

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114353.D
 Acq On : 17 May 2019 16:47
 Operator : JU/SJ
 Sample : K2865-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21-S

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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	5.475	572	576	590	rVB	3994828	4018802	76.43%	4.033%
2	6.492	744	749	758	rBV	4391800	4468895	84.99%	4.484%
3	6.622	767	771	774	rBV	4773247	4190964	79.71%	4.205%
4	6.681	777	781	784	rBV2	419708	426920	8.12%	0.428%
5	6.845	805	809	816	rVB	1550648	1466509	27.89%	1.472%
6	7.004	832	836	839	rBV	3835327	3395862	64.59%	3.408%
7	7.122	850	856	859	rVB	180759	190757	3.63%	0.191%
8	7.239	871	876	879	rBV2	180491	224750	4.27%	0.226%
9	7.381	894	900	901	rBV2	157155	186579	3.55%	0.187%
10	7.410	901	905	908	rVV	2965295	2829587	53.82%	2.839%
11	7.439	908	910	914	rVV	921686	776466	14.77%	0.779%
12	7.492	914	919	922	rVB4	179302	238382	4.53%	0.239%
13	7.875	981	984	989	rVV4	230045	299919	5.70%	0.301%
14	8.110	1021	1024	1025	rVV	1199840	1020242	19.40%	1.024%
15	8.128	1025	1027	1030	rVV	1921991	1713523	32.59%	1.719%
16	8.186	1033	1037	1040	rVV	386718	371825	7.07%	0.373%
17	8.416	1071	1076	1083	rVB5	213156	312853	5.95%	0.314%
18	8.504	1088	1091	1095	rVB2	220891	225033	4.28%	0.226%
19	8.545	1095	1098	1101	rBV	509468	480180	9.13%	0.482%
20	8.716	1124	1127	1131	rBV	1299968	1009416	19.20%	1.013%
21	8.839	1146	1148	1152	rVB	380518	298188	5.67%	0.299%
22	8.939	1162	1165	1168	rBV2	219641	247041	4.70%	0.248%
23	9.080	1185	1189	1193	rVB2	167156	182107	3.46%	0.183%
24	9.145	1198	1200	1205	rVB	371108	320129	6.09%	0.321%
25	9.204	1205	1210	1213	rBV	4803156	4609548	87.67%	4.625%
26	9.280	1220	1223	1226	rBV	1163928	933035	17.75%	0.936%
27	9.469	1251	1255	1259	rBV2	178890	222153	4.23%	0.223%
28	9.539	1264	1267	1269	rVV	284191	291015	5.53%	0.292%
29	9.569	1269	1272	1273	rVV3	180688	190327	3.62%	0.191%
30	9.592	1273	1276	1280	rVV2	992246	1057474	20.11%	1.061%
31	9.810	1310	1313	1318	rVB	779356	609737	11.60%	0.612%
32	9.880	1322	1325	1329	rVV	2104079	1858240	35.34%	1.865%
33	10.086	1356	1360	1364	rVV2	189985	270248	5.14%	0.271%
34	10.127	1364	1367	1371	rVB3	188584	221052	4.20%	0.222%

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35	10.310	1395	1398	1400	rVV	473796	404878	7.70%	0.406%
36	10.427	1414	1418	1424	rVV4	157646	245169	4.66%	0.246%
37	10.545	1436	1438	1442	rVV	244989	227285	4.32%	0.228%
38	10.674	1456	1460	1465	rBV	2777533	2571053	48.90%	2.580%
39	10.780	1475	1478	1479	rBV	328802	257709	4.90%	0.259%
40	11.174	1542	1545	1550	rBV2	154119	184025	3.50%	0.185%
41	11.227	1550	1554	1557	rVV2	411794	394451	7.50%	0.396%
42	11.263	1557	1560	1566	rVB2	249064	279198	5.31%	0.280%
43	11.369	1574	1578	1580	rBV	2037930	1904990	36.23%	1.912%
44	11.392	1580	1582	1586	rVV	2714819	2272859	43.23%	2.281%
45	11.445	1588	1591	1594	rVB	748946	596023	11.34%	0.598%
46	11.598	1614	1617	1624	rBV	414300	435099	8.28%	0.437%
47	11.657	1624	1627	1630	rVV2	191273	185625	3.53%	0.186%
48	11.704	1632	1635	1640	rVB3	173051	218775	4.16%	0.220%
49	11.868	1660	1663	1665	rBV	591336	521269	9.91%	0.523%
50	11.898	1665	1668	1673	rVB	1062987	1002092	19.06%	1.006%
51	11.945	1673	1676	1679	rBV	214730	230318	4.38%	0.231%
52	11.980	1679	1682	1685	rBV2	704497	772065	14.68%	0.775%
53	12.063	1692	1696	1698	rBV	208006	246632	4.69%	0.247%
54	12.163	1710	1713	1716	rBV	440743	388324	7.39%	0.390%
55	12.351	1742	1745	1747	rBV	258788	250947	4.77%	0.252%
56	12.421	1754	1757	1760	rVV	429393	450310	8.56%	0.452%
57	12.451	1760	1762	1766	rVV3	273498	378820	7.20%	0.380%
58	12.510	1769	1772	1777	rVV2	160954	194474	3.70%	0.195%
59	12.592	1781	1786	1789	rBV	4915171	4511069	85.80%	4.527%
60	12.739	1807	1811	1814	rBV	184701	229125	4.36%	0.230%
61	12.821	1818	1825	1830	rBV2	3958737	5257919	100.00%	5.276%
62	12.863	1830	1832	1837	rVB2	314111	373661	7.11%	0.375%
63	12.951	1841	1847	1850	rBV	4091174	4126837	78.49%	4.141%
64	12.974	1850	1851	1856	rVB	395915	297306	5.65%	0.298%
65	13.027	1856	1860	1865	rBV2	369800	691787	13.16%	0.694%
66	13.115	1872	1875	1877	rBV3	303709	358550	6.82%	0.360%
67	13.145	1877	1880	1883	rVB	1190701	1049953	19.97%	1.054%
68	13.210	1888	1891	1894	rBV	1134157	981044	18.66%	0.984%
69	13.245	1894	1897	1900	rBV2	533912	634534	12.07%	0.637%
70	13.339	1910	1913	1916	rBV	374805	345531	6.57%	0.347%
71	13.368	1916	1918	1921	rVV	346681	327848	6.24%	0.329%

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72	13.521	1941	1944	1946	rVV	250162	280834	5.34%	0.282%
73	13.568	1949	1952	1958	rVB2	434854	574592	10.93%	0.577%
74	13.627	1959	1962	1964	rBV	248596	309580	5.89%	0.311%
75	13.657	1964	1967	1970	rVB	313910	345846	6.58%	0.347%
76	13.762	1982	1985	1987	rBV	506964	458407	8.72%	0.460%
77	13.786	1987	1989	1992	rVB	467330	367645	6.99%	0.369%
78	13.827	1992	1996	1998	rBV2	386015	631214	12.01%	0.633%
79	14.010	2023	2027	2031	rBV2	2898130	4165970	79.23%	4.180%
80	14.045	2031	2033	2036	rVB	2895297	2146902	40.83%	2.154%
81	14.104	2040	2043	2044	rBV	206291	191751	3.65%	0.192%
82	14.121	2044	2046	2049	rVB	537591	379524	7.22%	0.381%
83	14.162	2051	2053	2058	rBV3	323396	379281	7.21%	0.381%
84	14.239	2063	2066	2069	rBV2	380757	439472	8.36%	0.441%
85	14.362	2085	2087	2089	rBV2	261599	219201	4.17%	0.220%
86	14.404	2089	2094	2096	rVV	810843	912321	17.35%	0.915%
87	14.433	2097	2099	2102	rVB	374917	330143	6.28%	0.331%
88	14.468	2102	2105	2108	rBV3	467564	521520	9.92%	0.523%
89	14.527	2113	2115	2117	rVV	296508	319673	6.08%	0.321%
90	14.551	2117	2119	2122	rVB2	410020	357313	6.80%	0.359%
91	14.774	2155	2157	2162	rVB2	350181	352347	6.70%	0.354%
92	15.068	2202	2207	2210	rBV	2077240	3405062	64.76%	3.417%
93	15.174	2222	2225	2228	rBV	377481	392928	7.47%	0.394%
94	15.368	2254	2258	2264	rVB	1290317	1737739	33.05%	1.744%
95	15.433	2265	2269	2273	rVV	1863237	2331338	44.34%	2.339%
96	15.492	2275	2279	2282	rVV2	1440742	1920800	36.53%	1.927%
97	15.521	2282	2284	2292	rVB2	558807	891051	16.95%	0.894%
98	15.921	2349	2352	2358	rVB2	353181	494938	9.41%	0.497%
99	16.980	2527	2532	2541	rVB2	534038	1075549	20.46%	1.079%
100	17.427	2605	2608	2618	rVB	406715	766932	14.59%	0.770%

