24%	1.430%
20	9.078	1142	1146	1149	rBV	2339224	1891998	38.89%	1.901%
21	9.172	1159	1162	1166	rVB	550460	470432	9.67%	0.473%
22	9.342	1184	1191	1195	rBV	734736	1075498	22.10%	1.081%
23	9.413	1198	1203	1205	rBV	1211363	1135653	23.34%	1.141%
24	9.436	1205	1207	1210	rVB	582742	497154	10.22%	0.500%
25	9.472	1210	1213	1215	rBV2	338426	273225	5.62%	0.275%
26	9.531	1218	1223	1225	rBV	593522	589825	12.12%	0.593%
27	9.613	1232	1237	1240	rBV	1924626	1644723	33.80%	1.653%
28	9.748	1255	1260	1263	rVV3	1388437	1416730	29.12%	1.424%
29	9.783	1263	1266	1269	rVV2	659182	645560	13.27%	0.649%
30	9.954	1288	1295	1299	rVV	1850629	1629723	33.49%	1.638%
31	9.995	1299	1302	1305	rVB	441160	352340	7.24%	0.354%
32	10.066	1310	1314	1317	rBV2	402205	537476	11.05%	0.540%
33	10.095	1317	1319	1325	rVB	402777	375133	7.71%	0.377%
34	10.160	1325	1330	1332	rBV2	390852	524493	10.78%	0.527%

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35	10.201	1335	1337	1339	rVV	390752	286903	5.90%	0.288%
36	10.242	1339	1344	1345	rVV4	178906	313071	6.43%	0.315%
37	10.266	1345	1348	1350	rVV2	316245	312056	6.41%	0.314%
38	10.295	1350	1353	1359	rVB2	2205391	2155211	44.30%	2.166%
39	10.401	1369	1371	1377	rVV4	209248	342385	7.04%	0.344%
40	10.454	1377	1380	1382	rVV	695664	590893	12.14%	0.594%
41	10.536	1387	1394	1398	rVV2	1967273	2411240	49.56%	2.423%
42	10.842	1439	1446	1449	rVV3	664516	978380	20.11%	0.983%
43	10.872	1449	1451	1454	rVV	350126	302656	6.22%	0.304%
44	10.925	1457	1460	1463	rVV	414486	408533	8.40%	0.411%
45	10.972	1466	1468	1470	rVV2	397048	410148	8.43%	0.412%
46	10.995	1470	1472	1474	rVV	356138	334304	6.87%	0.336%
47	11.042	1477	1480	1483	rVV2	265428	296589	6.10%	0.298%
48	11.083	1483	1487	1490	rVV	432155	457410	9.40%	0.460%
49	11.125	1490	1494	1500	rVB	522427	673650	13.85%	0.677%
50	11.230	1508	1512	1514	rBV	1257499	1399889	28.77%	1.407%
51	11.260	1514	1517	1520	rVV	4658100	4236297	87.07%	4.257%
52	11.307	1520	1525	1527	rVB	2228531	1886432	38.77%	1.896%
53	11.336	1527	1530	1534	rBV2	298342	351974	7.23%	0.354%
54	11.383	1534	1538	1541	rBV4	178219	251454	5.17%	0.253%
55	11.454	1548	1550	1553	rVV	555197	410487	8.44%	0.413%
56	11.730	1590	1597	1599	rBV	988210	949663	19.52%	0.954%
57	11.760	1599	1602	1607	rVV	1431994	1626466	33.43%	1.635%
58	11.807	1607	1610	1612	rVB	850696	778986	16.01%	0.783%
59	11.842	1612	1616	1618	rBV	1554945	1693278	34.80%	1.702%
