

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119743.D
 Acq On : 4 Apr 2020 4:26
 Operator : MA/SJ
 Sample : L2129-31
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF031820.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	5.040	493	502	511	rVB2	76306	140887	1.91%	0.139%
2	5.393	557	562	563	rBV	131452	127128	1.72%	0.125%
3	5.428	563	568	571	rVB	6513442	6865004	93.03%	6.765%
4	5.716	614	617	620	rBV	168617	139252	1.89%	0.137%
5	6.440	734	740	743	rBV	5164397	6841846	92.72%	6.742%
6	6.640	770	774	777	rBV2	190857	247688	3.36%	0.244%
7	6.804	798	802	809	rVB	1480216	1234306	16.73%	1.216%
8	6.963	824	829	832	rBV	6132375	5403967	73.23%	5.325%
9	7.204	865	870	873	rBV2	100920	129104	1.75%	0.127%
10	7.369	887	898	901	rBV	3986654	4715566	63.90%	4.647%
11	7.404	901	904	907	rVB	188132	150111	2.03%	0.148%
12	8.086	1016	1020	1023	rBV	1738426	1595575	21.62%	1.572%
13	8.516	1089	1093	1097	rBV	141810	137384	1.86%	0.135%
14	9.169	1198	1204	1207	rBV	7508252	7379304	100.00%	7.271%
15	9.433	1245	1249	1252	rVB2	86554	122530	1.66%	0.121%
16	9.504	1258	1261	1263	rBV	160553	141758	1.92%	0.140%
17	9.557	1267	1270	1275	rVV	790593	753203	10.21%	0.742%
18	9.704	1290	1295	1299	rBV	303419	249056	3.38%	0.245%
19	9.845	1313	1319	1322	rBV	1987578	1669740	22.63%	1.645%
20	9.875	1322	1324	1328	rVB	235535	215397	2.92%	0.212%
21	10.045	1350	1353	1357	rVB	339238	304692	4.13%	0.300%
22	10.392	1408	1412	1418	rVB2	244845	289589	3.92%	0.285%
23	10.551	1436	1439	1443	rVB	253045	208877	2.83%	0.206%
24	10.639	1448	1454	1457	rVV	4256371	4520356	61.26%	4.454%