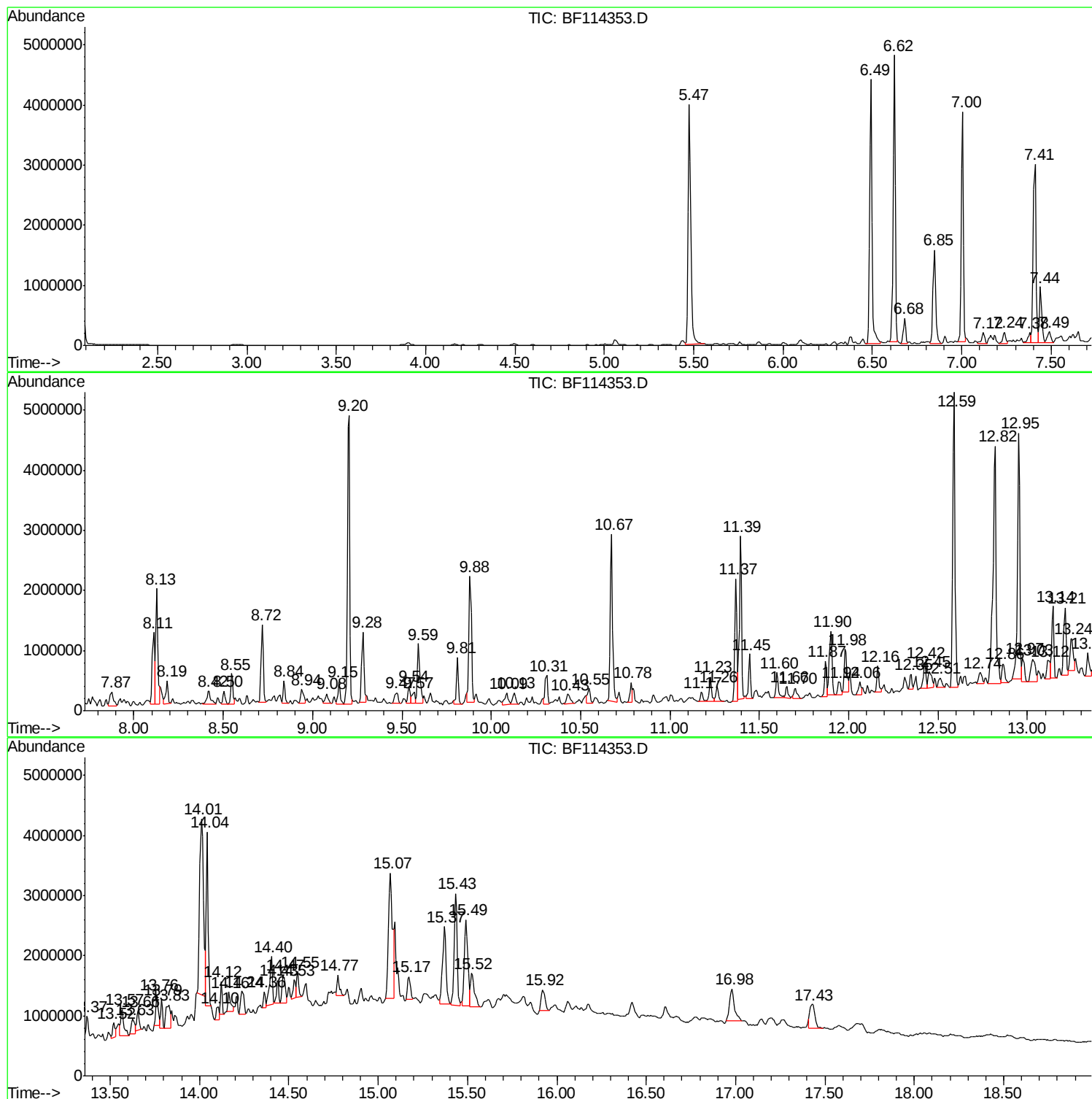
Sum of corrected areas: 99655185

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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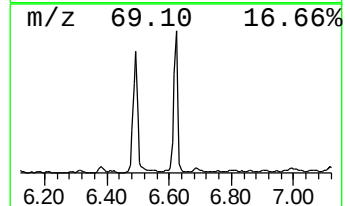
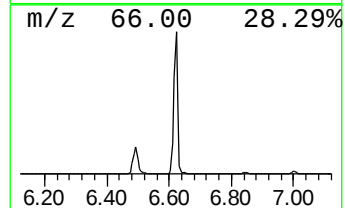
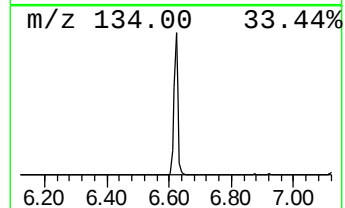
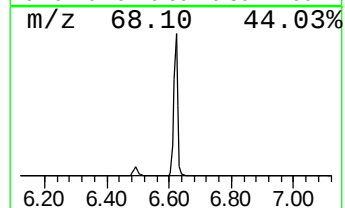
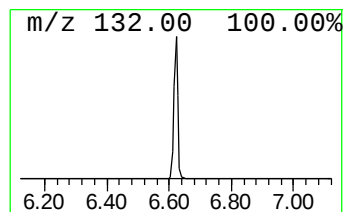
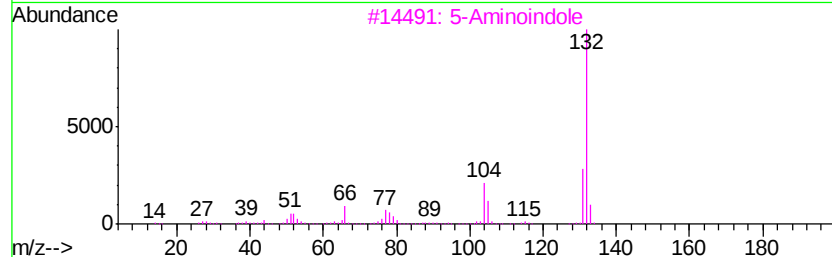
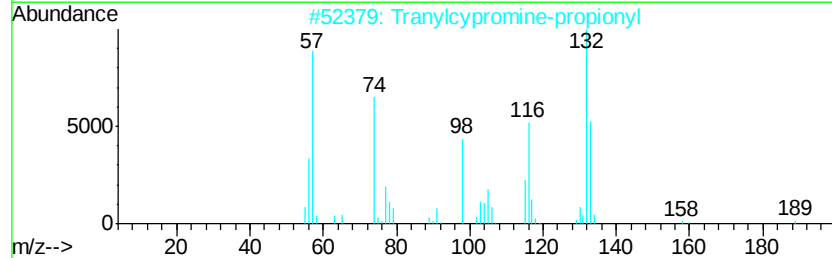
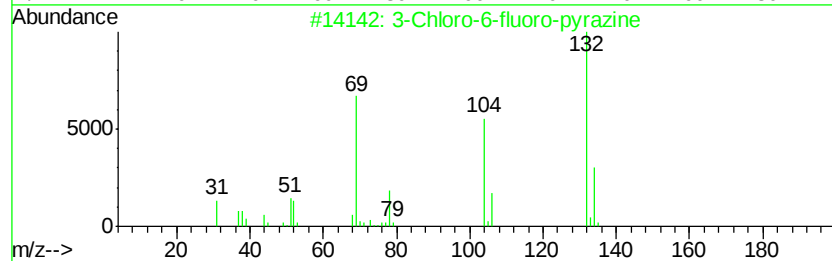
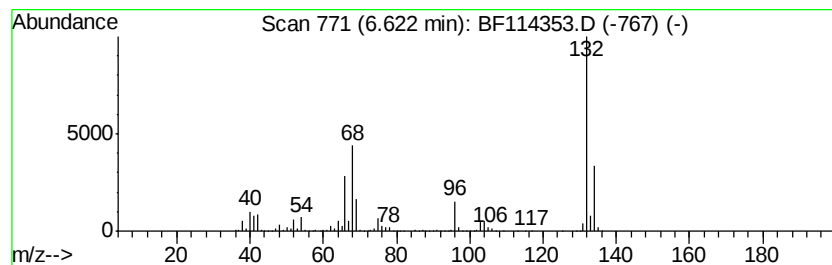
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	57.16 ng	4190960	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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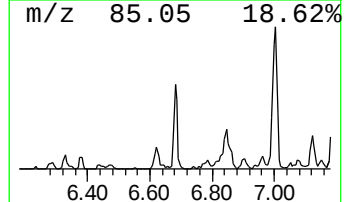
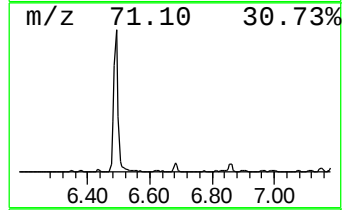
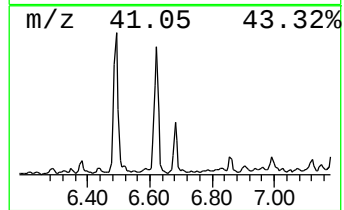
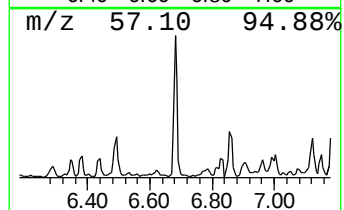
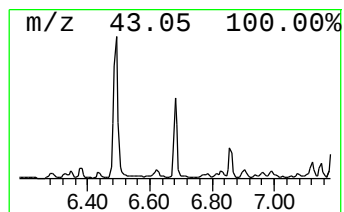
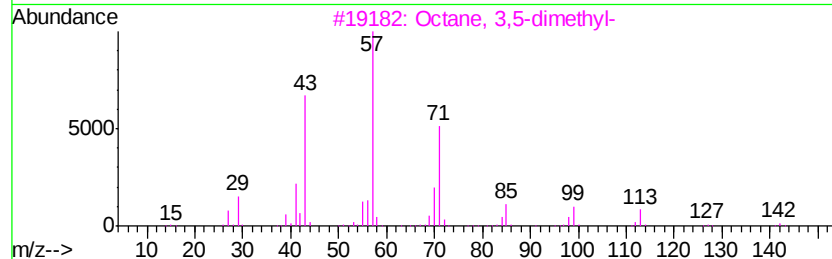
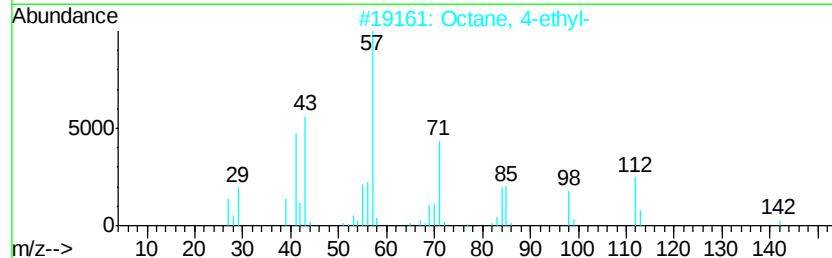
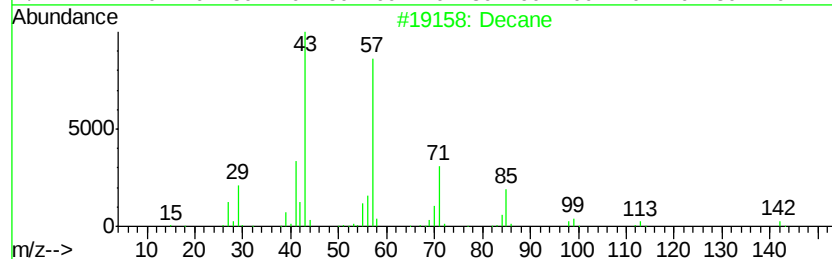
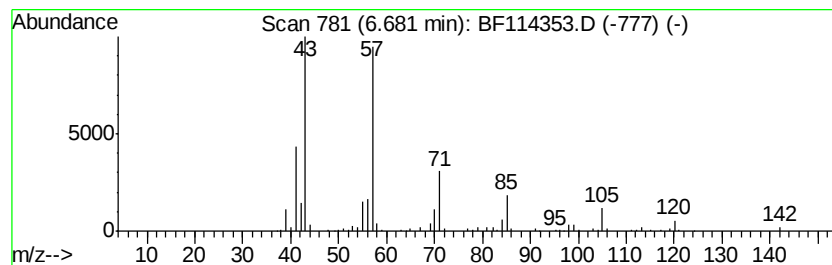
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	5.82 ng	426920	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	70
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	68
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Undecane	156	C11H24	001120-21-4	64



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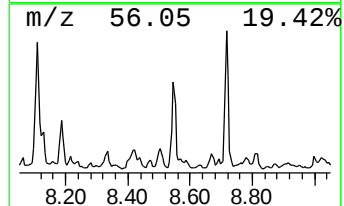
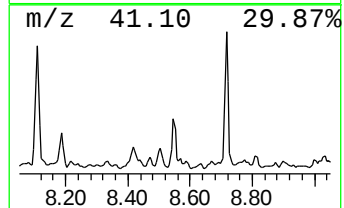
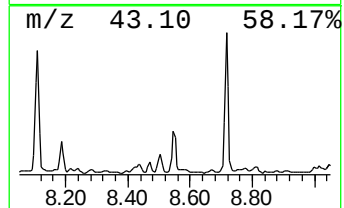
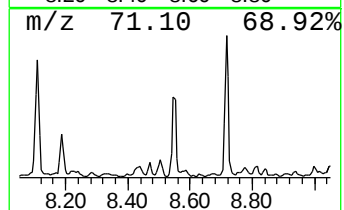
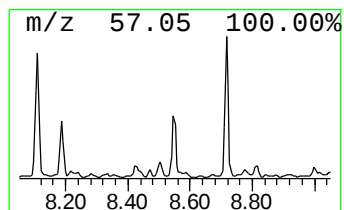
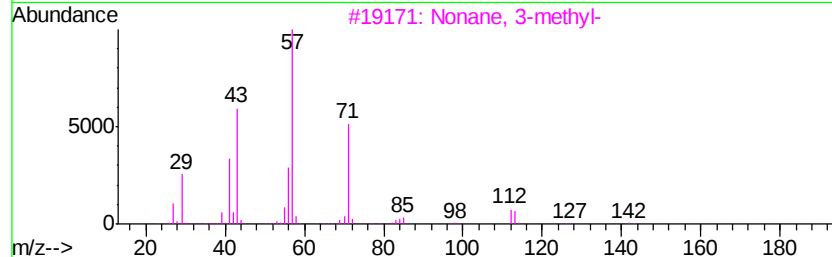
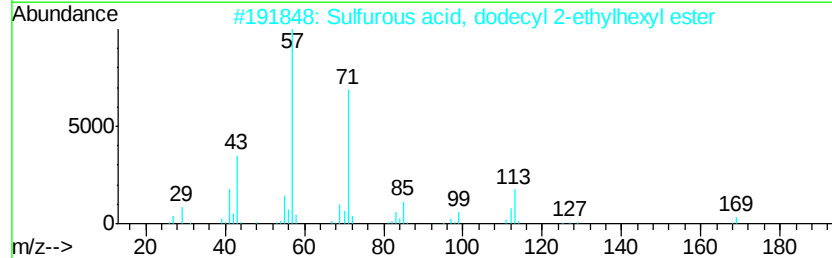
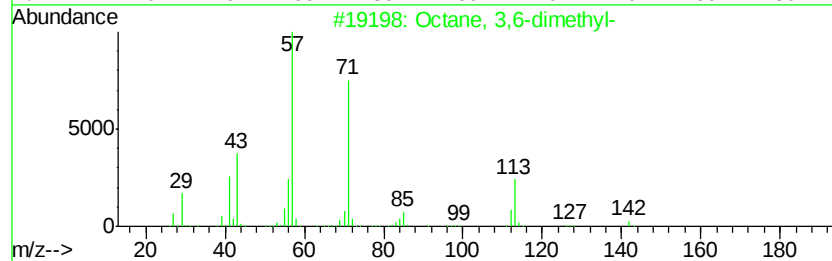
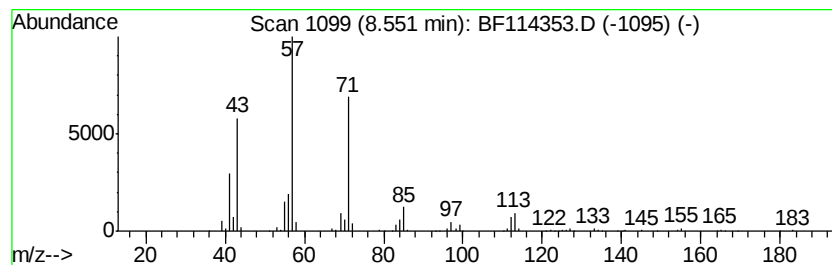
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	5.60 ng	480180	Napthalene-d8	8.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
2	Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5	72
3	Nonane, 3-methyl-	142 C10H22	005911-04-6	72
4	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	64
5	Sulfurous acid, butyl 2-ethylhex...	250 C12H26O3S	1000309-18-8	59