60	11.866	1618	1620	1623	rVV	800028	653992	13.44%	0.657%
61	12.025	1644	1647	1652	rVB	577801	547875	11.26%	0.551%
62	12.277	1684	1690	1693	rBV	593801	837424	17.21%	0.842%
63	12.319	1693	1697	1698	rBV2	356870	413527	8.50%	0.416%
64	12.436	1713	1717	1721	rBV	2928291	2966791	60.98%	2.982%
65	12.530	1730	1733	1735	rBV	522632	465047	9.56%	0.467%
66	12.666	1750	1756	1761	rBV2	2620709	3214894	66.07%	3.231%
67	12.713	1761	1764	1770	rVB2	291959	463471	9.53%	0.466%
68	12.783	1772	1776	1777	rBV	356635	315692	6.49%	0.317%
69	12.813	1777	1781	1785	rVV	1956298	1945224	39.98%	1.955%
70	12.877	1786	1792	1800	rVB4	768074	1764634	36.27%	1.773%
71	12.972	1800	1808	1809	rBV4	325065	579632	11.91%	0.583%

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72	12.989	1809	1811	1814	rVB	1071879	941234	19.34%	0.946%
73	13.060	1819	1823	1825	rBV	866182	802722	16.50%	0.807%
74	13.095	1825	1829	1832	rVB2	596040	612868	12.60%	0.616%
75	13.154	1836	1839	1841	rBV2	207094	240501	4.94%	0.242%
76	13.213	1847	1849	1858	rVB2	392731	505652	10.39%	0.508%
77	13.395	1877	1880	1886	rVB3	277782	454785	9.35%	0.457%
78	13.471	1889	1893	1896	rBV3	195162	311045	6.39%	0.313%
79	13.607	1911	1916	1918	rVV4	150756	269746	5.54%	0.271%
80	13.630	1918	1920	1922	rVV	324212	289043	5.94%	0.290%
81	13.695	1925	1931	1940	rVB4	817140	2176530	44.73%	2.187%
82	13.848	1951	1957	1960	rBV3	1867352	2601486	53.47%	2.614%
83	13.877	1960	1962	1965	rVB	995677	822067	16.90%	0.826%
84	14.042	1986	1990	1992	rVB	606787	603623	12.41%	0.607%
85	14.236	2020	2023	2026	rVV	461611	484413	9.96%	0.487%
86	14.313	2031	2036	2039	rVV	973551	1708590	35.12%	1.717%
87	14.342	2039	2041	2046	rVV	1212318	1451951	29.84%	1.459%
88	14.642	2085	2092	2097	rBV	1756454	2004831	41.20%	2.015%
89	14.713	2101	2104	2107	rVV2	236312	281099	5.78%	0.283%
90	14.860	2121	2129	2136	rVB2	802414	2120012	43.57%	2.131%
91	14.960	2141	2146	2157	rVB	1700592	1994004	40.98%	2.004%
92	15.142	2173	2177	2182	rVB	295475	353482	7.26%	0.355%
93	15.201	2182	2187	2192	rVB	604004	767586	15.78%	0.771%
94	15.260	2192	2197	2200	rBV	852939	1009007	20.74%	1.014%
95	15.313	2202	2206	2212	rVB	1116199	1441732	29.63%	1.449%
96	15.436	2221	2227	2238	rVB3	273015	744937	15.31%	0.749%
97	15.718	2269	2275	2281	rBV	657102	1076539	22.13%	1.082%
98	16.183	2349	2354	2362	rVB	270773	502187	10.32%	0.505%