25	10.680	1457	1461	1465	rVB3	88668	139256	1.89%	0.137%
26	10.757	1470	1474	1479	rBV2	276254	380454	5.16%	0.375%
27	10.945	1499	1506	1508	rBV4	128439	206530	2.80%	0.204%
28	11.069	1524	1527	1529	rBV2	207492	188880	2.56%	0.186%
29	11.092	1529	1531	1536	rVV	210466	229528	3.11%	0.226%
30	11.133	1536	1538	1542	rVB	338122	318896	4.32%	0.314%
31	11.180	1542	1546	1552	rBV3	266138	524819	7.11%	0.517%
32	11.227	1552	1554	1560	rVB	318191	319002	4.32%	0.314%
33	11.333	1568	1572	1574	rBV	1574811	1499206	20.32%	1.477%
34	11.357	1574	1576	1580	rVV	3529641	3273047	44.35%	3.225%

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Integrator: RTE

Smoothing : ON

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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-BF031820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.410	1580	1585	1587	rVV	742028	693703	9.40%	0.684%
36	11.439	1587	1590	1594	rVV2	206431	184010	2.49%	0.181%
37	11.563	1605	1611	1613	rBV2	346041	362100	4.91%	0.357%
38	11.586	1613	1615	1617	rVV	157470	155029	2.10%	0.153%
39	11.633	1620	1623	1625	rVV2	205306	198699	2.69%	0.196%
40	11.663	1625	1628	1633	rVB4	207729	199772	2.71%	0.197%
41	11.833	1654	1657	1659	rVV	770682	691571	9.37%	0.681%
42	11.863	1659	1662	1666	rVV	2217938	2087391	28.29%	2.057%
43	11.910	1666	1670	1673	rVV2	405410	423983	5.75%	0.418%
44	11.945	1673	1676	1678	rVV	857209	900860	12.21%	0.888%
45	11.969	1678	1680	1685	rVB	658812	524512	7.11%	0.517%
46	12.039	1690	1692	1695	rVV2	221200	175145	2.37%	0.173%