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Data File : BF114353.D
Acq On : 17 May 2019 16:47
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-21-S

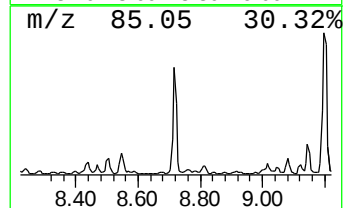
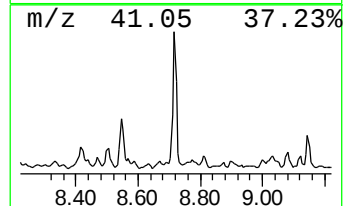
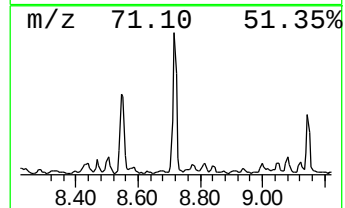
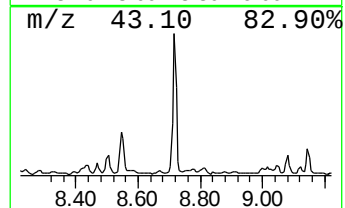
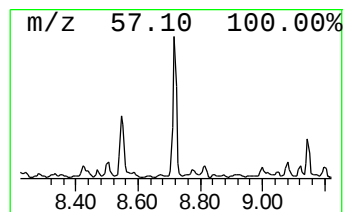
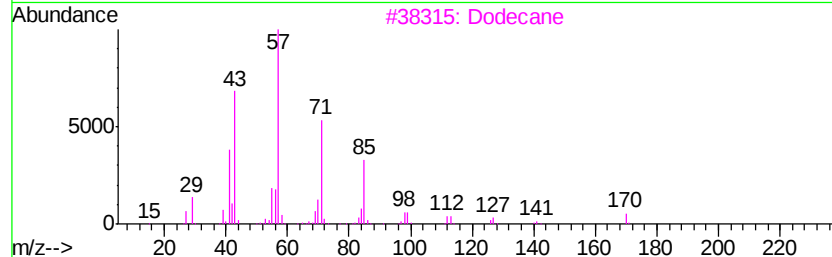
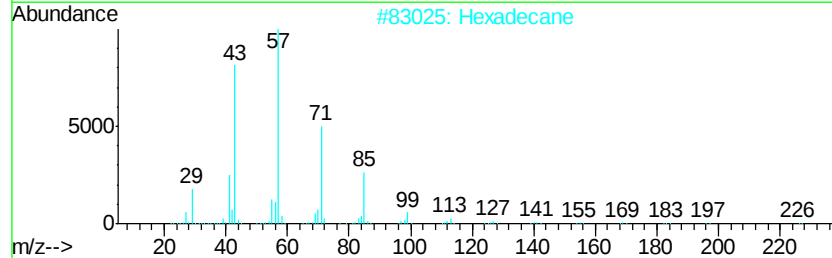
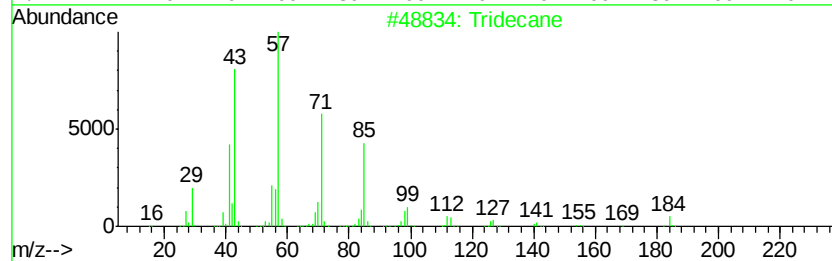
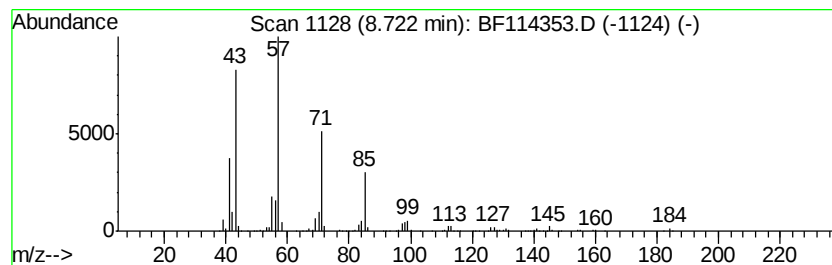
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	11.78 ng	1009420	Naphthalene-d8	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	95
2	Hexadecane		226	C16H34	000544-76-3	86
3	Dodecane		170	C12H26	000112-40-3	86
4	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	78
5	Undecane		156	C11H24	001120-21-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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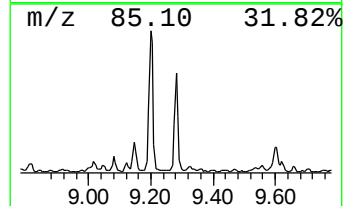
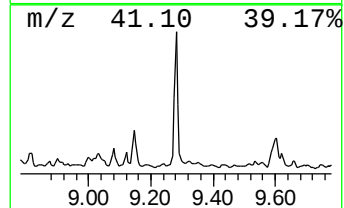
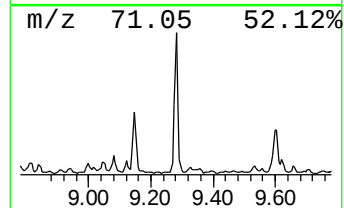
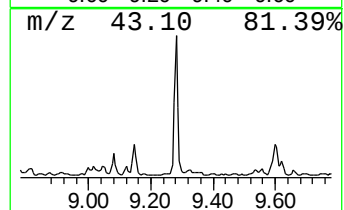
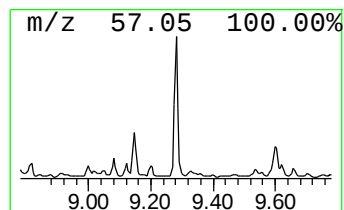
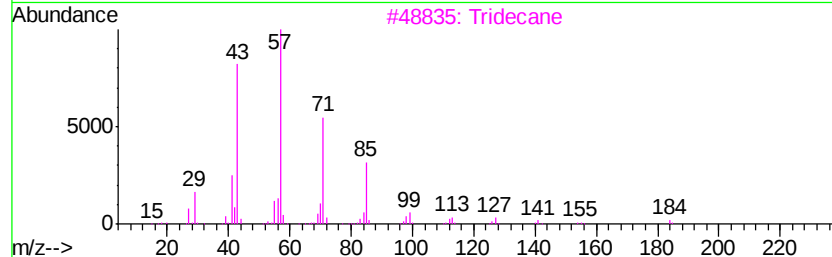
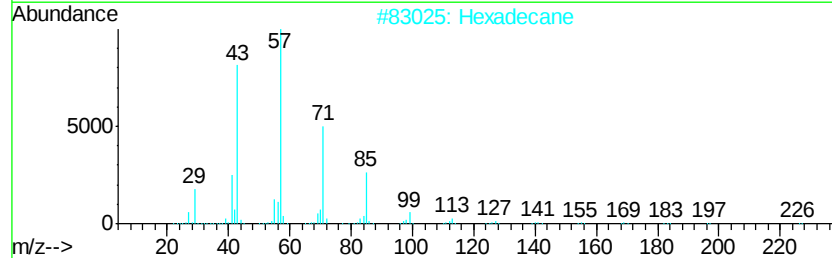
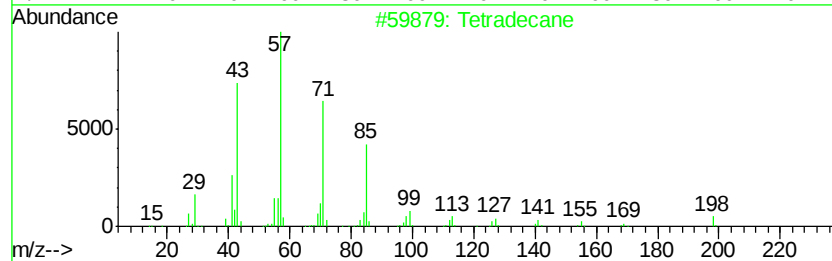
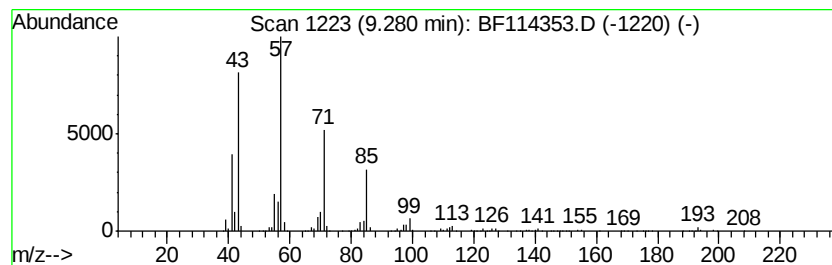
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	10.04 ng	933035	Acenaphthene-d10	9.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Undecane	156	C11H24	001120-21-4	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
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Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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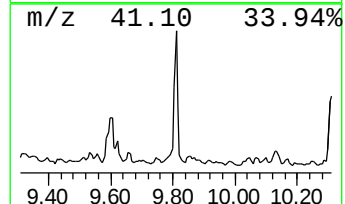
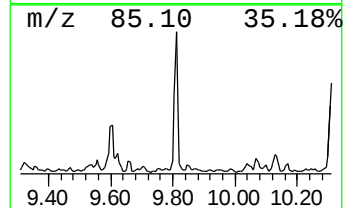
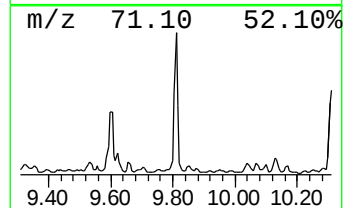
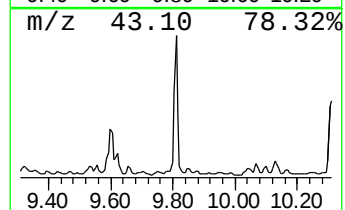
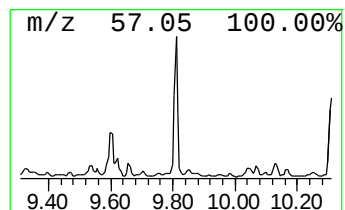
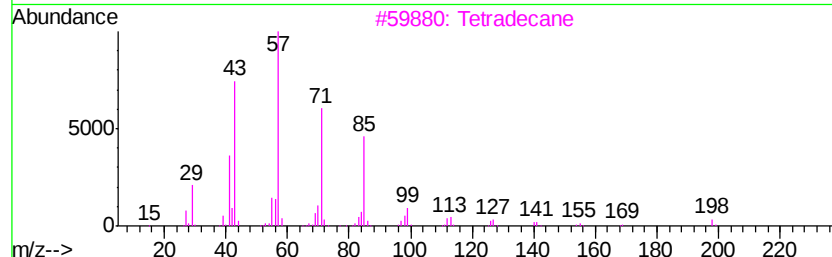
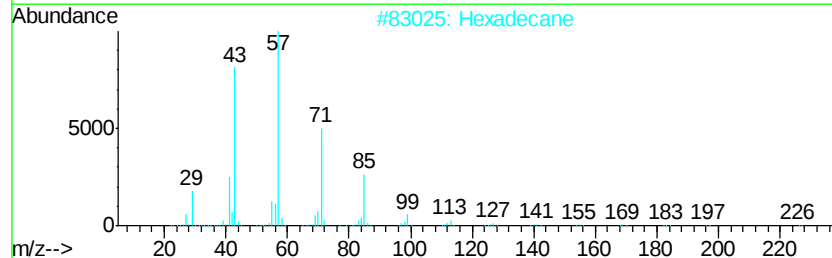
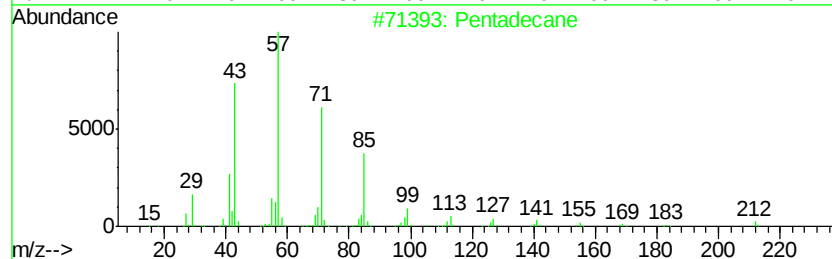
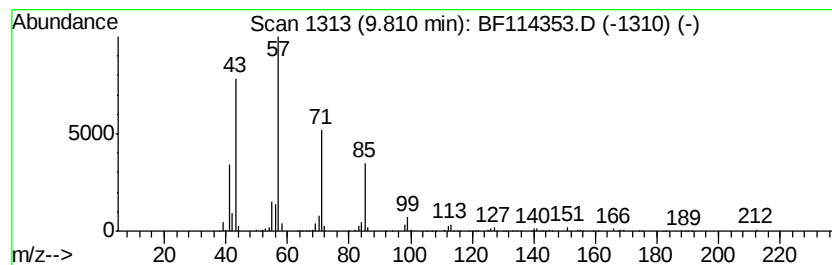
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	6.56 ng	609737	Acenaphthene-d10	9.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Hexadecane		226	C16H34	000544-76-3	91
3	Tetradecane		198	C14H30	000629-59-4	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Eicosane		282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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Sample : K2865-03