99	16.601	2420	2425	2434	rVB2	238616	469079	9.64%	0.471%
100	17.007	2488	2494	2502	rBV	159899	298944	6.14%	0.300%

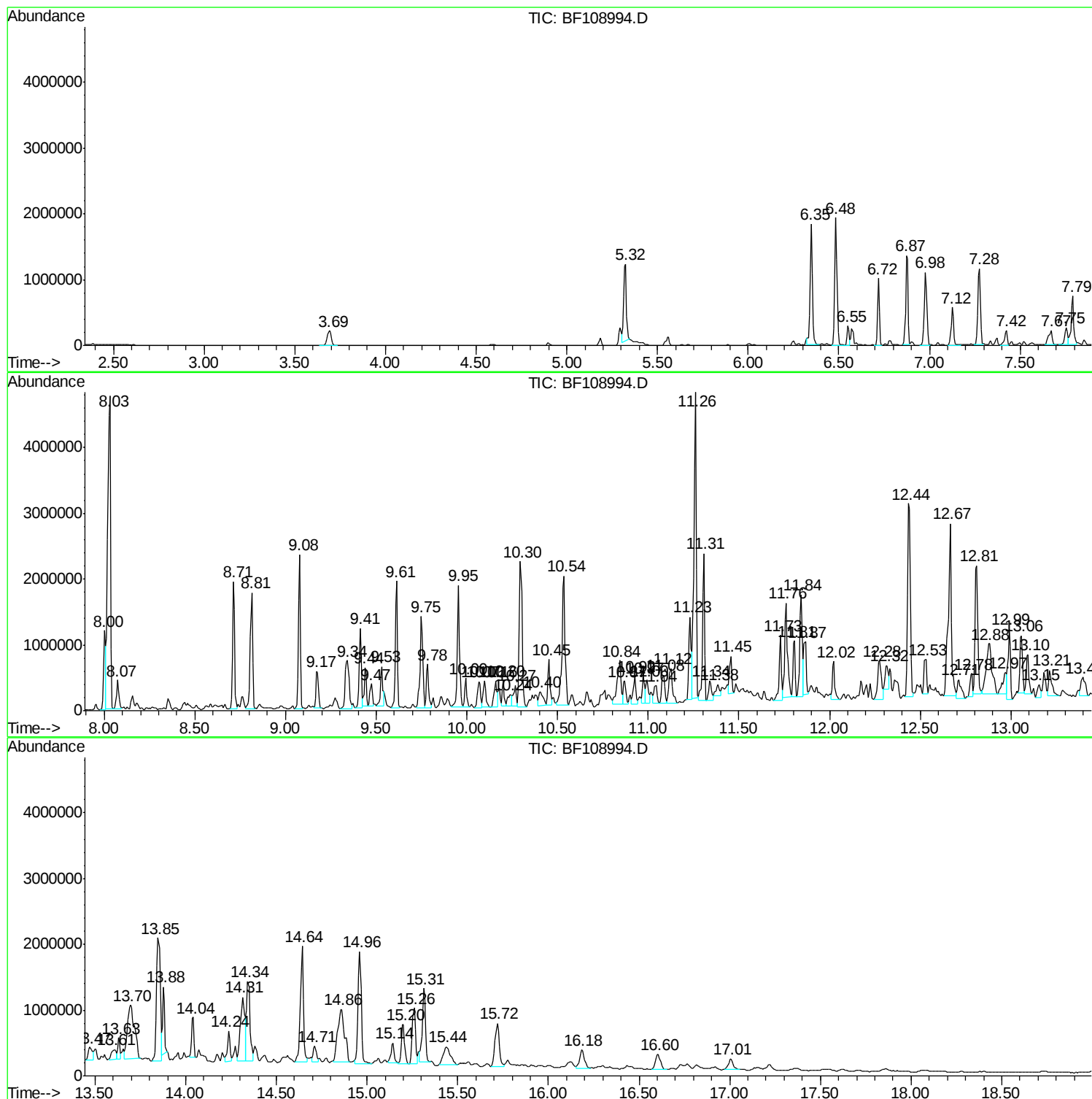
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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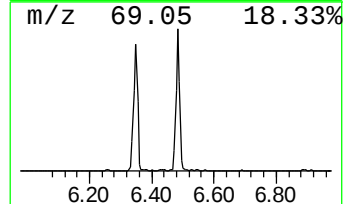
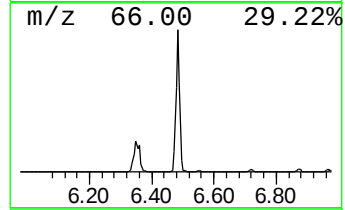
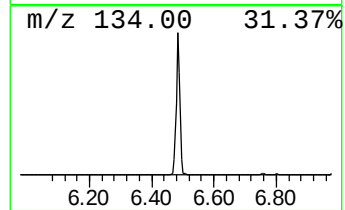
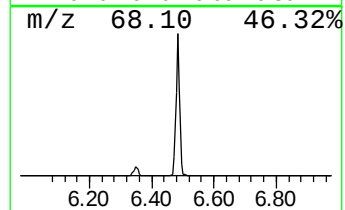
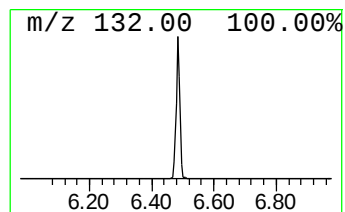
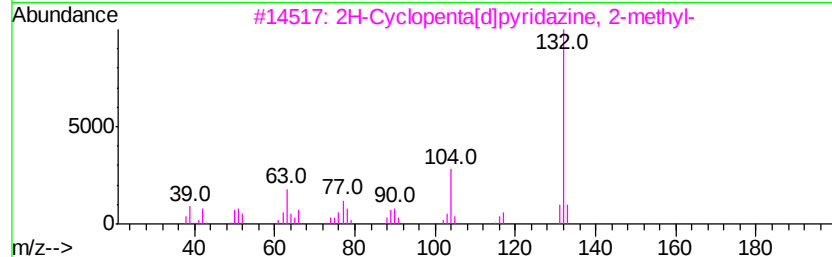
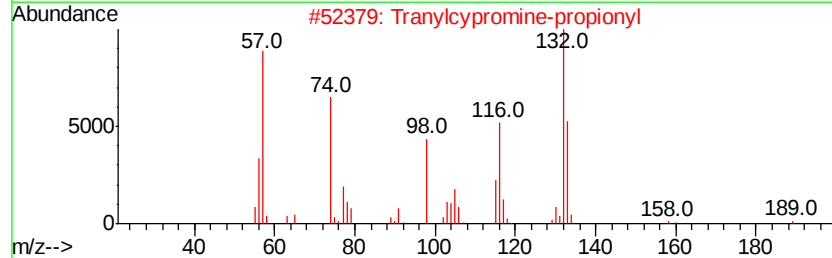
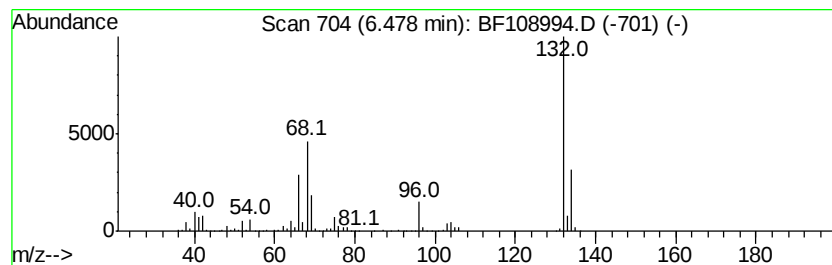
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	42.96 ng	1695830	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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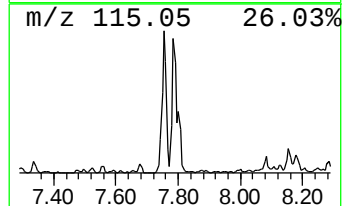
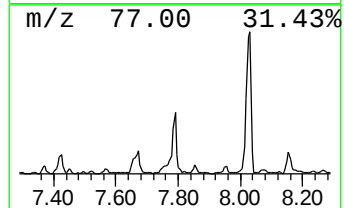
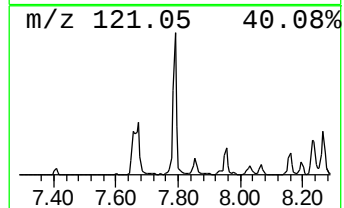
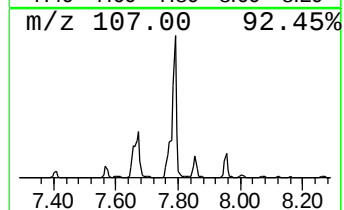
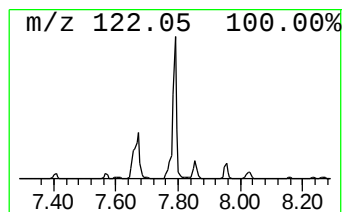
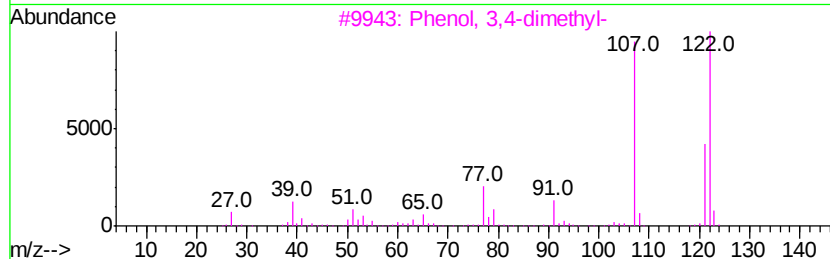
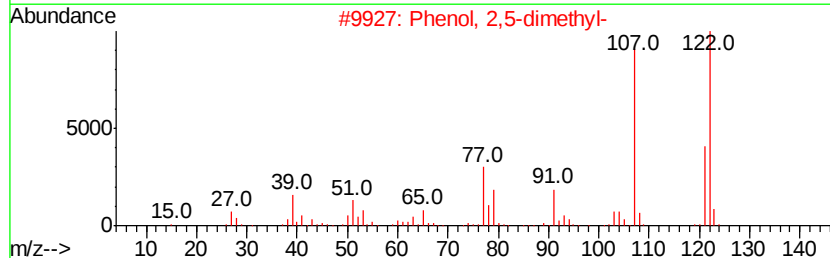
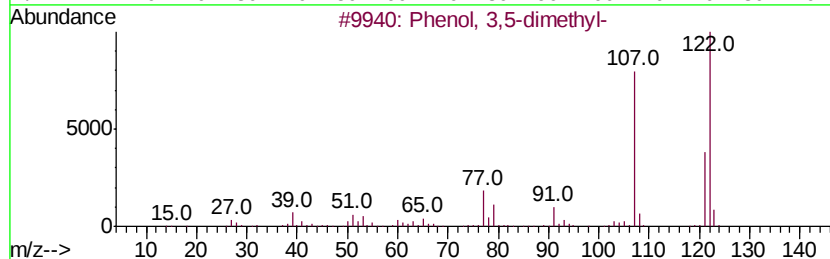
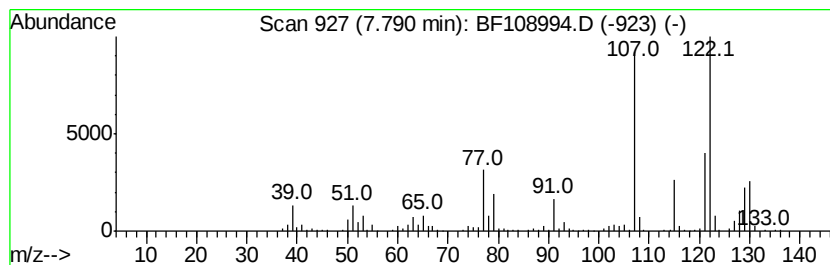
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenol, 3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	14.26 ng	749843	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	86
3		Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	70
4		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	70
5		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	70



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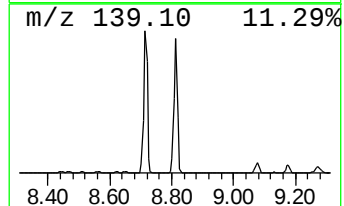
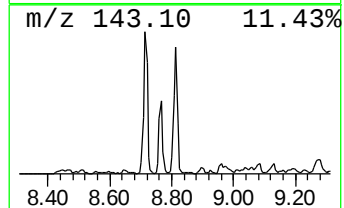
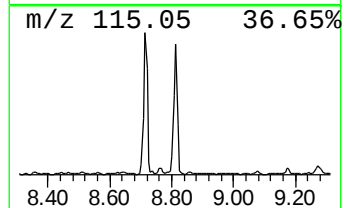
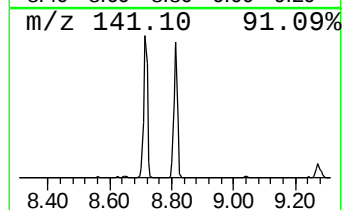
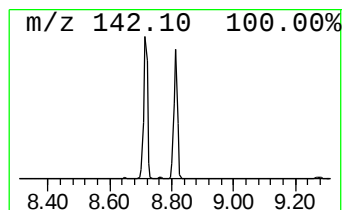
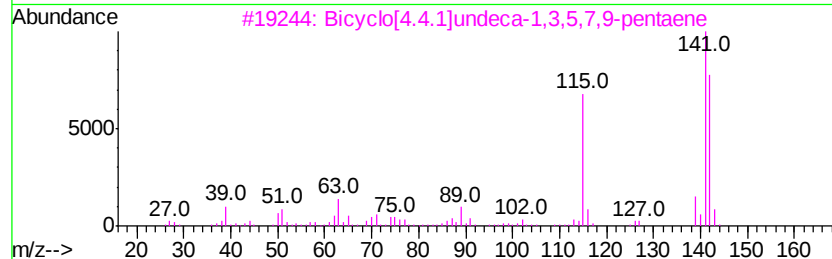
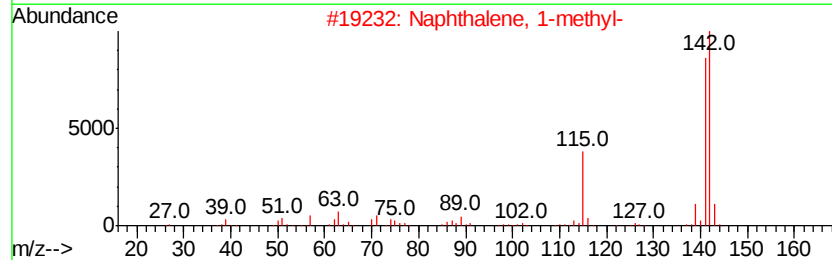
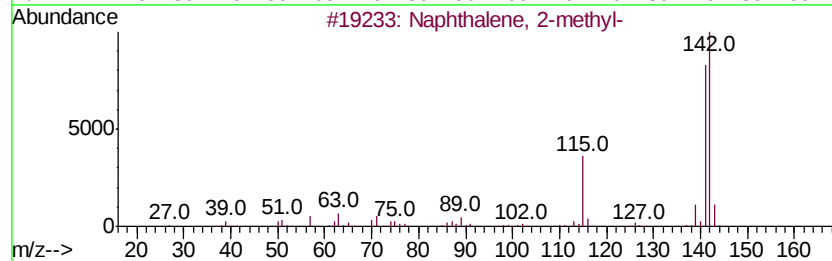
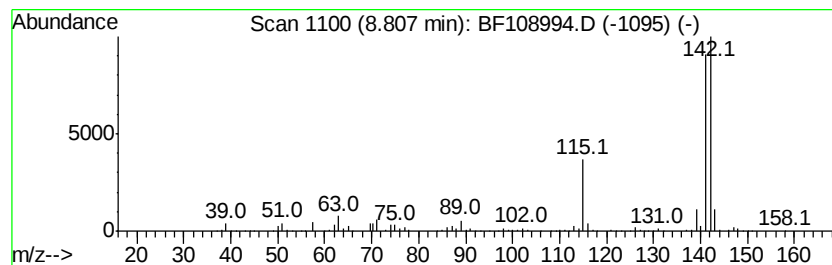
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Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	27.05 ng	1422660	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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Data File : BF108994.D
Acq On : 14 Sep 2018 15:03
Operator : JU/SJ
Sample : J4898-02
Misc :
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Instrument :