47	12.133	1705	1708	1710	rVV	526116	521829	7.07%	0.514%
48	12.151	1710	1711	1715	rVB	406471	319946	4.34%	0.315%
49	12.280	1731	1733	1736	rVB	250401	188275	2.55%	0.186%
50	12.310	1736	1738	1740	rBV	203926	151268	2.05%	0.149%
51	12.333	1740	1742	1745	rVB	225232	186046	2.52%	0.183%
52	12.386	1747	1751	1754	rBV	533146	547199	7.42%	0.539%
53	12.427	1754	1758	1759	rVV2	325449	372207	5.04%	0.367%
54	12.445	1759	1761	1763	rVV	244017	178664	2.42%	0.176%
55	12.469	1763	1765	1771	rVB	523092	536558	7.27%	0.529%
56	12.551	1775	1779	1782	rBV	4376001	3853520	52.22%	3.797%
57	12.592	1784	1786	1788	rBV	144270	141456	1.92%	0.139%
58	12.651	1792	1796	1798	rBV2	380636	424643	5.75%	0.418%
59	12.780	1812	1818	1821	rBV2	3596005	4082953	55.33%	4.023%
60	12.821	1823	1825	1831	rVB2	328157	470486	6.38%	0.464%
61	12.892	1834	1837	1839	rBV2	374654	388078	5.26%	0.382%
62	12.927	1839	1843	1849	rVB	5224787	5333035	72.27%	5.255%
63	12.998	1849	1855	1858	rBV4	503393	850283	11.52%	0.838%
64	13.051	1862	1864	1866	rBV2	123122	134244	1.82%	0.132%
65	13.080	1866	1869	1871	rVV4	358799	449247	6.09%	0.443%
66	13.104	1871	1873	1876	rVB	561009	470623	6.38%	0.464%
67	13.169	1880	1884	1886	rVV4	235425	328089	4.45%	0.323%
68	13.210	1887	1891	1894	rVV2	781960	919132	12.46%	0.906%
69	13.298	1904	1906	1909	rVB	335642	277042	3.75%	0.273%
70	13.333	1909	1912	1915	rBV2	328495	353154	4.79%	0.348%
71	13.404	1921	1924	1929	rVB4	127534	183694	2.49%	0.181%

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 Sampling : 1 Min Area: 3 % of largest Peak