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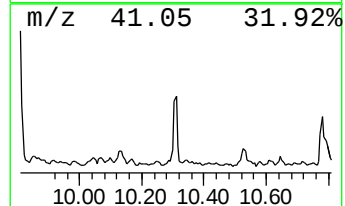
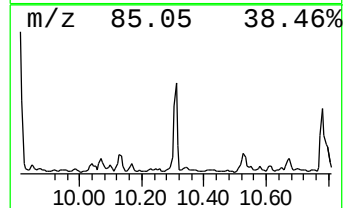
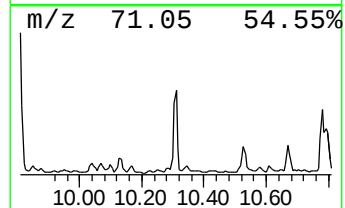
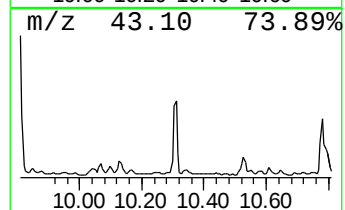
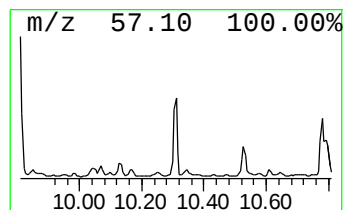
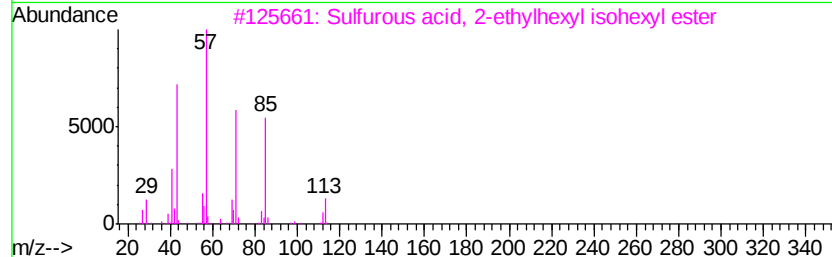
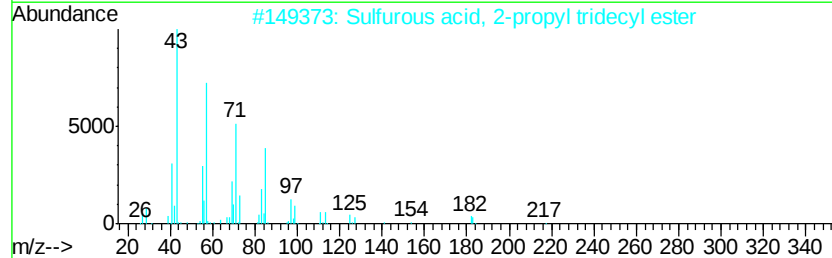
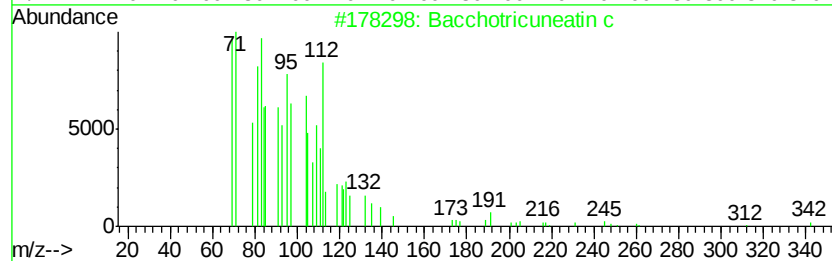
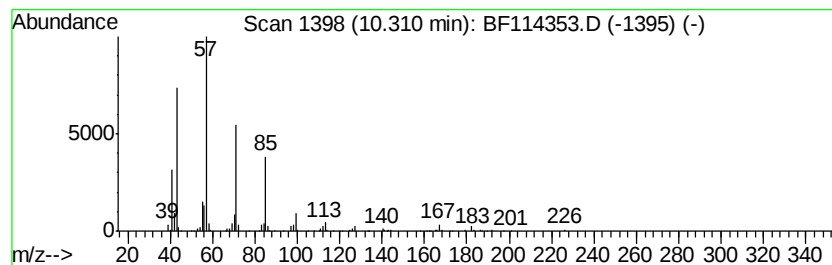
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.36 ng	404878	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 96
2		Sulfurous acid, 2-propyl tridecy...	306 C16H34O3S	1000309-12-4 86
3		Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0 72
4		2-Bromo dodecane	248 C12H25Br	013187-99-0 64
5		1,3-Dimethylcyclopentanol	114 C7H14O	019550-46-0 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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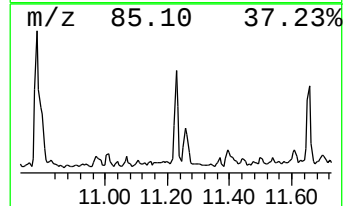
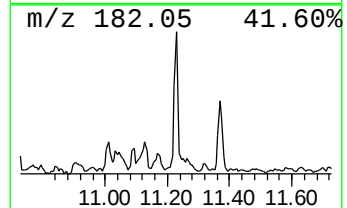
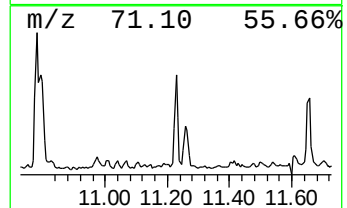
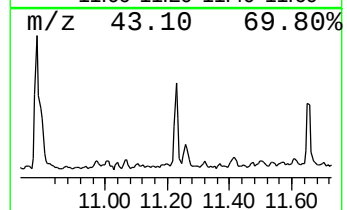
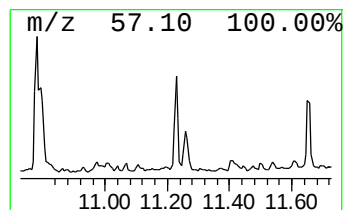
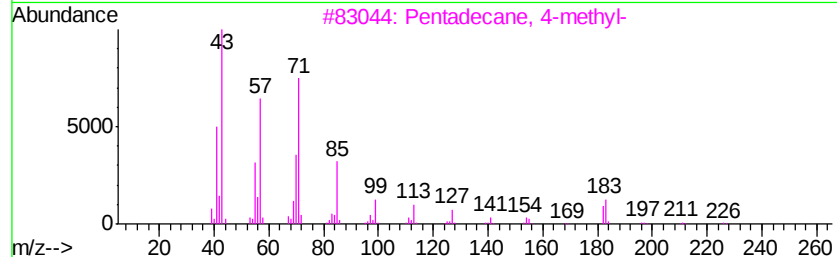
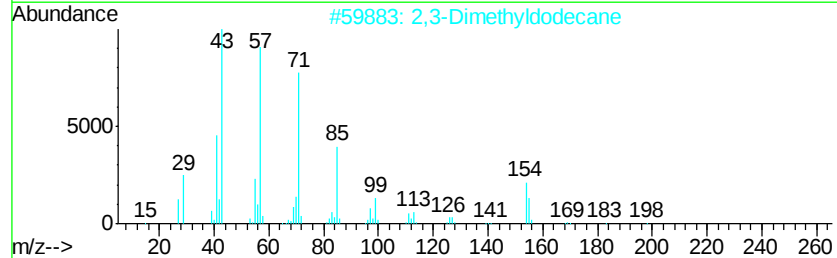
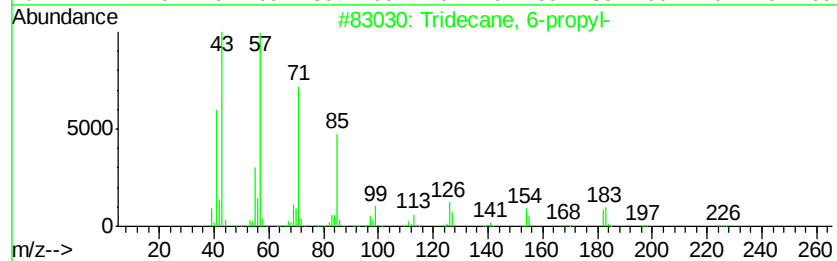
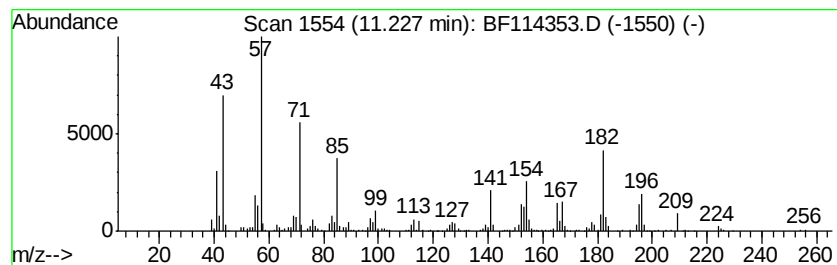
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.23 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.14 ng	394451	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	38
2		2,3-Dimethyldodecane	198	C14H30	006117-98-2	38
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	25
4		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	25
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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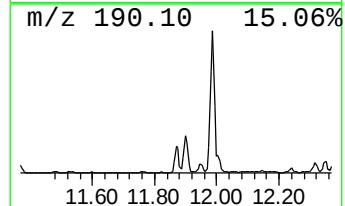
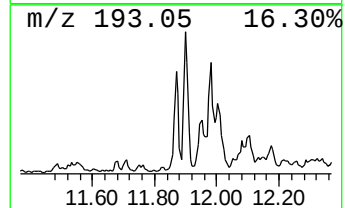
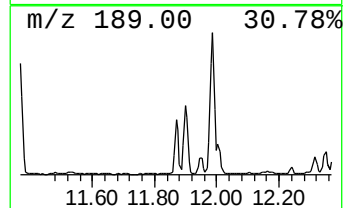
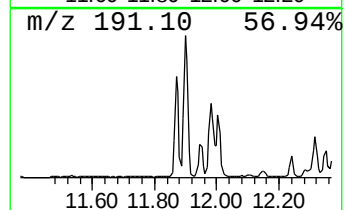
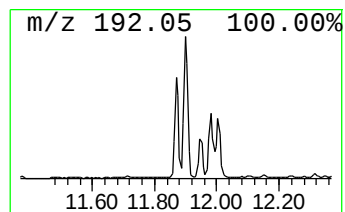
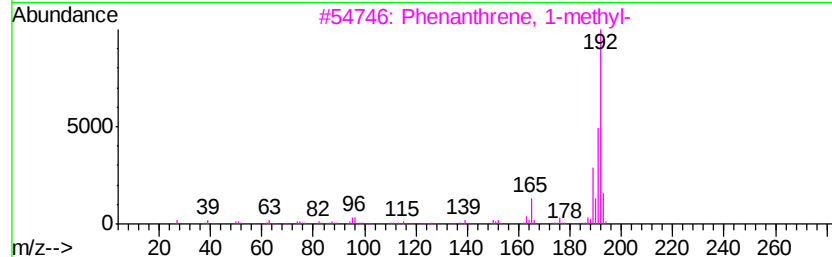
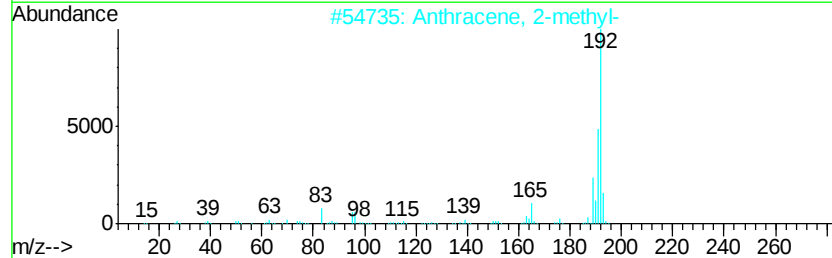
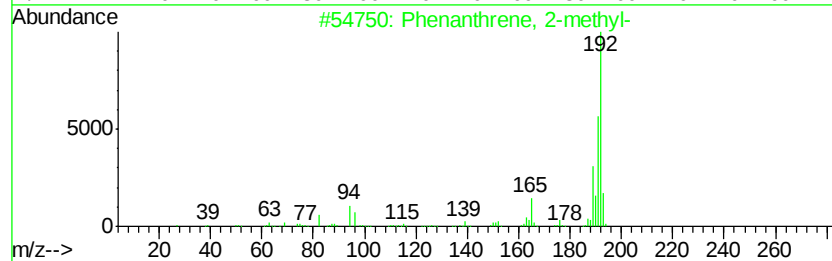
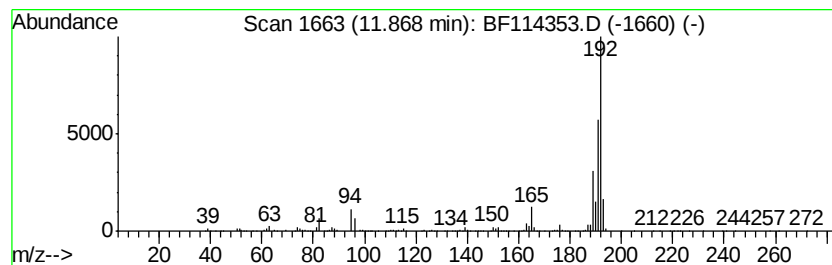
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.47 ng	521269	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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ALS Vial : 15 Sample Multiplier: 1