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ClientSampleId :
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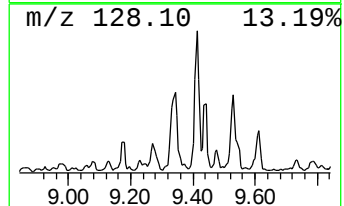
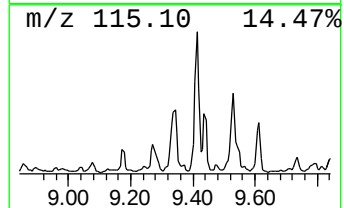
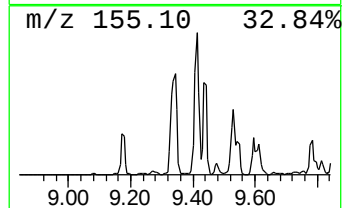
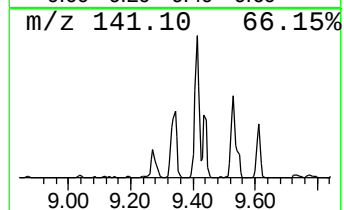
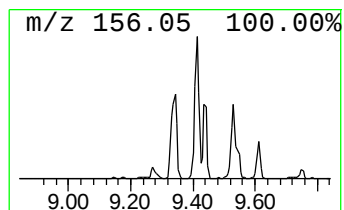
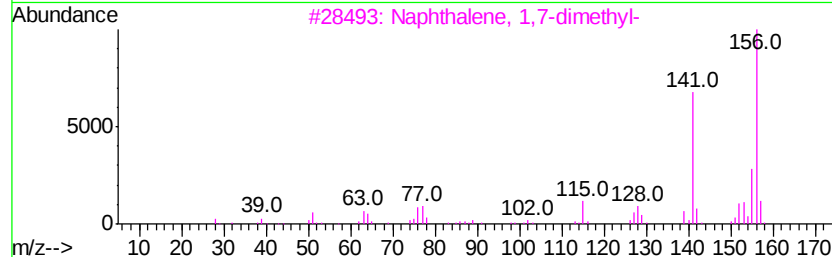
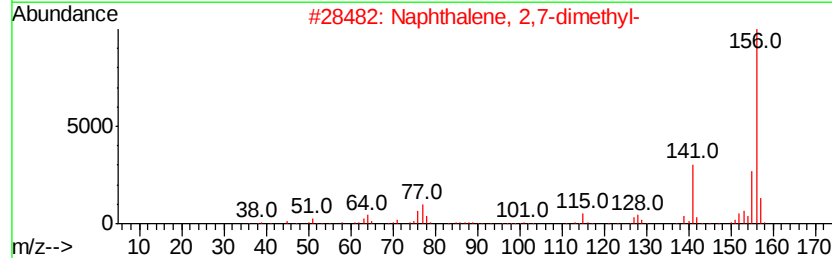
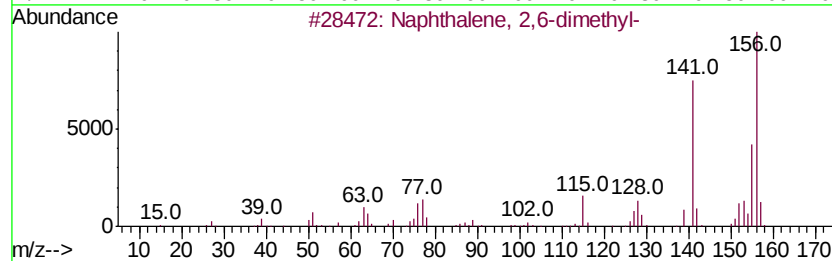
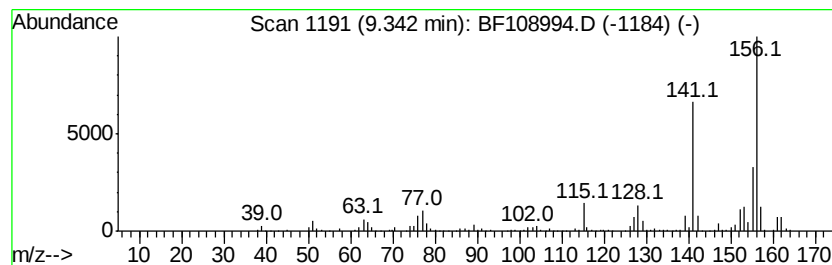
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	15.18 ng	1075500	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
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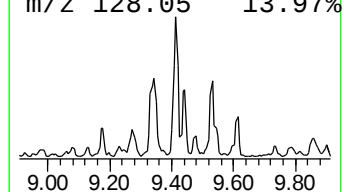
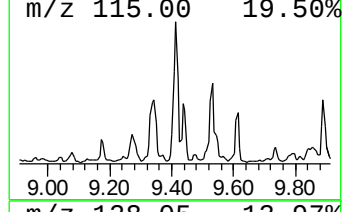
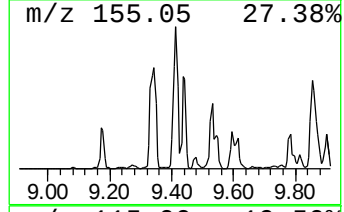
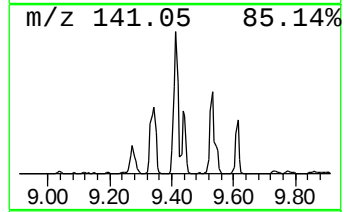
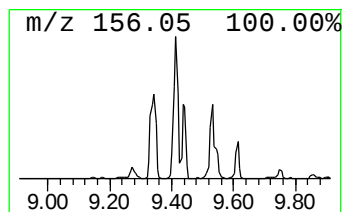
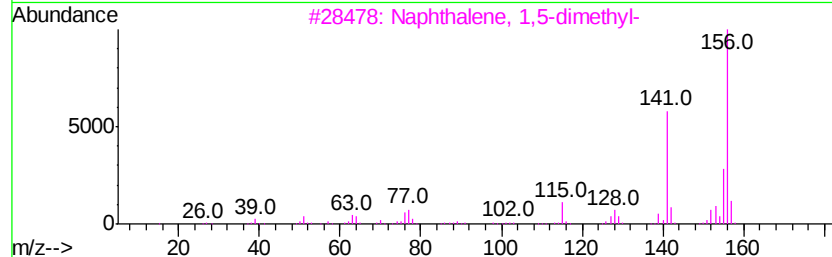
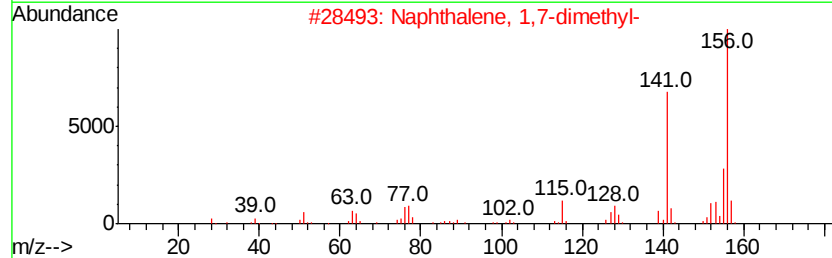
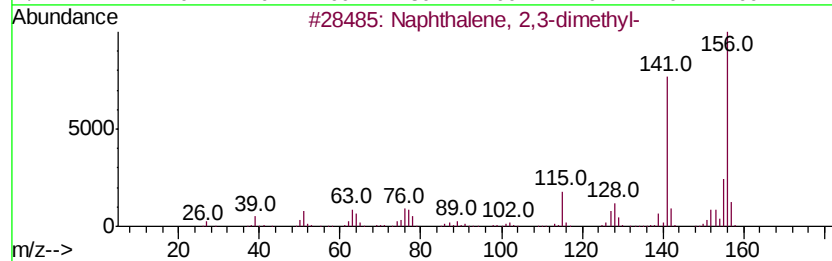
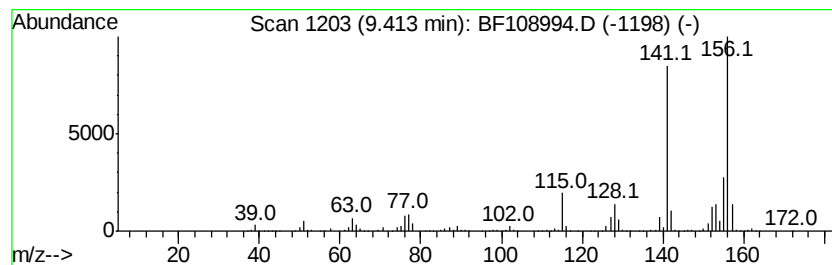
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	16.03 ng	1135650	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
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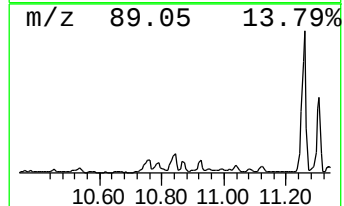
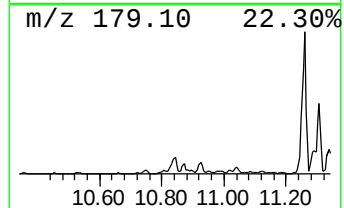
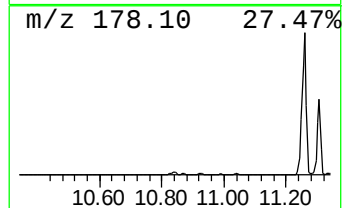
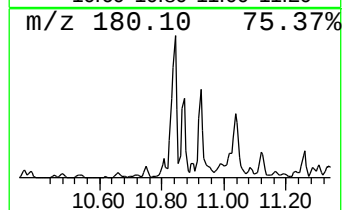
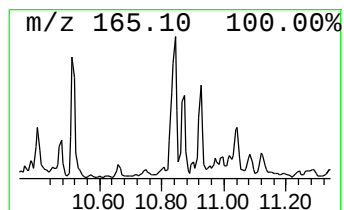
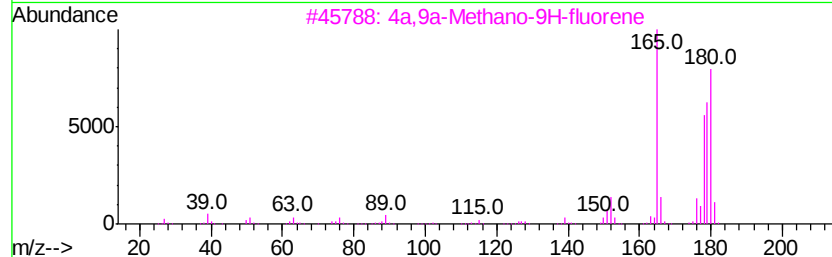
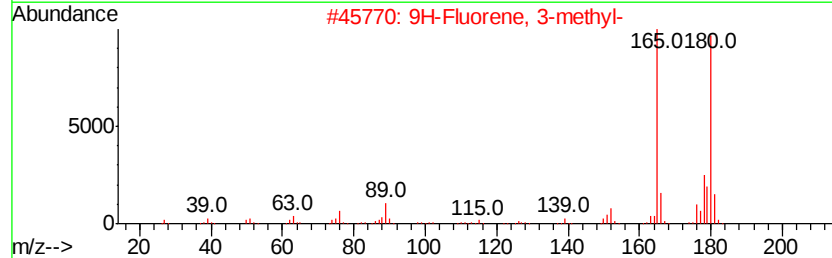
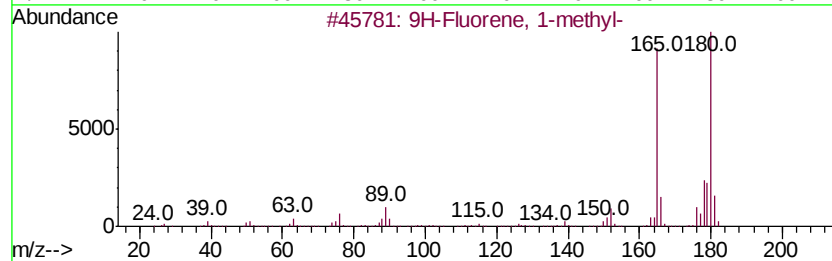
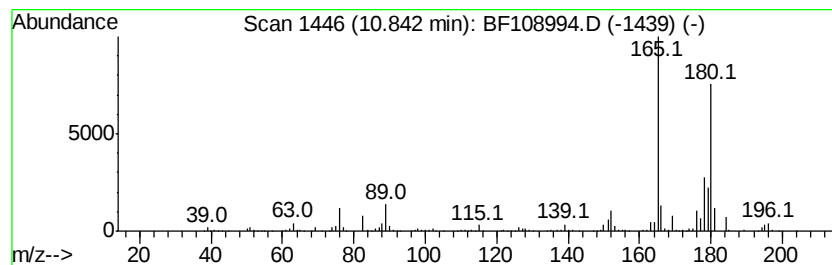
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.84	13.98 ng	978380	Phenanthrene-d10		11.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	93
3	4a,9a-Methano-9H-fluorene		180	C14H12	019540-84-2	93
4	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	90
5	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
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Operator : JU/SJ
Sample : J4898-02
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ALS Vial : 3 Sample Multiplier: 1

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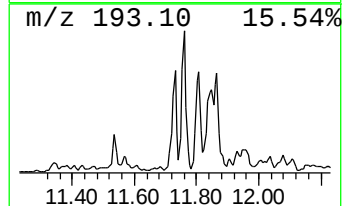
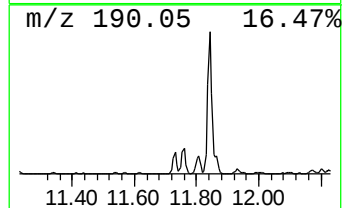
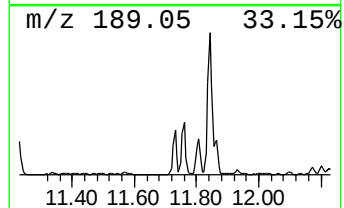
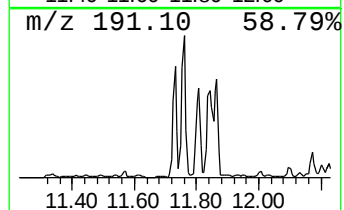
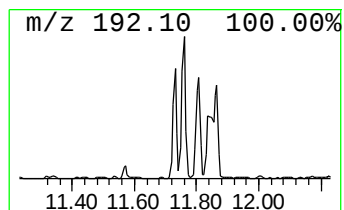