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72	13.498	1935	1940	1948	rBV10	282920	773335	10.48%	0.762%
73	13.610	1956	1959	1963	rVB	827535	745992	10.11%	0.735%
74	13.721	1974	1978	1981	rBV2	509311	657836	8.91%	0.648%
75	13.751	1981	1983	1985	rVV	527724	430753	5.84%	0.424%
76	13.774	1985	1987	1988	rVV	303217	269315	3.65%	0.265%
77	13.821	1991	1995	2001	rVB4	1427158	1646877	22.32%	1.623%
78	13.968	2013	2020	2024	rBV2	2426360	3757830	50.92%	3.703%
79	14.004	2024	2026	2031	rVB	2177285	1823314	24.71%	1.797%
80	14.145	2047	2050	2055	rVV5	303711	502065	6.80%	0.495%
81	14.198	2055	2059	2062	rVV3	227480	306985	4.16%	0.302%
82	14.227	2062	2064	2067	rVB	164847	150469	2.04%	0.148%
83	14.363	2084	2087	2090	rVB	616767	532828	7.22%	0.525%
84	14.392	2090	2092	2096	rBV2	342203	325360	4.41%	0.321%
85	14.451	2099	2102	2105	rVV3	348467	355946	4.82%	0.351%
86	14.486	2105	2108	2110	rBV	251949	197878	2.68%	0.195%
87	14.663	2135	2138	2140	rBV2	195792	238605	3.23%	0.235%
88	14.751	2151	2153	2156	rVB2	219330	203094	2.75%	0.200%
89	15.010	2192	2197	2200	rBV	1492761	2346881	31.80%	2.313%
90	15.086	2207	2210	2212	rBV3	231264	264895	3.59%	0.261%
91	15.115	2212	2215	2219	rVB	401503	441571	5.98%	0.435%
92	15.204	2227	2230	2231	rBV3	111509	125375	1.70%	0.124%
93	15.310	2244	2248	2253	rVB	823250	1085159	14.71%	1.069%
94	15.368	2254	2258	2264	rVB	1283645	1601875	21.71%	1.578%
95	15.433	2264	2269	2271	rBV	785687	997381	13.52%	0.983%
96	15.462	2271	2274	2280	rVB3	409907	584214	7.92%	0.576%
97	15.898	2345	2348	2353	rVB3	130078	174549	2.37%	0.172%