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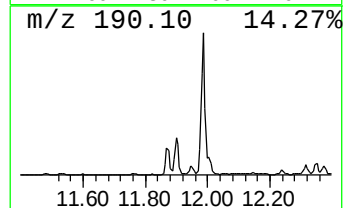
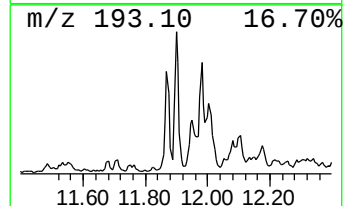
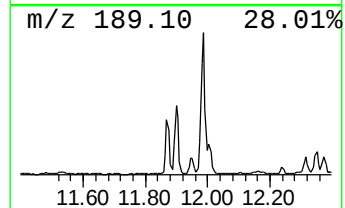
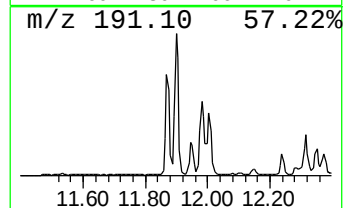
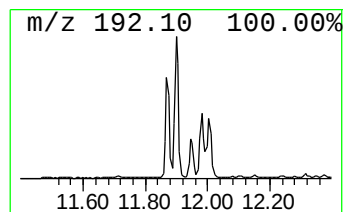
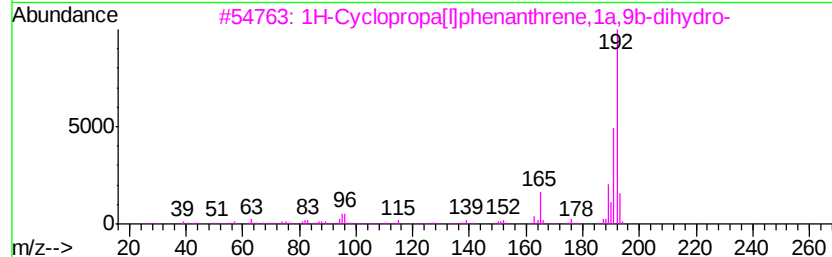
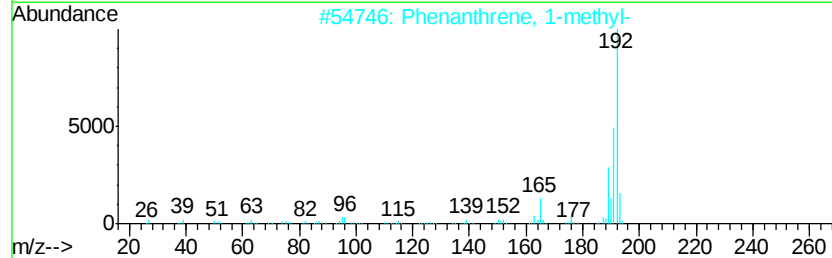
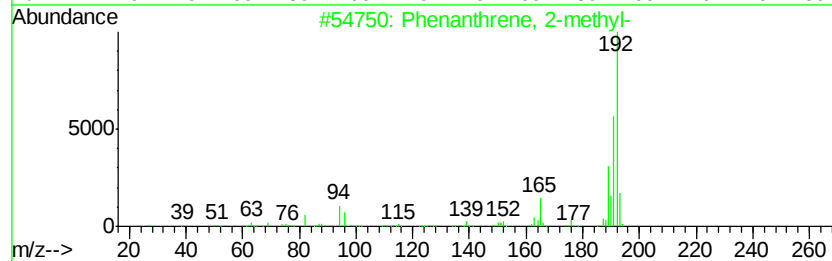
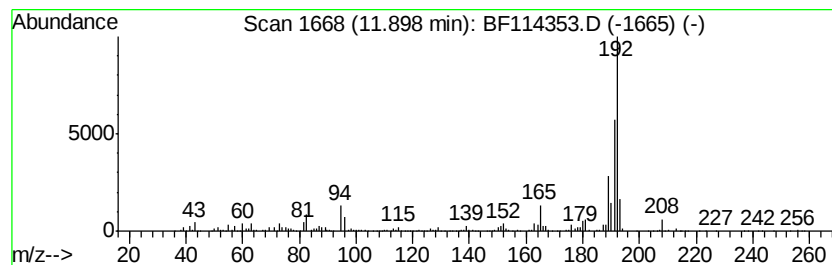
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.52 ng	1002090	Phenanthrene-d10	11.37

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	97
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-21-S