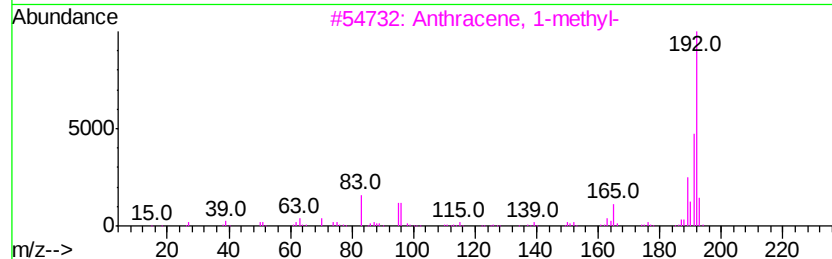
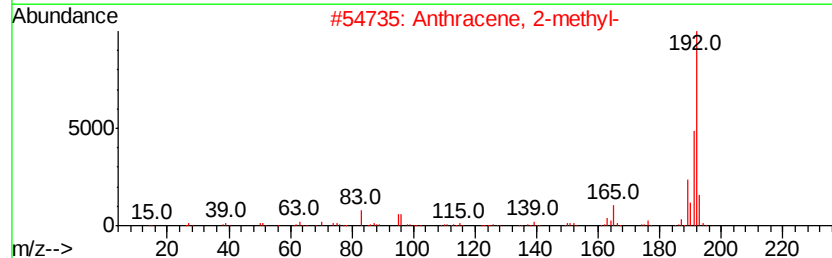
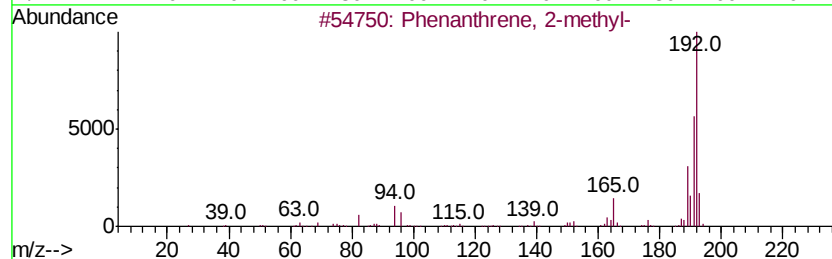
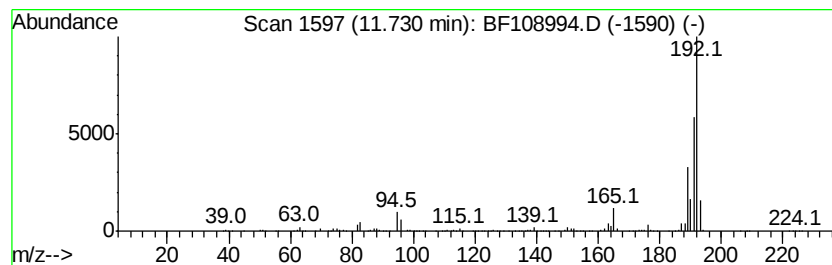
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	13.57 ng	949663	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
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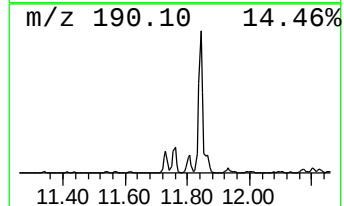
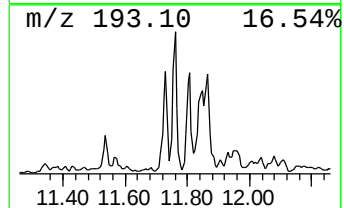
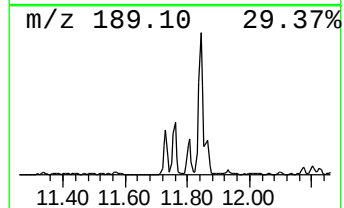
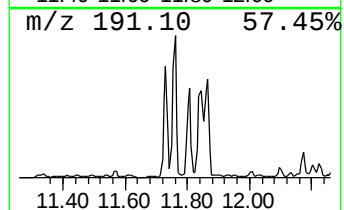
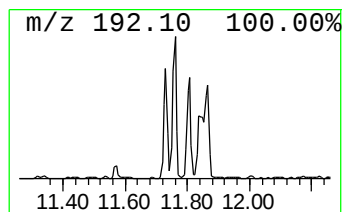
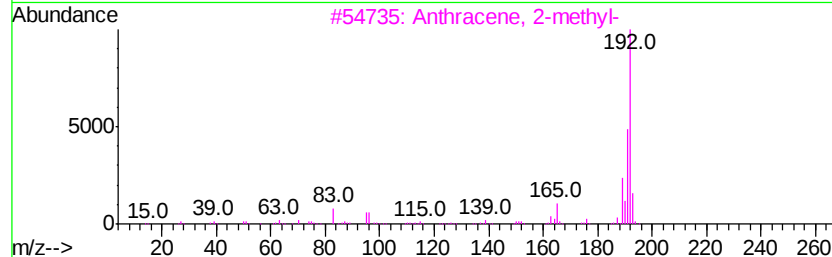
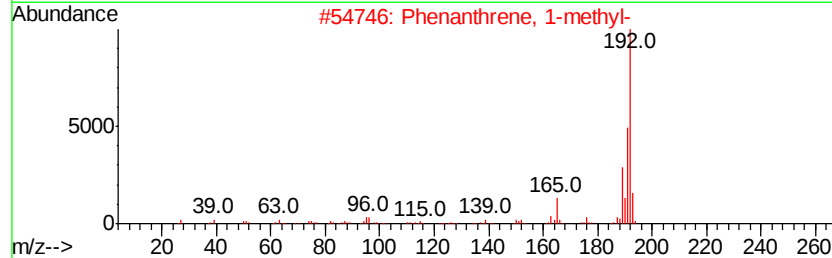
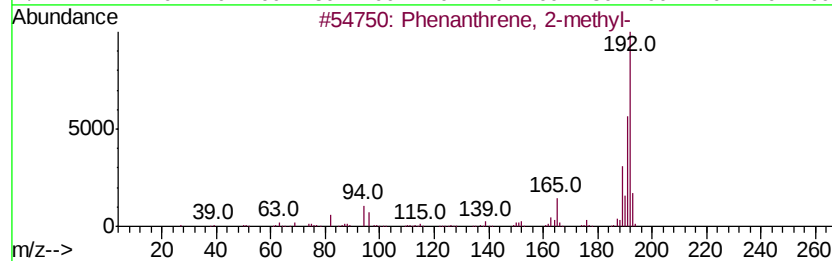
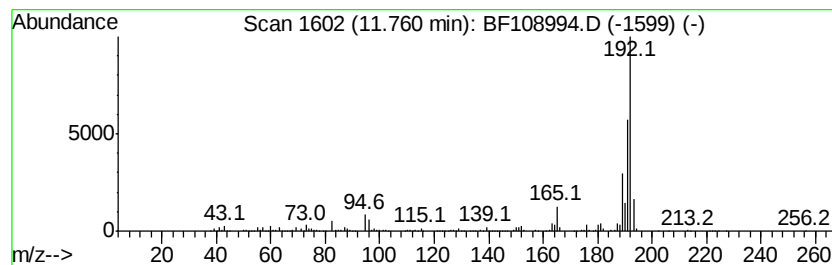
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	23.24 ng	1626470	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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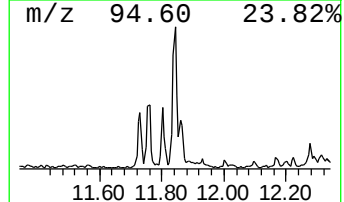
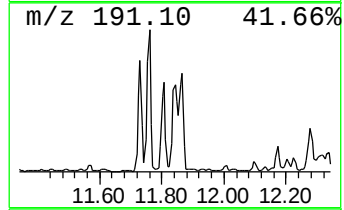
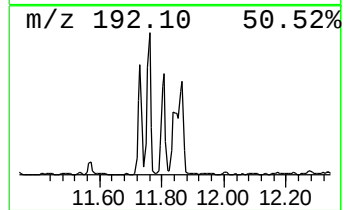
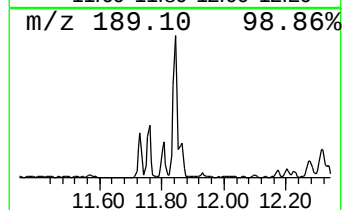
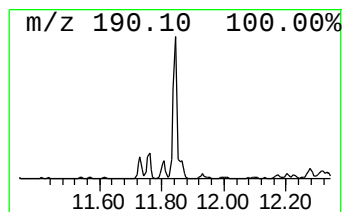
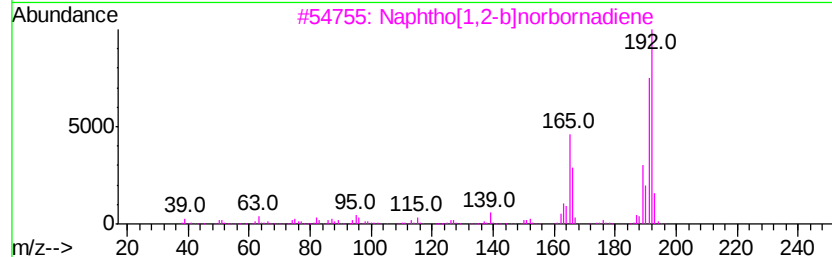
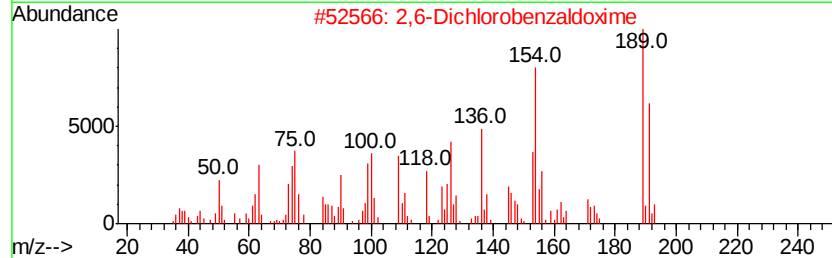
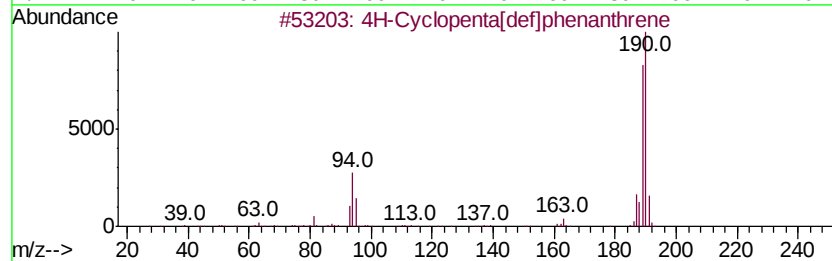
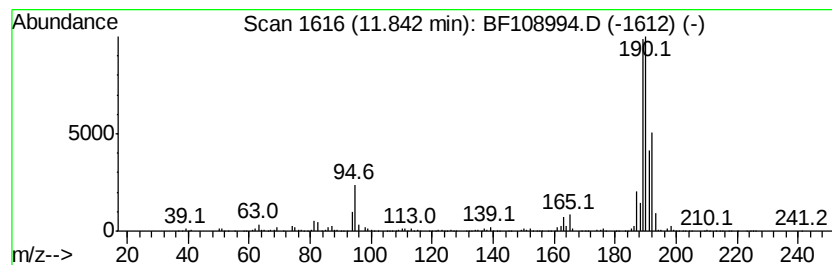
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	24.19 ng	1693280	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
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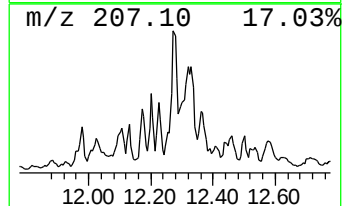
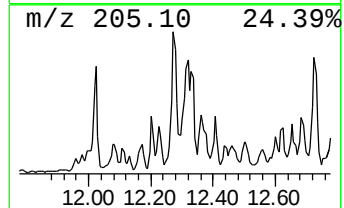
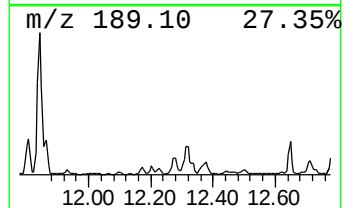
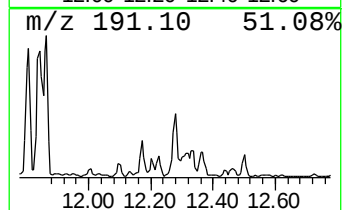
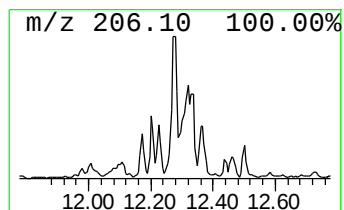
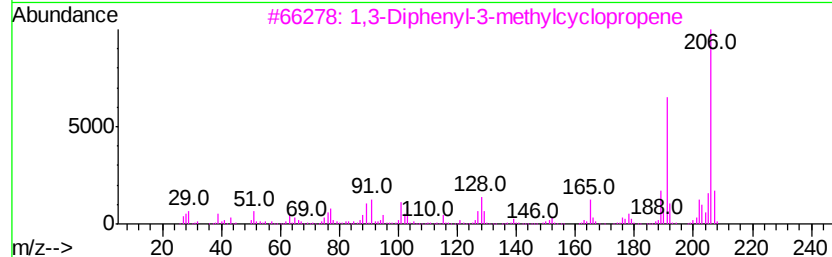
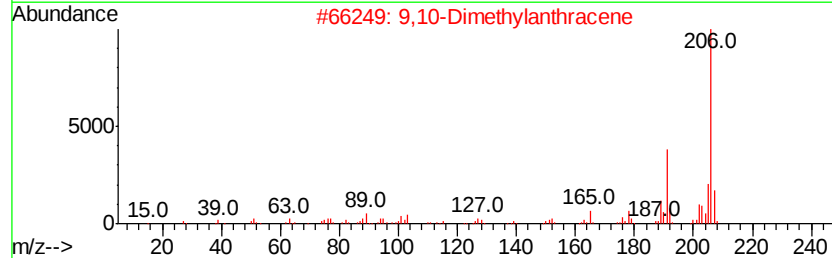
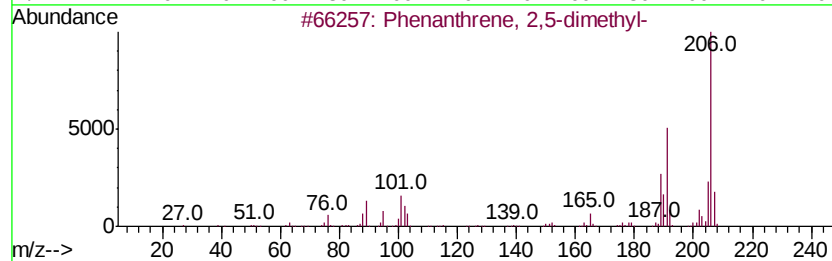
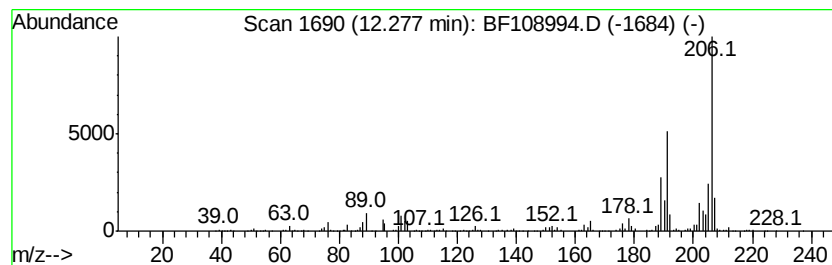
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	11.96 ng	837424	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
Acq On : 14 Sep 2018 15:03
Operator : JU/SJ
Sample : J4898-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLLOFF02-COMP-FILL

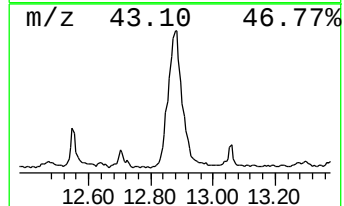
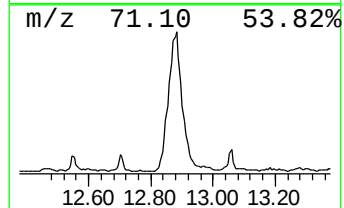
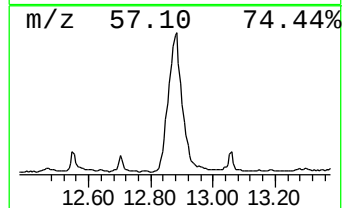
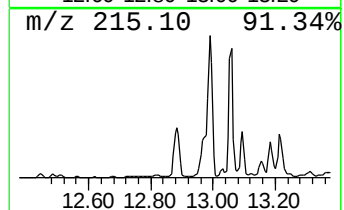
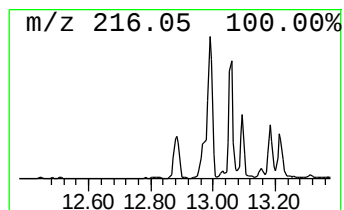
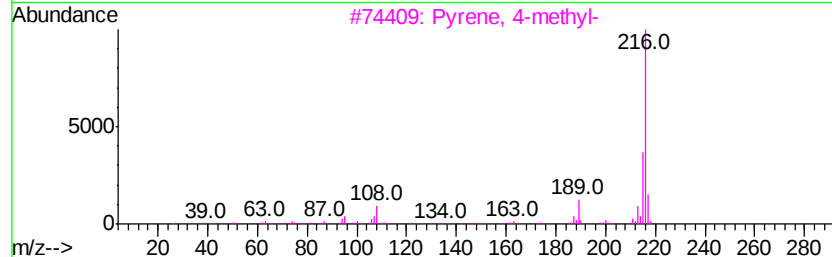
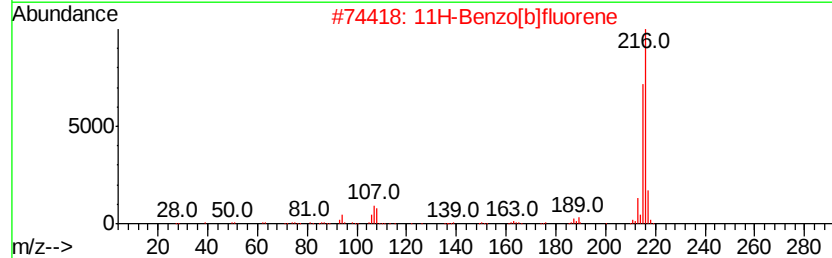
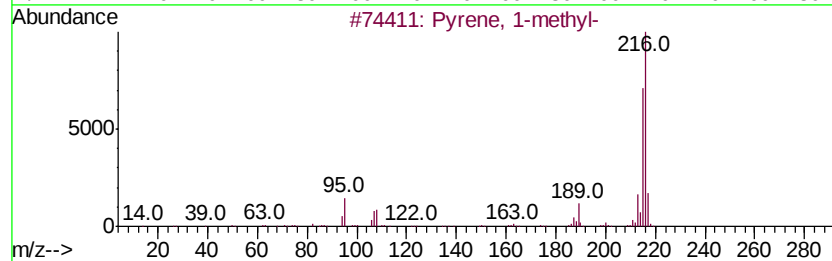
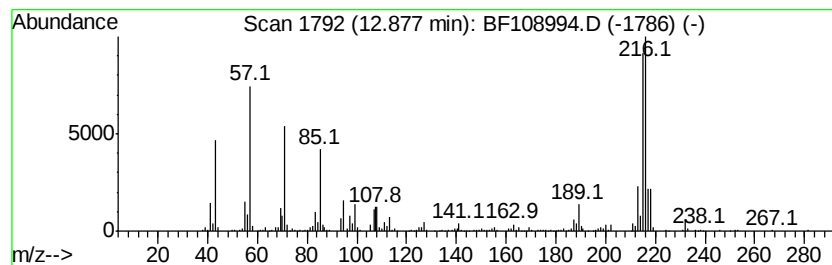
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	13.57 ng	1764630	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	80
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
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ALS Vial : 3 Sample Multiplier: 1

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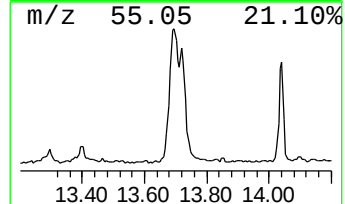
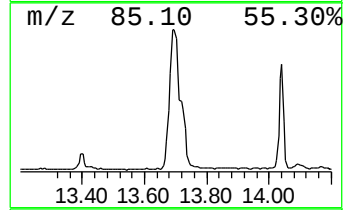
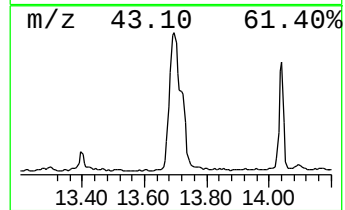
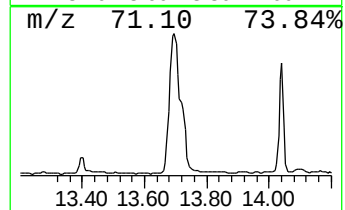
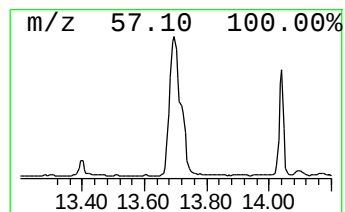
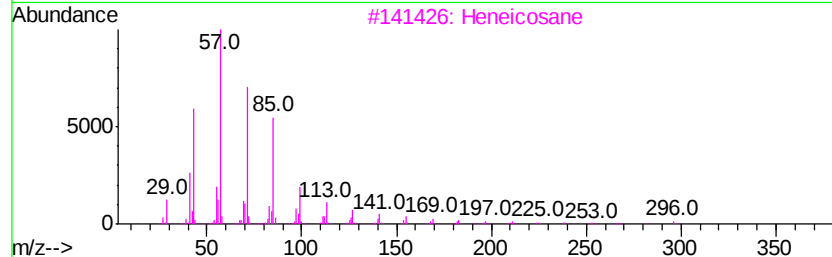
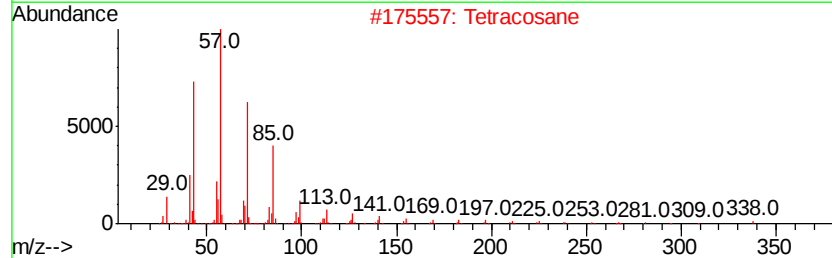
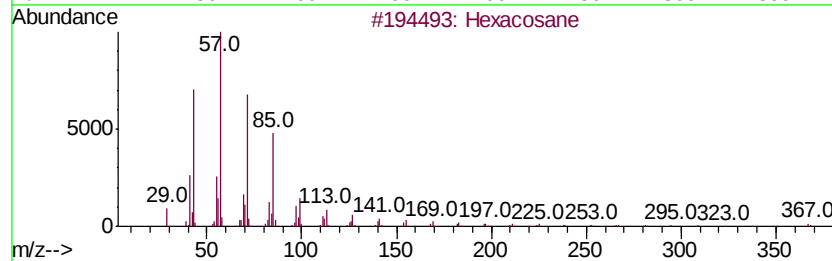
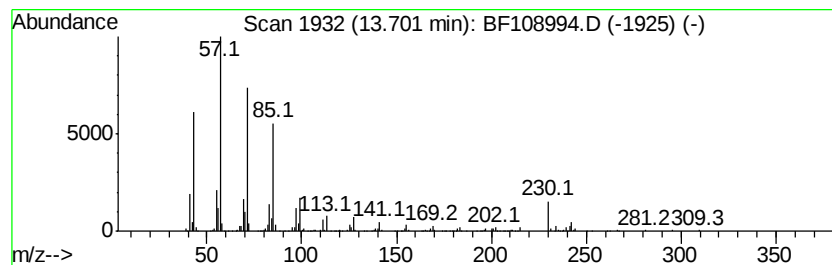
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	16.73 ng	2176530	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Tetracosane	338	C24H50	000646-31-1	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Eicosane	282	C20H42	000112-95-8	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108994.D
 Acq On : 14 Sep 2018 15:03
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Instrument :
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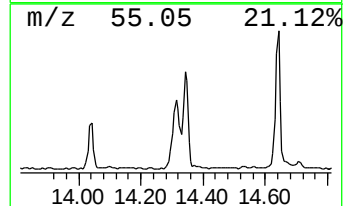
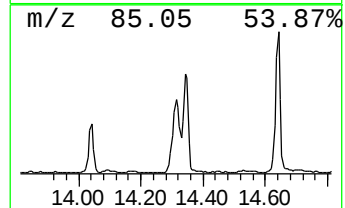
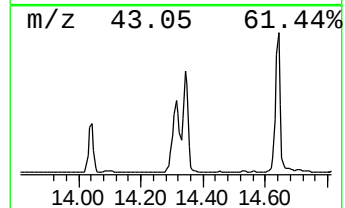
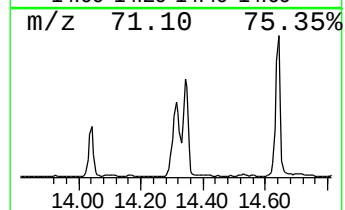
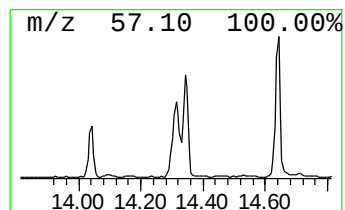
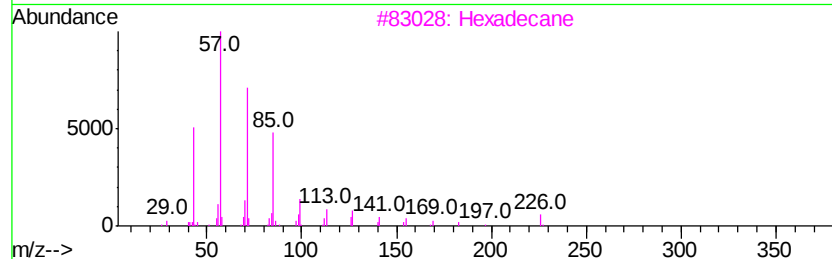
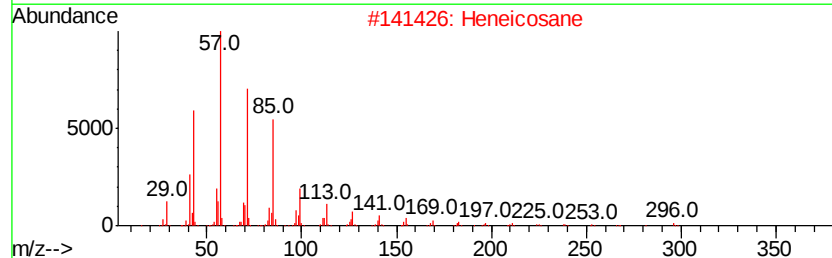
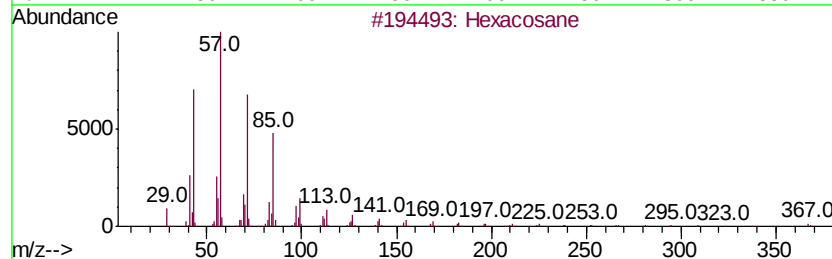
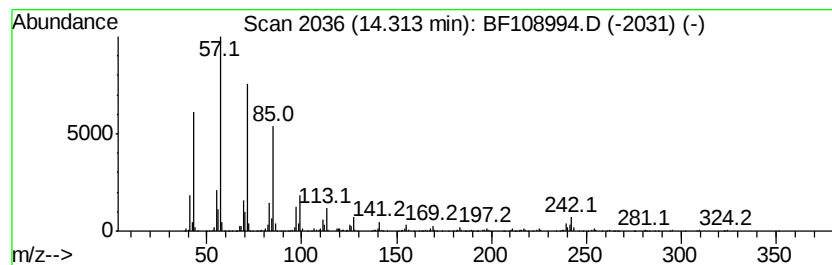
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 14 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	13.14 ng	1708590	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
Acq On : 14 Sep 2018 15:03
Operator : JU/SJ
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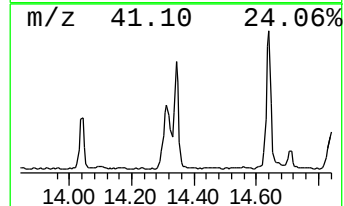
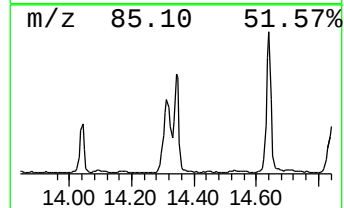
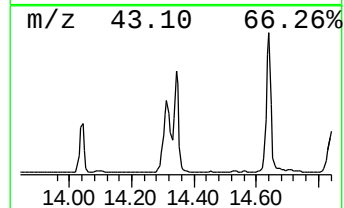
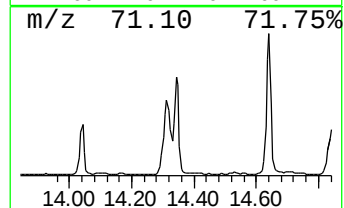
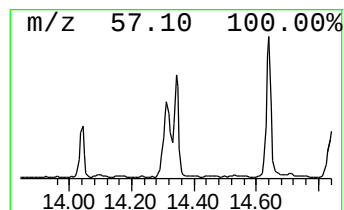
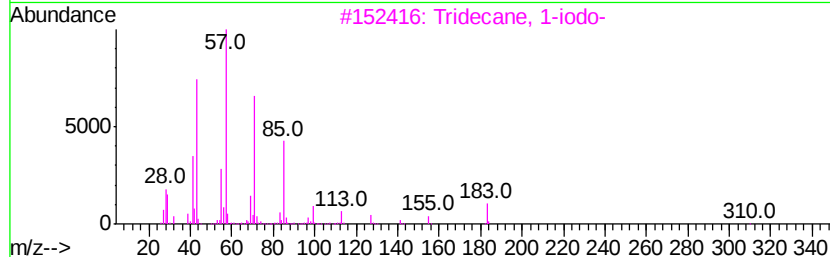
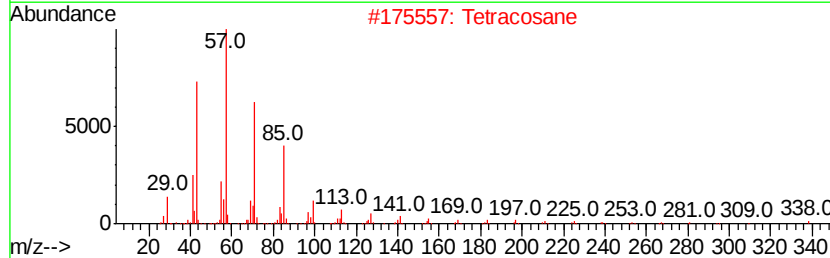
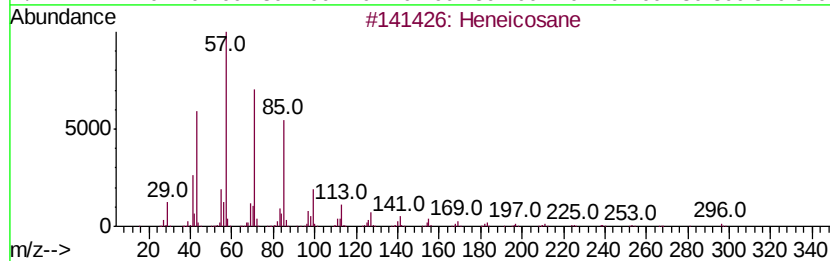
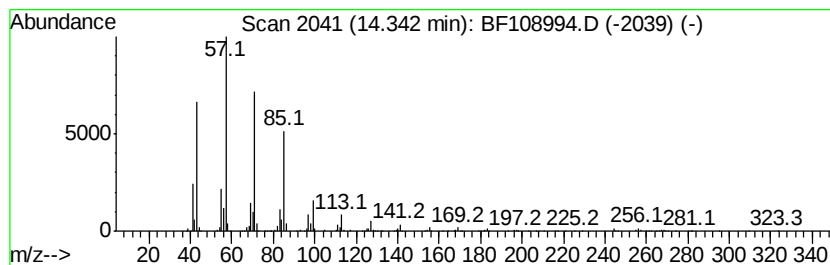