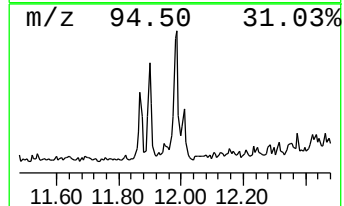
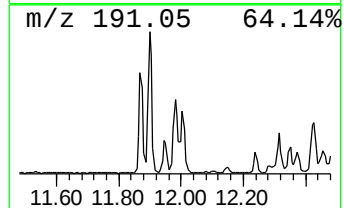
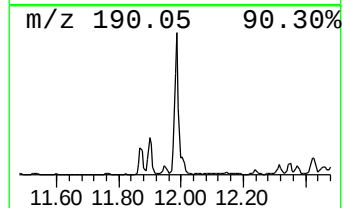
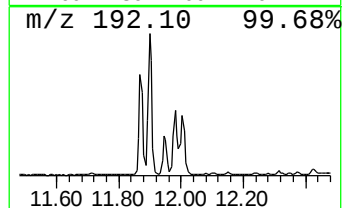
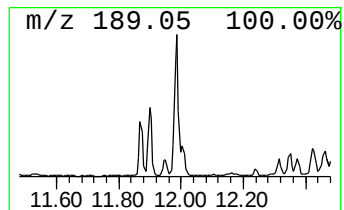
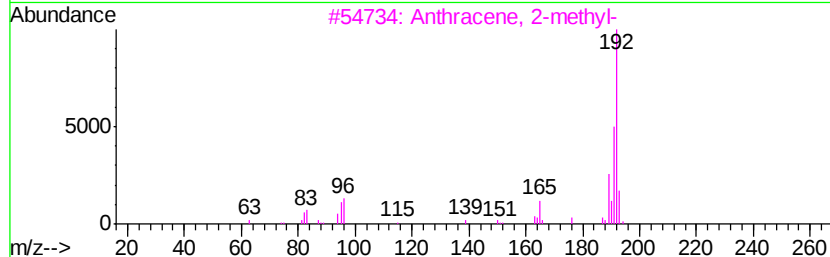
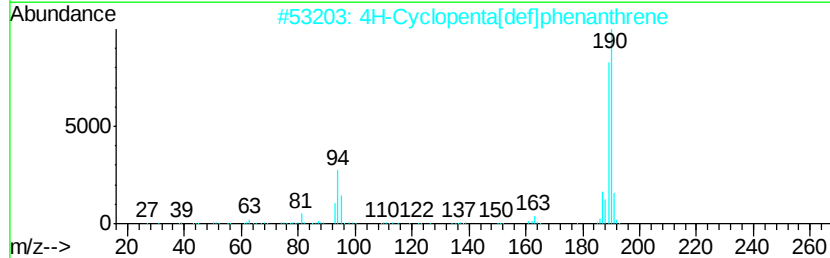
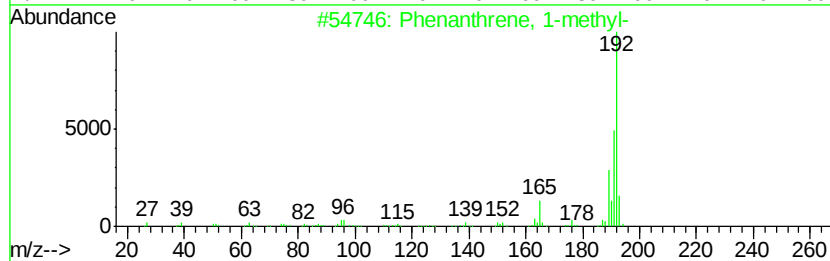
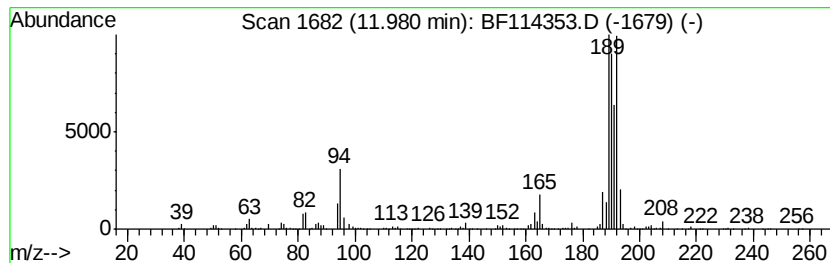
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.98 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.11 ng	772065	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
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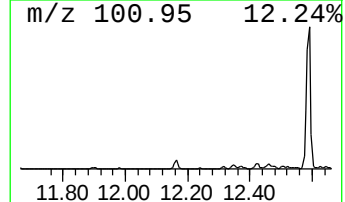
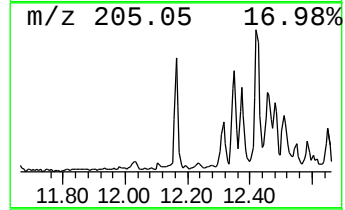
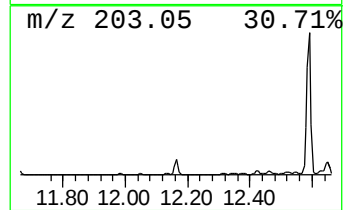
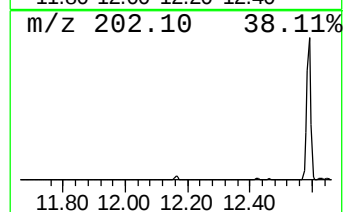
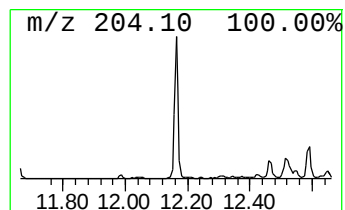
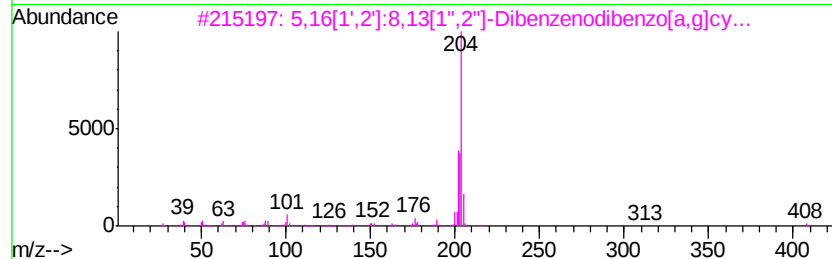
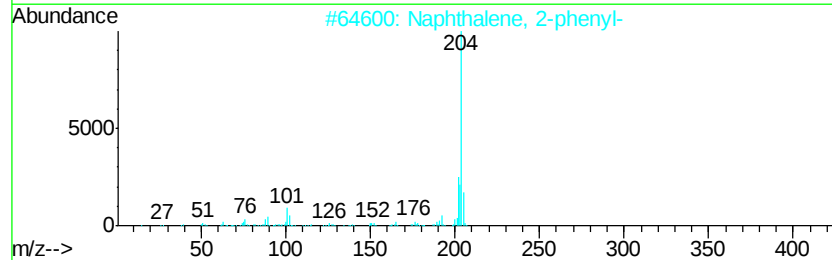
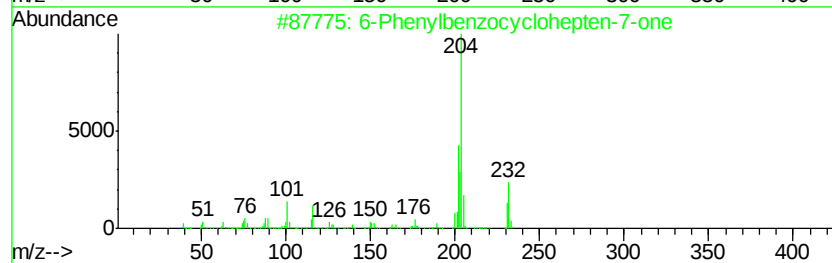
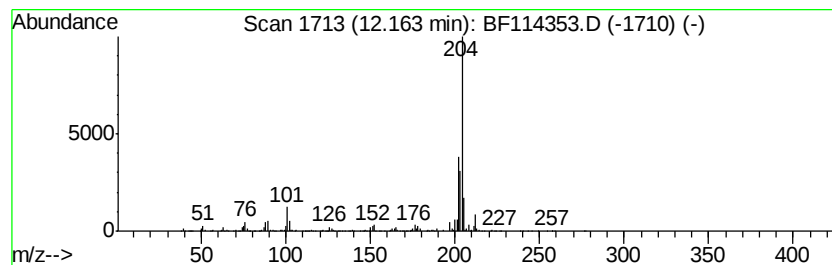
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 6-Phenylbenzocyclohepten-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.08 ng	388324	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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Sample : K2865-03
Misc :
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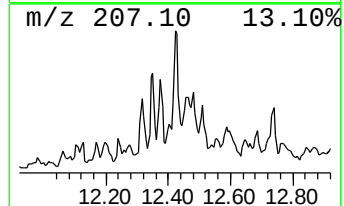
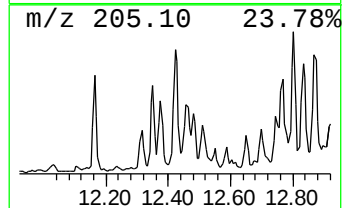
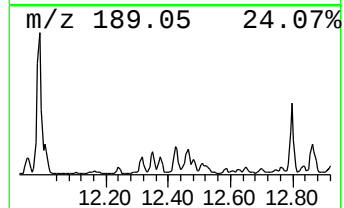
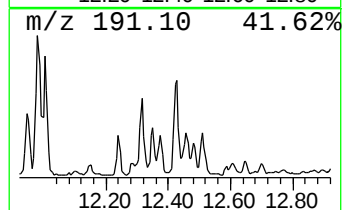
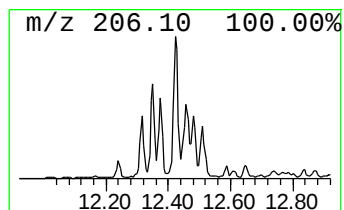
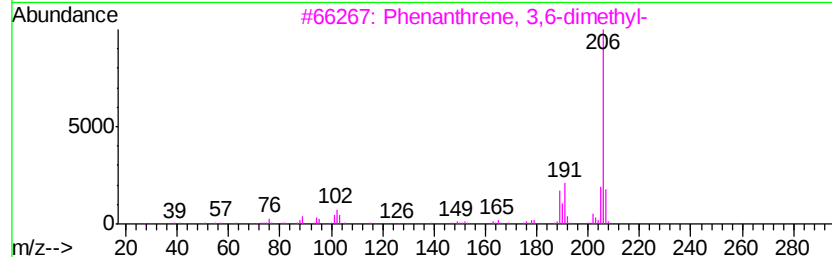
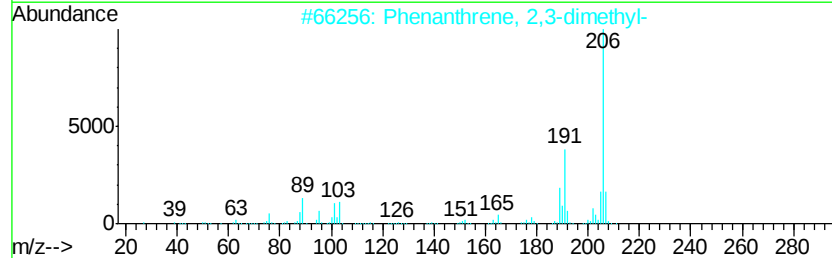
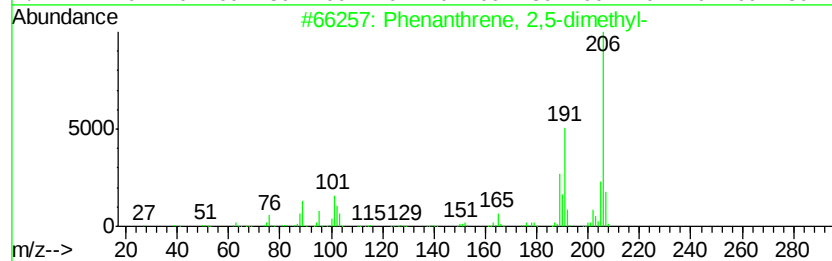
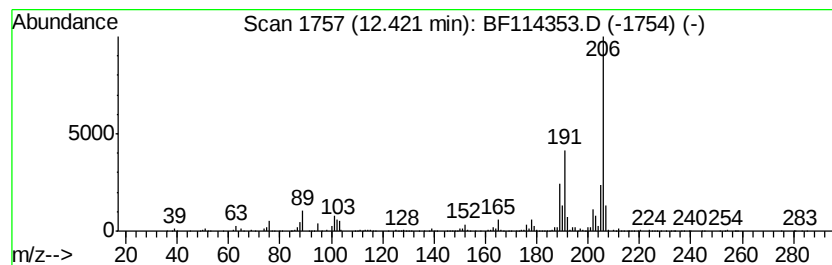
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.73 ng	450310	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
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Misc :
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ClientSampleId :
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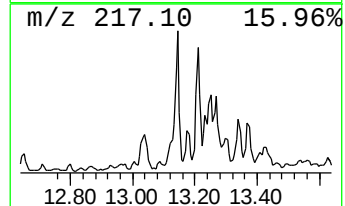
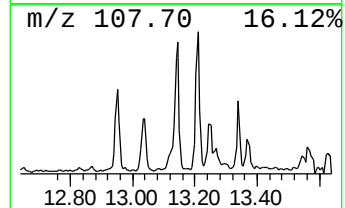
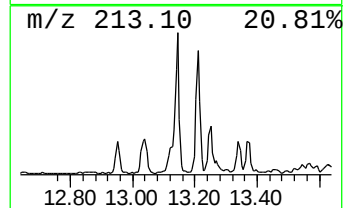
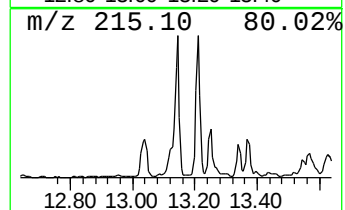
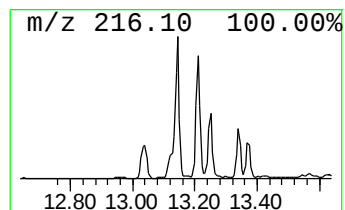
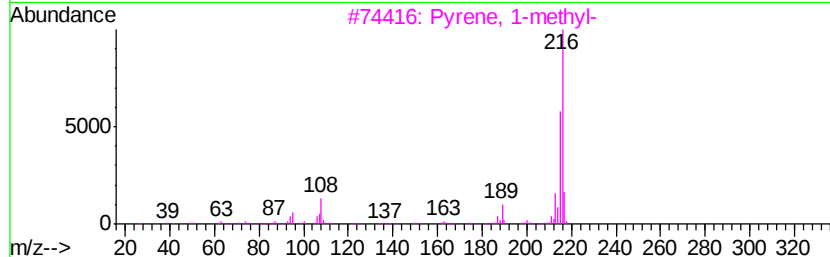
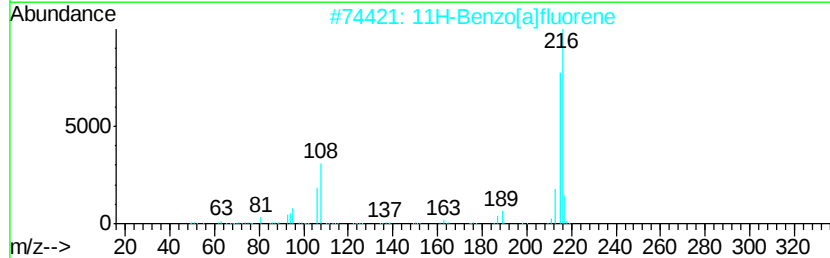
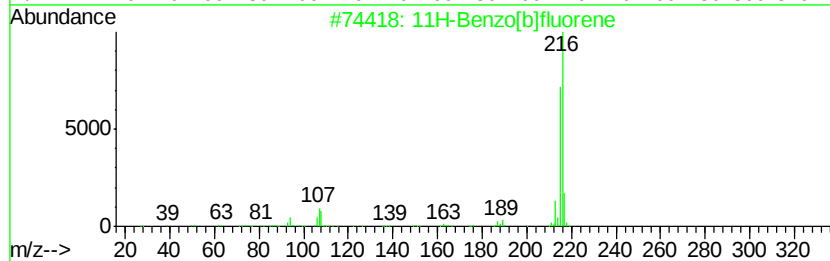
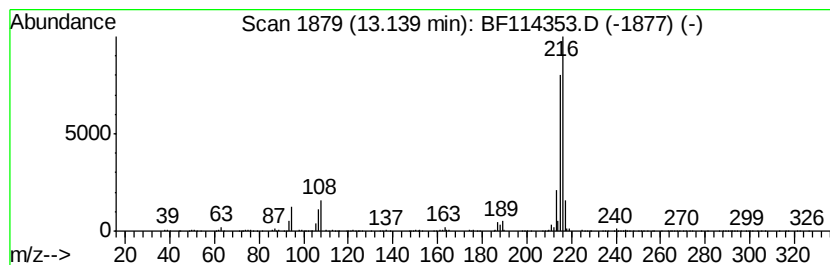
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.04 ng	1049950	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
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Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21-S

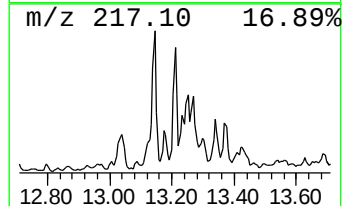
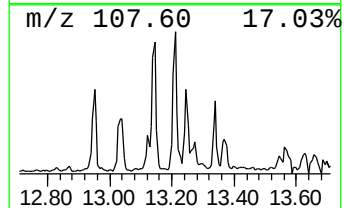
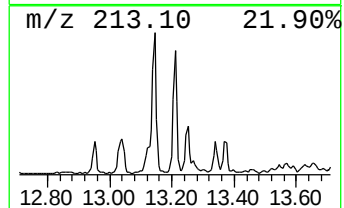
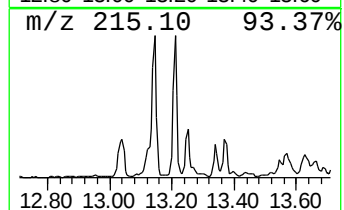
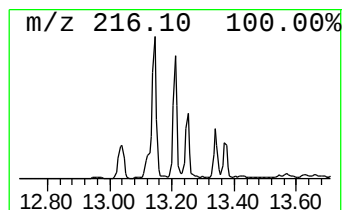
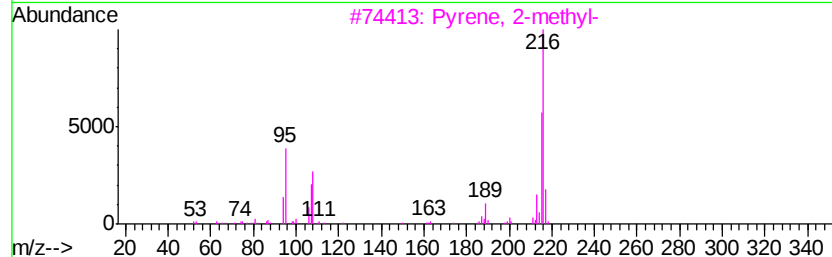
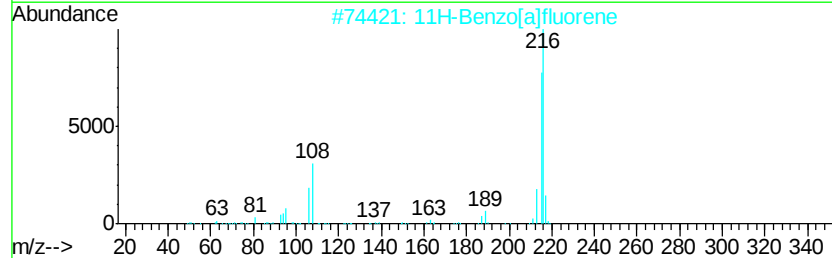
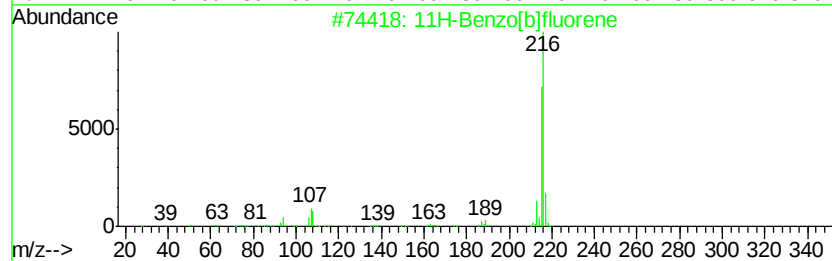
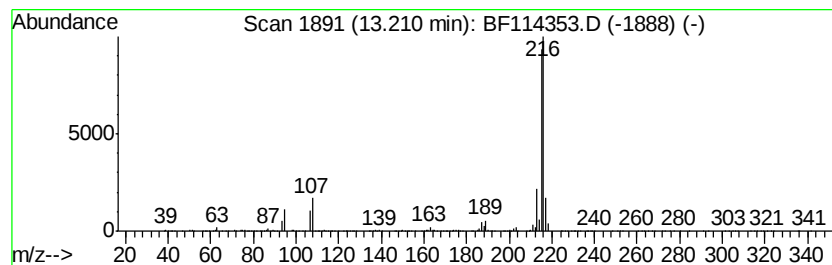
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.71 ng	981044	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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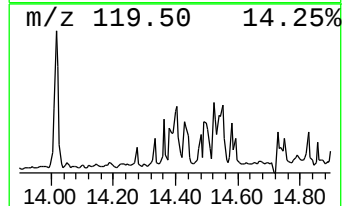
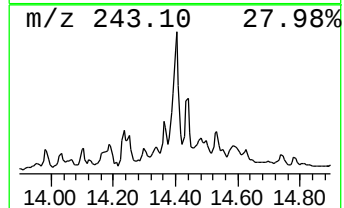
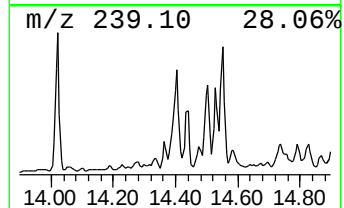
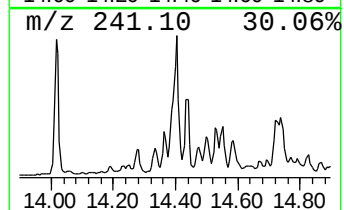
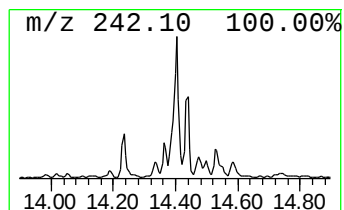
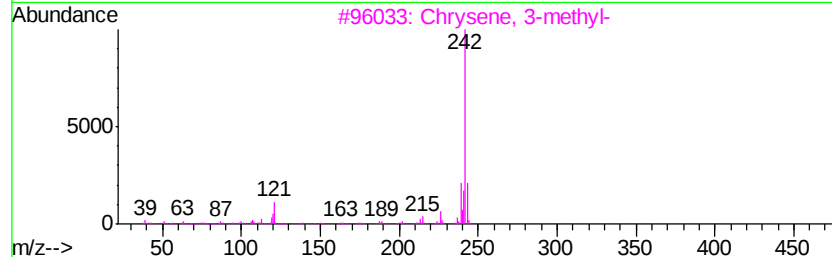
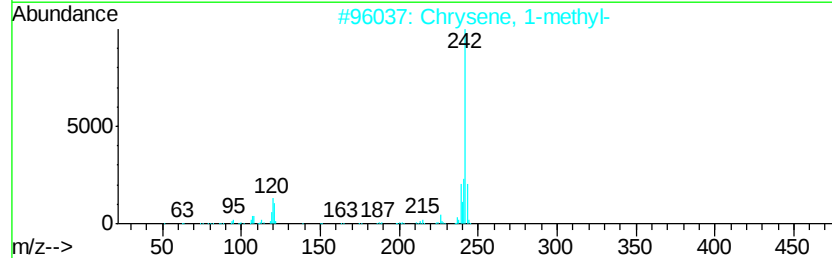
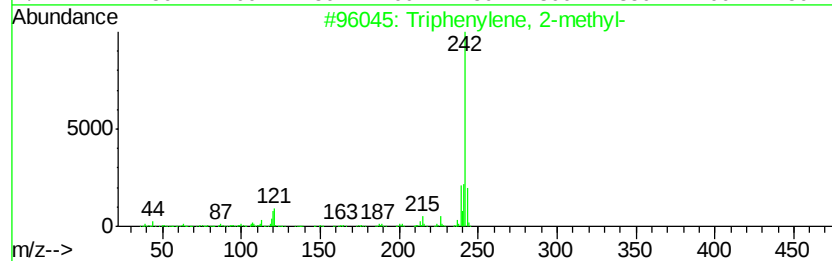
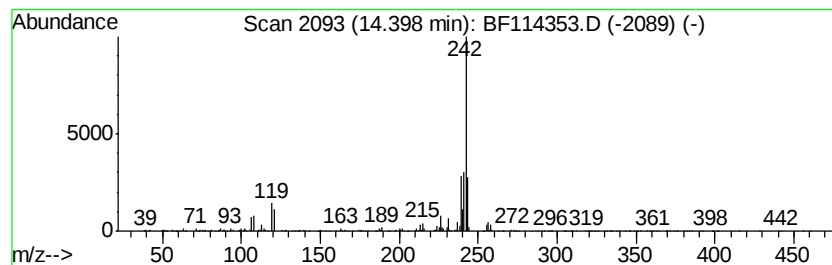
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.40	4.38 ng	912321	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	91
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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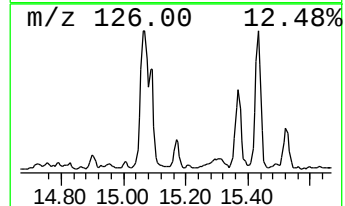
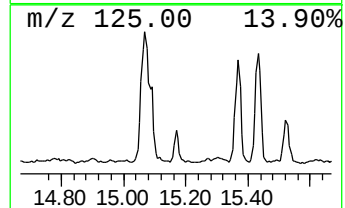
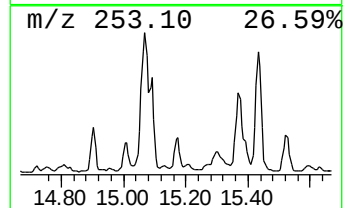
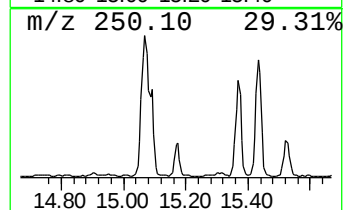
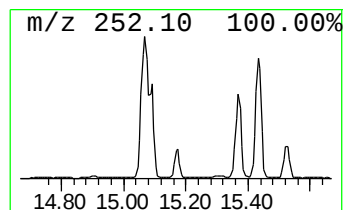
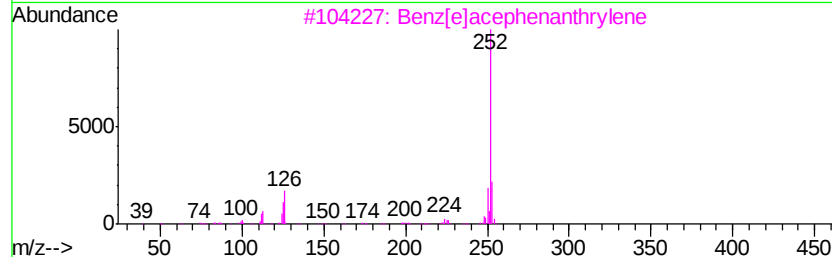
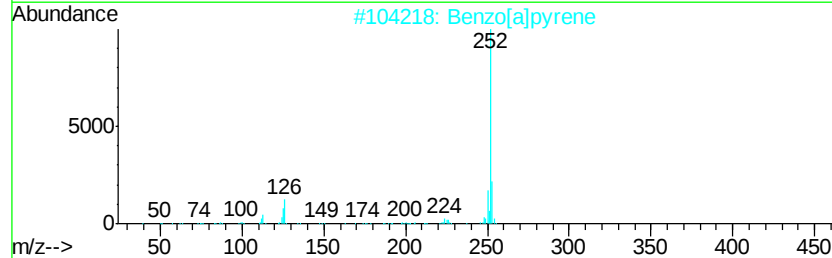
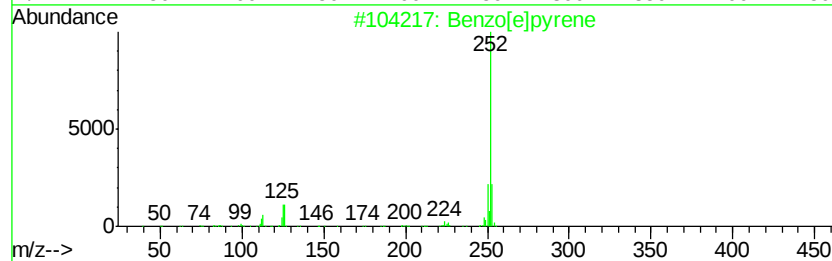
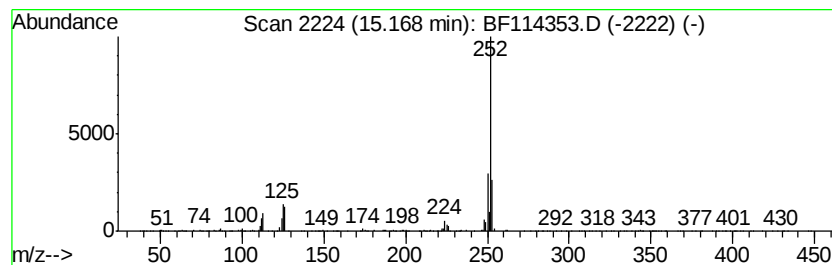
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.09 ng	392928	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	90
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21-S