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	11.16 ng	1451950	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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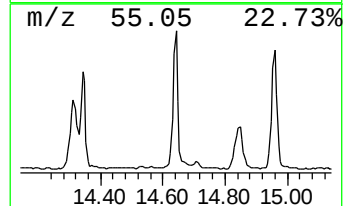
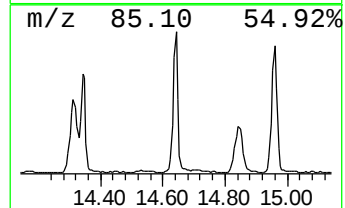
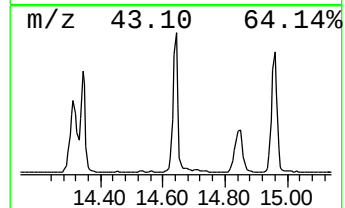
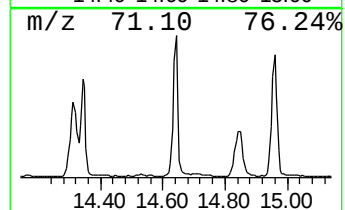
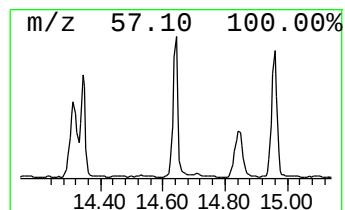
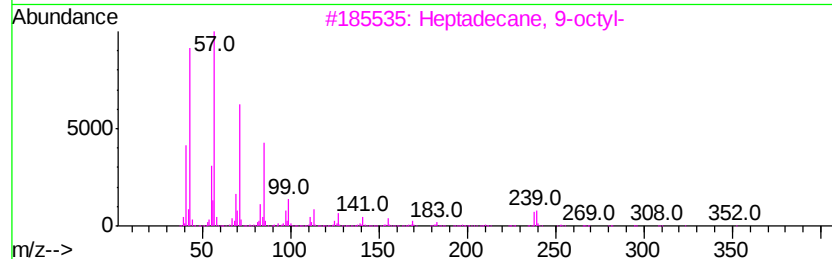
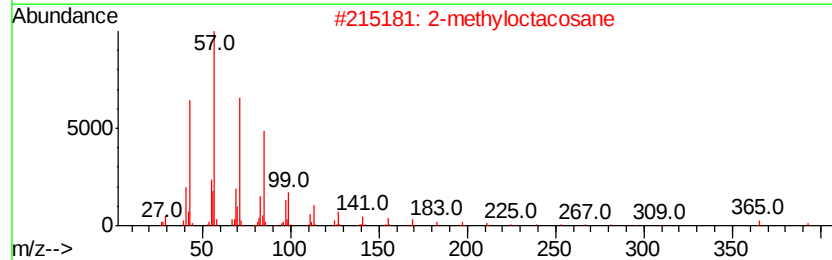
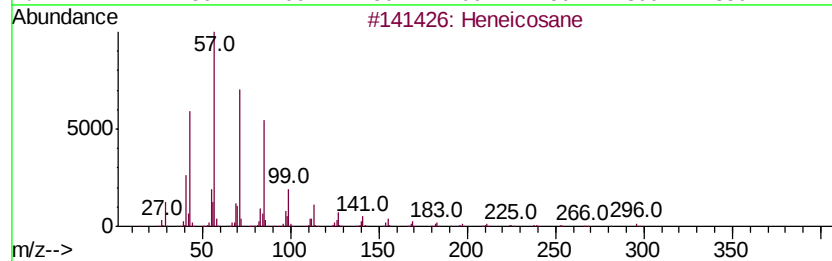
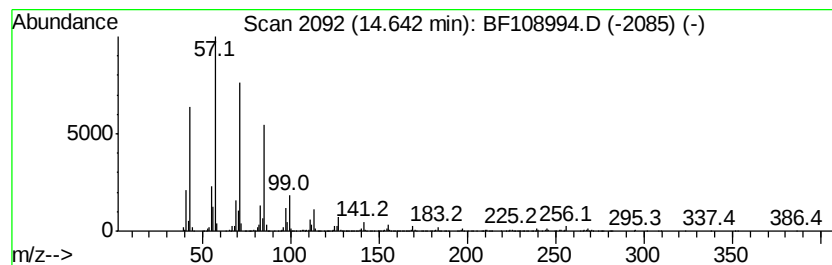
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	39.74 ng	2004830	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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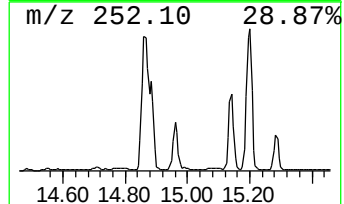
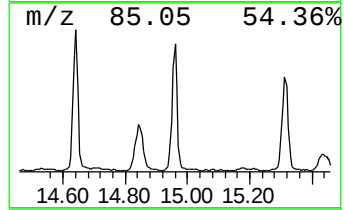
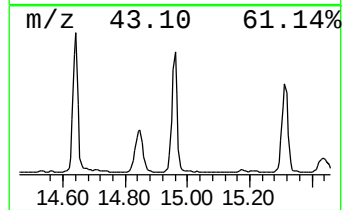
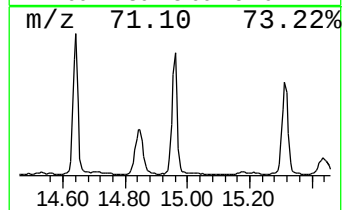
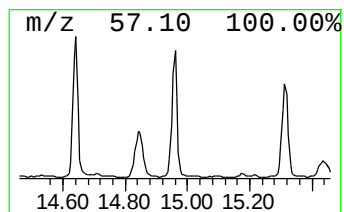
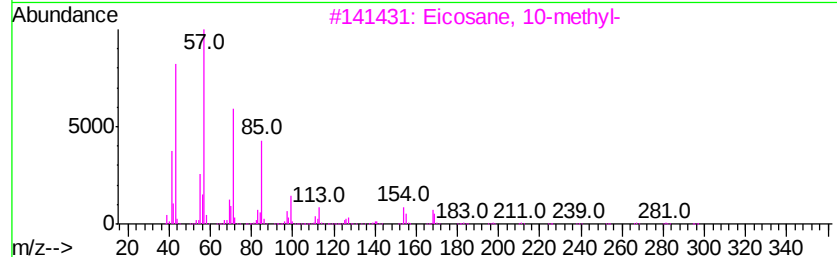
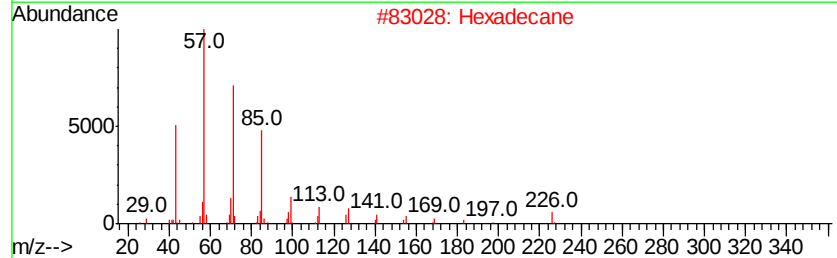
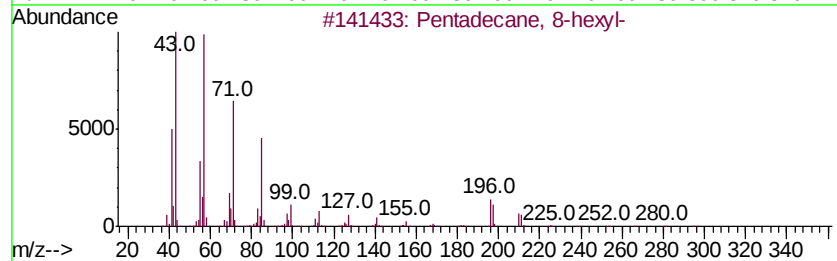
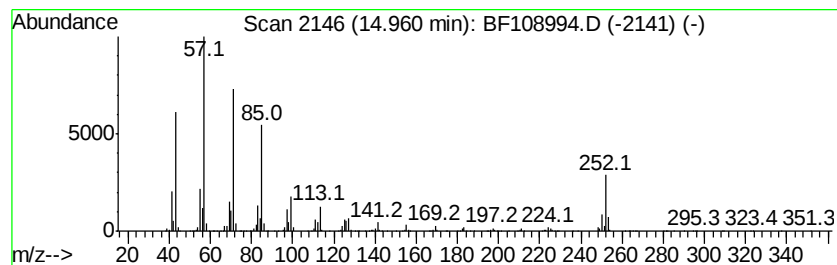
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 8-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	39.52 ng	1994000	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	81
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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ALS Vial : 3 Sample Multiplier: 1

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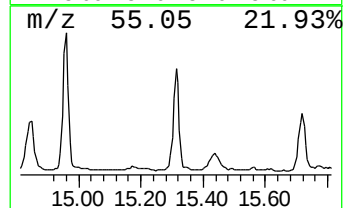
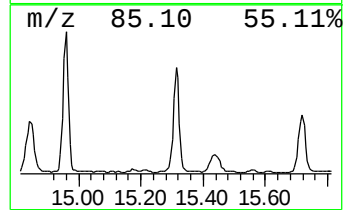
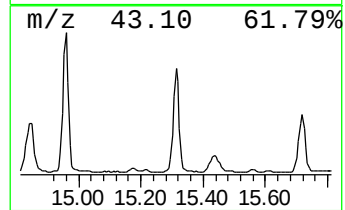
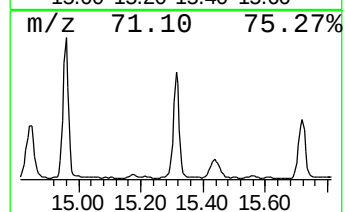
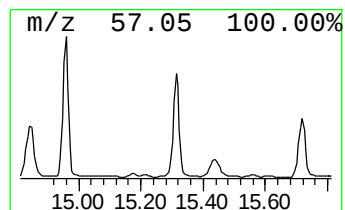
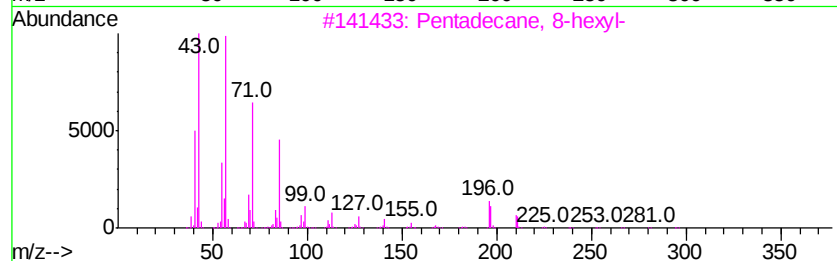
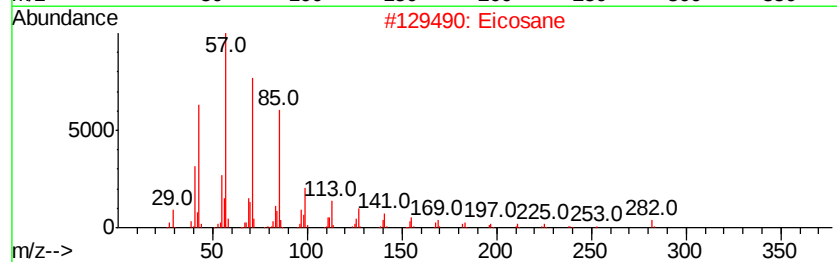
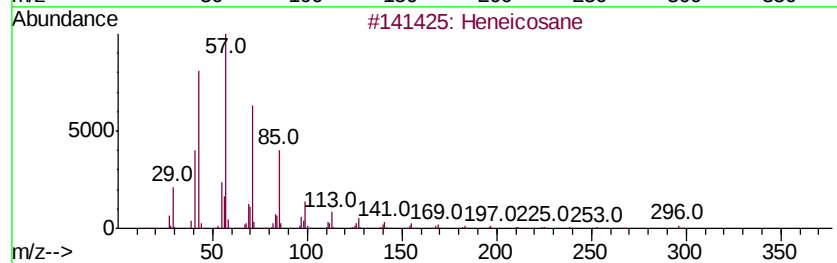
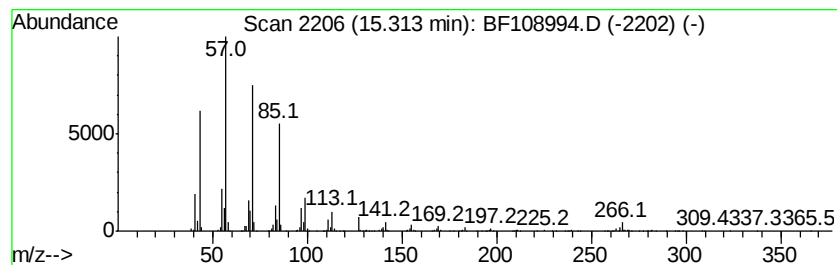
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	28.58 ng	1441730	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
Acq On : 14 Sep 2018 15:03
Operator : JU/SJ
Sample : J4898-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

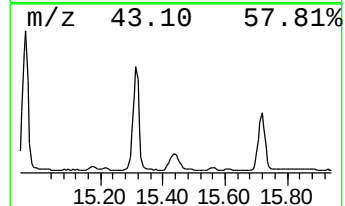
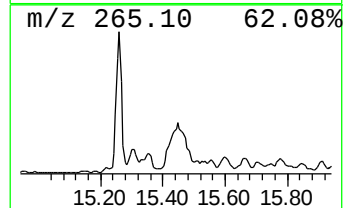
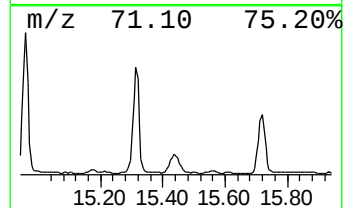
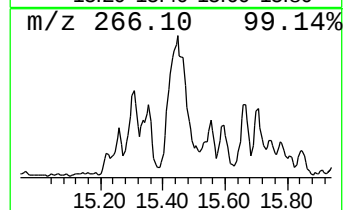
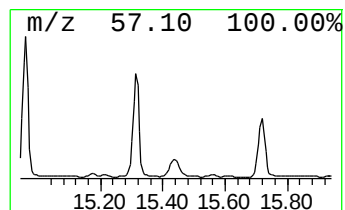
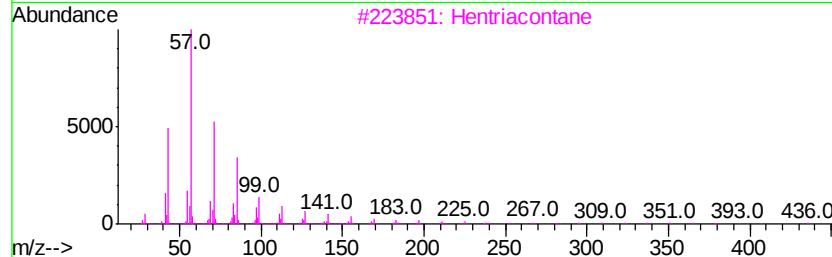
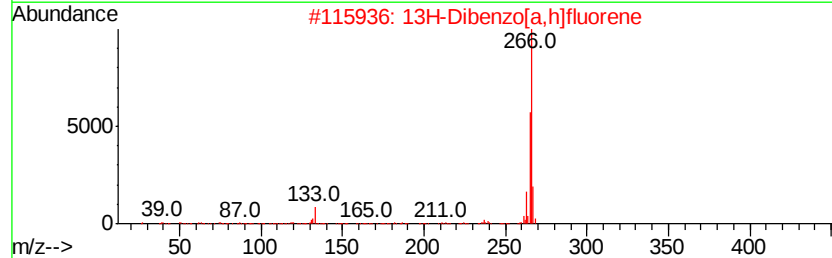
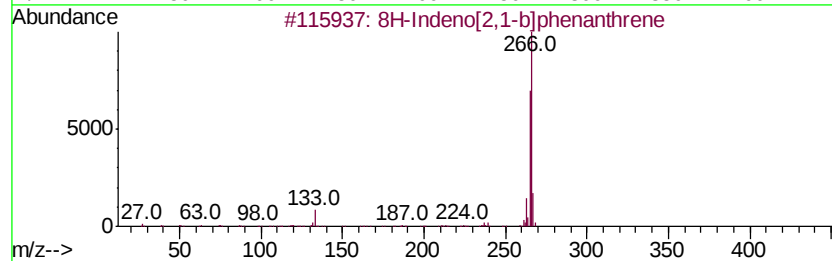