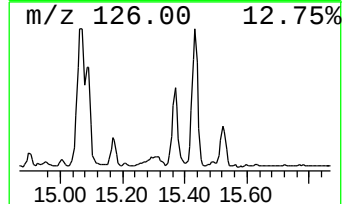
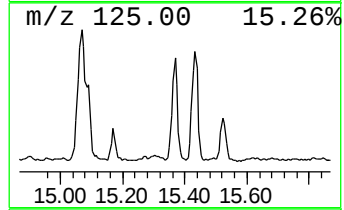
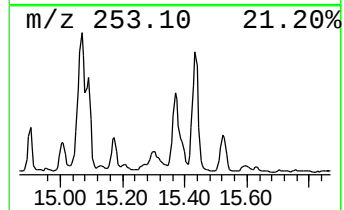
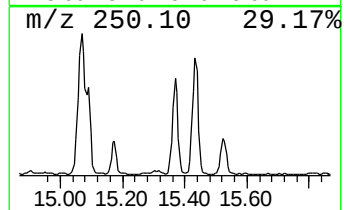
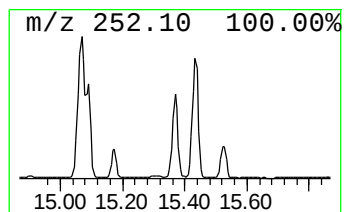
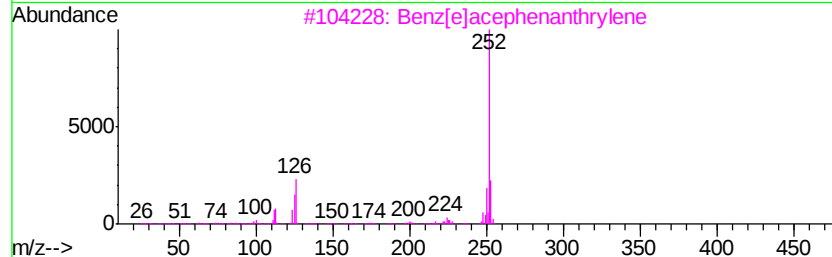
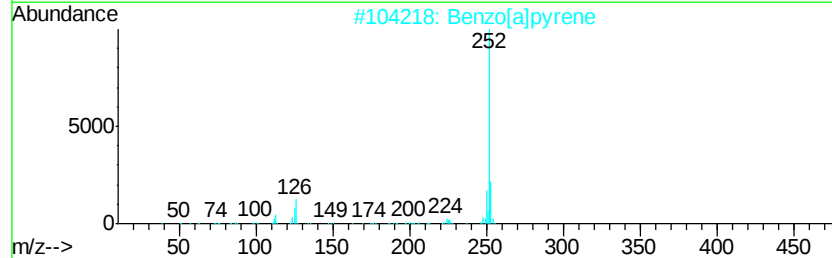
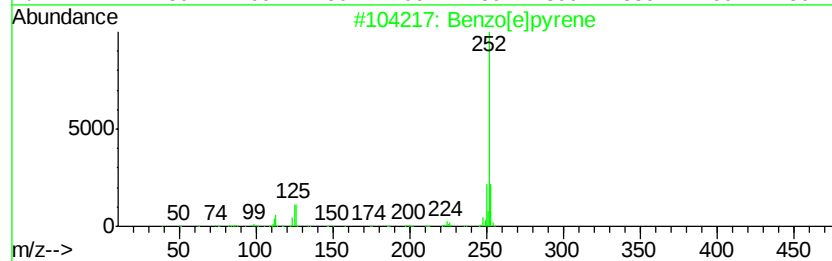
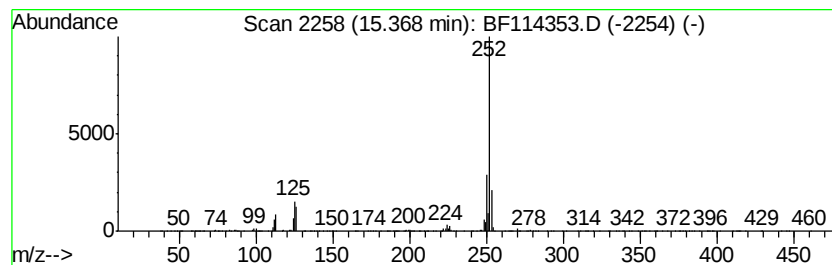
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	18.09 ng	1737740	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21-S

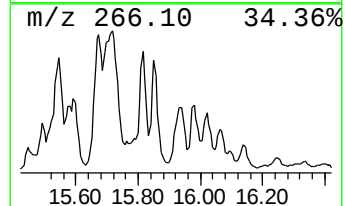
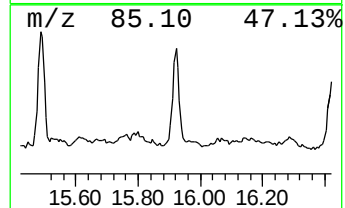
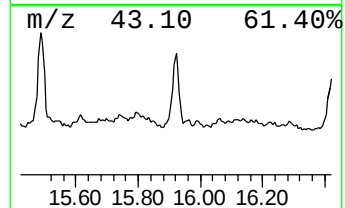
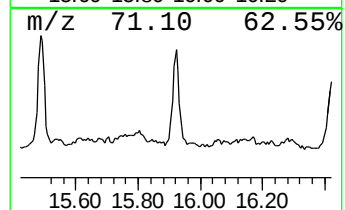
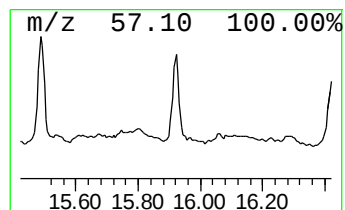
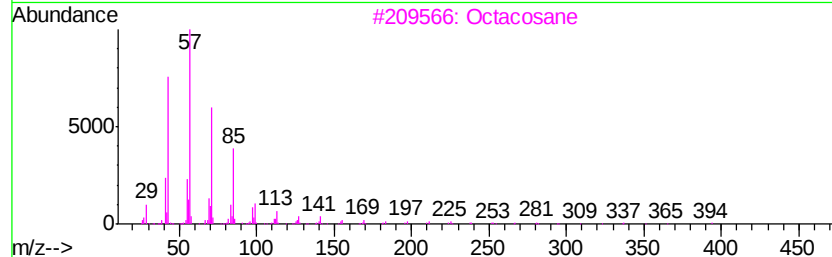
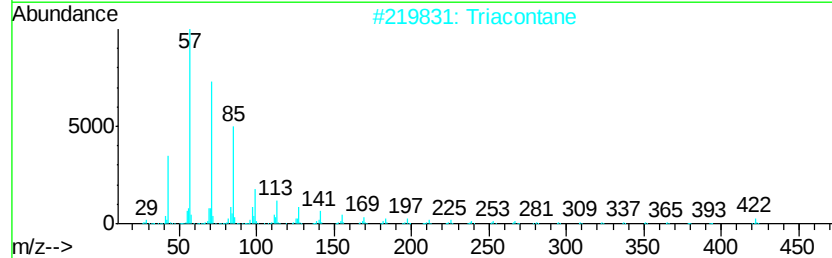
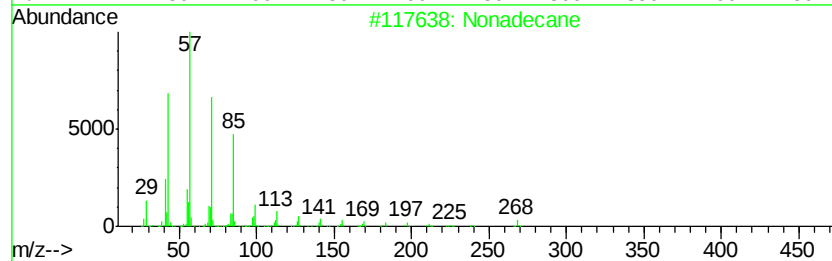
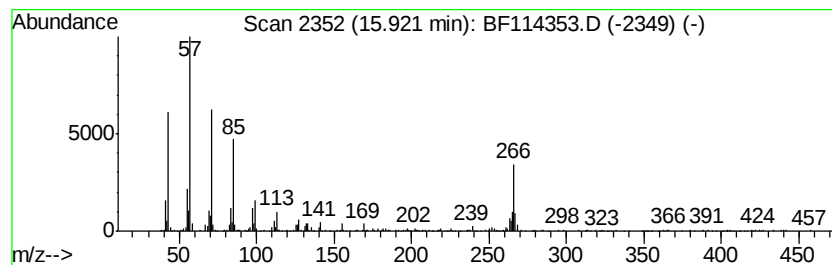
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	5.15 ng	494938	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Triacontane	422	C30H62	000638-68-6	68
3			Octacosane	394	C28H58	000630-02-4	64
4			2-methyloctacosane	408	C29H60	1000376-72-8	64
5			Heptadecane	240	C17H36	000629-78-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114353.D
 Acq On : 17 May 2019 16:47
 Operator : JU/SJ
 Sample : K2865-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.62	6.62	57.2	ng	4190960	1	6.85	1466510	20.0
Decane	6.68	5.8	ng	426920	1	6.85	1466510	20.0
Octane, 3,6-dimet...	8.55	5.6	ng	480180	2	8.13	1713520	20.0
Tridecane	8.72	11.8	ng	1009420	2	8.13	1713520	20.0
Tetradecane	9.28	10.0	ng	933035	3	9.88	1858240	20.0
Pentadecane	9.81	6.6	ng	609737	3	9.88	1858240	20.0
Bacchotricuneatin c	10.31	4.4	ng	404878	3	9.88	1858240	20.0
unknown11.23	11.23	4.1	ng	394451	4	11.37	1904990	20.0
Phenanthrene, 2-m...	11.87	5.5	ng	521269	4	11.37	1904990	20.0
Phenanthrene, 1-m...	11.90	10.5	ng	1002090	4	11.37	1904990	20.0
unknown11.98	11.98	8.1	ng	772065	4	11.37	1904990	20.0
6-Phenylbenzocycl...	12.16	4.1	ng	388324	4	11.37	1904990	20.0
Phenanthrene, 2,5...	12.42	4.7	ng	450310	4	11.37	1904990	20.0
11H-Benzo[b]fluorene	13.14	5.0	ng	1049950	5	14.02	4165970	20.0
11H-Benzo[a]fluorene	13.21	4.7	ng	981044	5	14.02	4165970	20.0
Triphenylene, 2-m...	14.40	4.4	ng	912321	5	14.02	4165970	20.0
Benzo[e]pyrene	15.17	4.1	ng	392928	6	15.49	1920800	20.0
Perylene	15.37	18.1	ng	1737740	6	15.49	1920800	20.0
Nonadecane	15.92	5.2	ng	494938	6	15.49	1920800	20.0