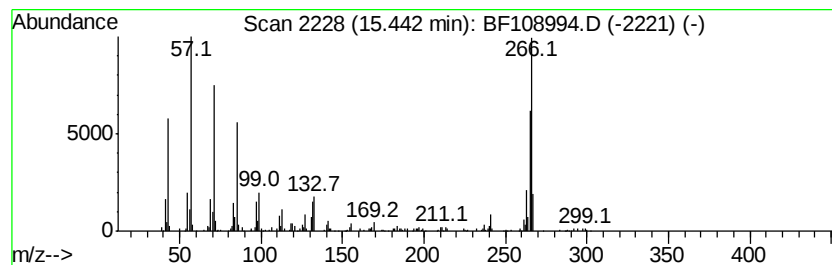
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 8H-Indeno[2,1-b]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	14.77 ng	744937	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	50
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	45
3		Hentriacontane	437	C31H64	000630-04-6	42
4		Heneicosane	296	C21H44	000629-94-7	41
5		Hexacosane	366	C26H54	000630-01-3	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
Acq On : 14 Sep 2018 15:03
Operator : JU/SJ
Sample : J4898-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

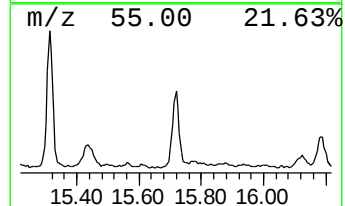
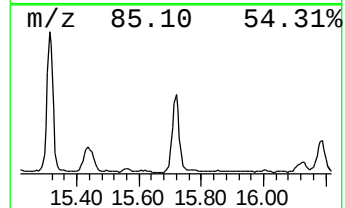
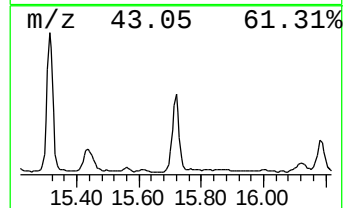
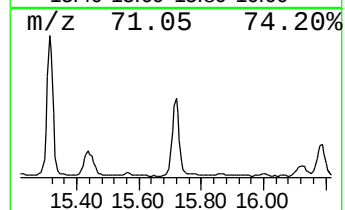
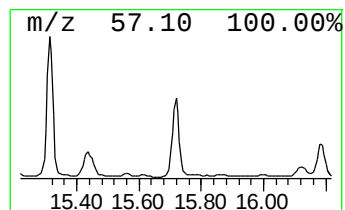
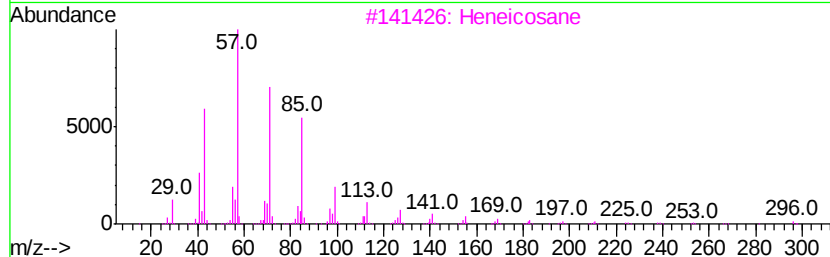
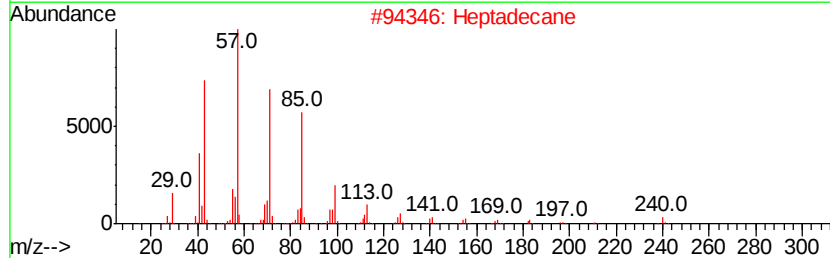
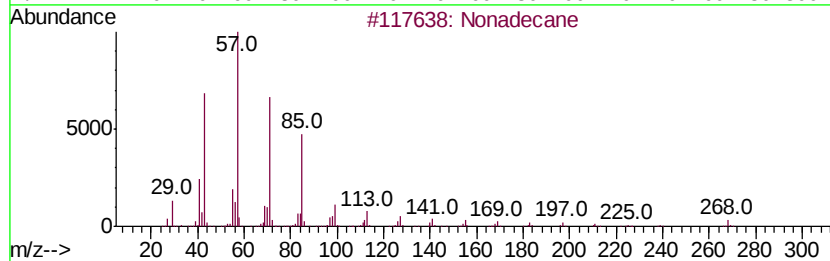
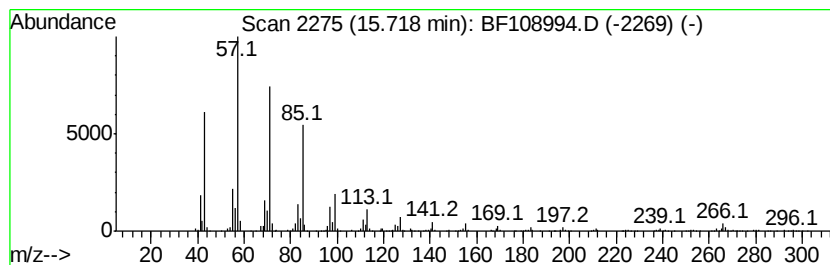
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	21.34 ng	1076540	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF108994.D
 Acq On : 14 Sep 2018 15:03
 Operator : JU/SJ
 Sample : J4898-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
unknown6.48	6.48	43.0	ng	1695830	1	6.72	789511	20.0
Phenol, 3,5-dimet...	7.79	14.3	ng	749843	2	8.00	1052000	20.0
Naphthalene, 2-me...	8.81	27.1	ng	1422660	2	8.00	1052000	20.0
Naphthalene, 2,6-...	9.34	15.2	ng	1075500	3	9.75	1416730	20.0
Naphthalene, 2,3-...	9.41	16.0	ng	1135650	3	9.75	1416730	20.0
9H-Fluorene, 1-me...	10.84	14.0	ng	978380	4	11.23	1399890	20.0
Anthracene, 2-met...	11.73	13.6	ng	949663	4	11.23	1399890	20.0
Phenanthrene, 2-m...	11.76	23.2	ng	1626470	4	11.23	1399890	20.0
4H-Cyclopenta[def...	11.84	24.2	ng	1693280	4	11.23	1399890	20.0
Phenanthrene, 2,5...	12.28	12.0	ng	837424	4	11.23	1399890	20.0
Pyrene, 1-methyl-	12.88	13.6	ng	1764630	5	13.85	2601490	20.0
Hexacosane	13.70	16.7	ng	2176530	5	13.85	2601490	20.0
Hexadecane	14.31	13.1	ng	1708590	5	13.85	2601490	20.0
Tridecane, 1-iodo-	14.34	11.2	ng	1451950	5	13.85	2601490	20.0
2-methyloctacosane	14.64	39.7	ng	2004830	6	15.26	1009010	20.0
Pentadecane, 8-he...	14.96	39.5	ng	1994000	6	15.26	1009010	20.0
Heneicosane	15.31	28.6	ng	1441730	6	15.26	1009010	20.0
8H-Indeno[2,1-b]p...	15.44	14.8	ng	744937	6	15.26	1009010	20.0
Nonadecane	15.72	21.3	ng	1076540	6	15.26	1009010	20.0