98	15.951	2353	2357	2360	rBV3	156610	243134	3.29%	0.240%
99	16.868	2508	2513	2521	rVB2	490682	940817	12.75%	0.927%
100	17.304	2582	2587	2601	rVB	363221	840730	11.39%	0.828%

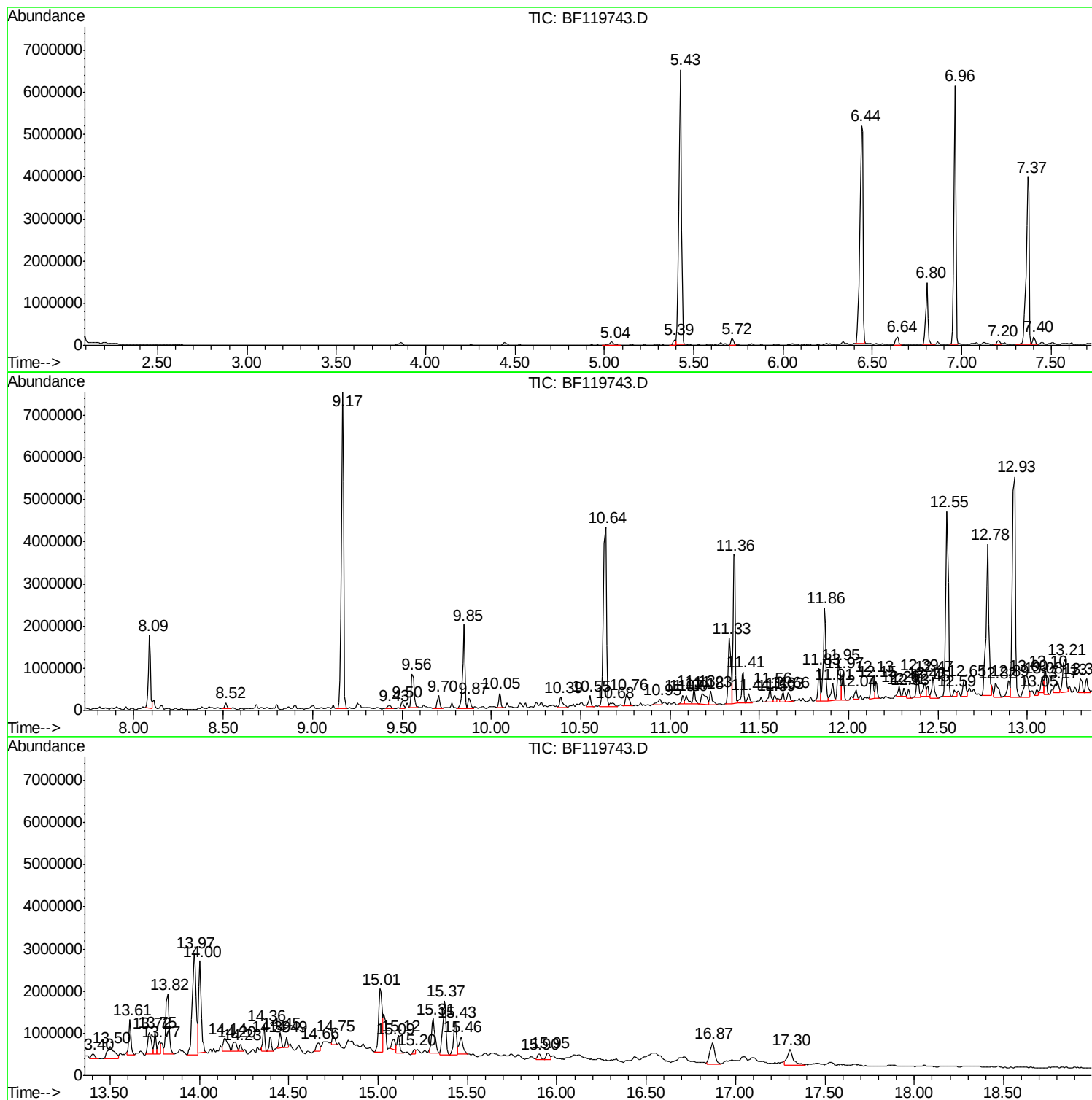
Sum of corrected areas: 101485447

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Instrument :
BNA_F
ClientSampled :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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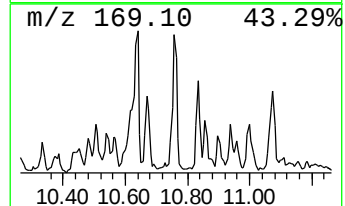
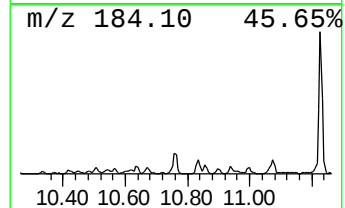
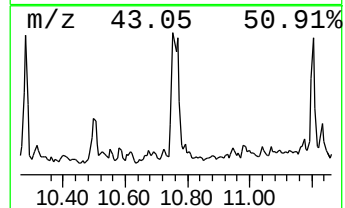
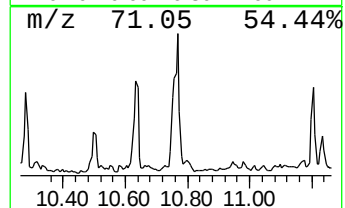
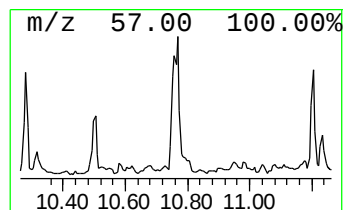
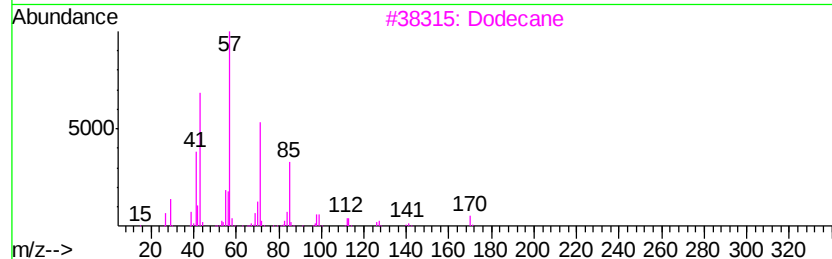
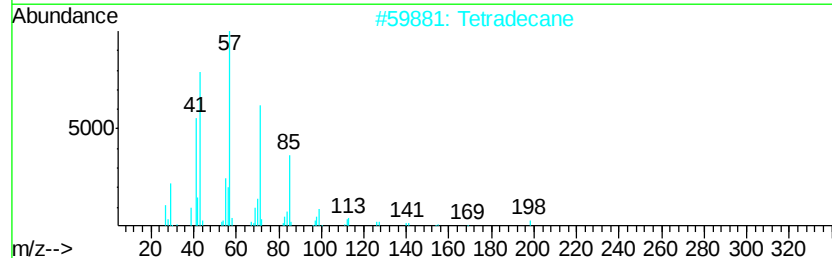
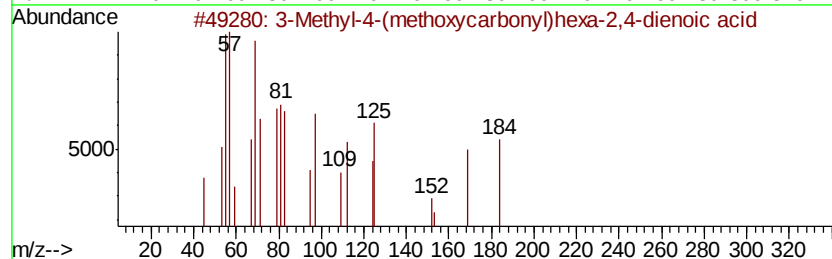
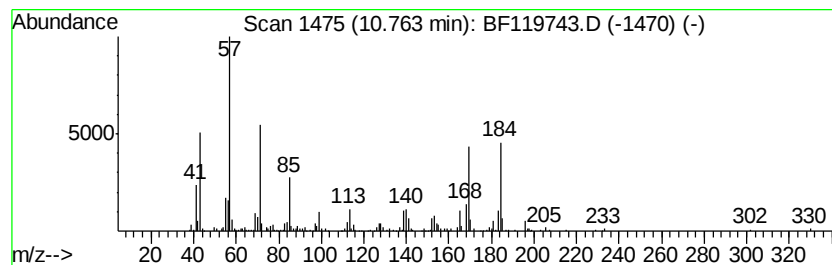
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Methyl-4-(methoxycarbonyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	5.08 ng	380454	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
2		Tetradecane	198	C14H30	000629-59-4	47
3		Dodecane	170	C12H26	000112-40-3	38
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
5		Hexadecane	226	C16H34	000544-76-3	18



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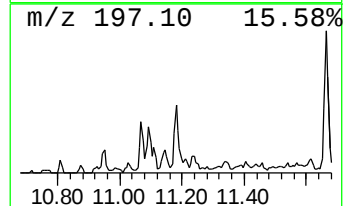
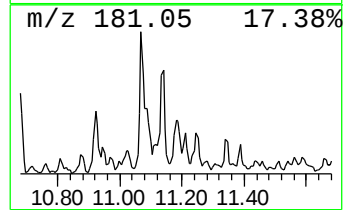
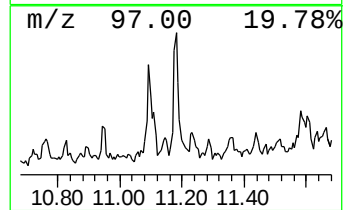
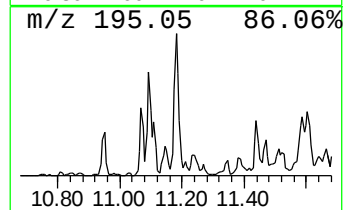
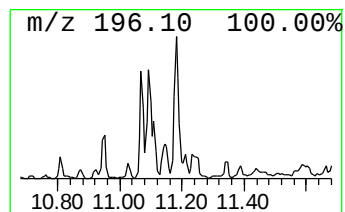
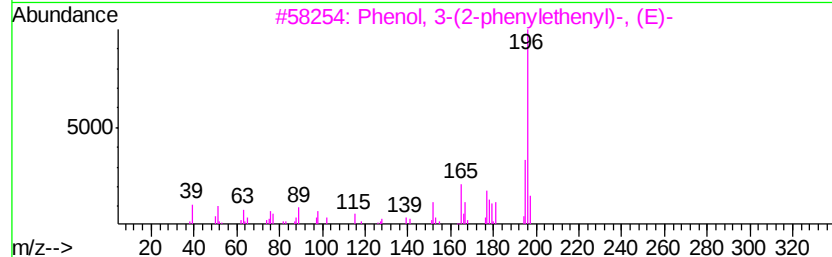
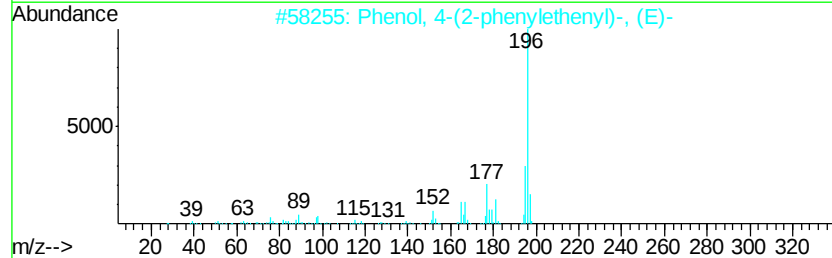
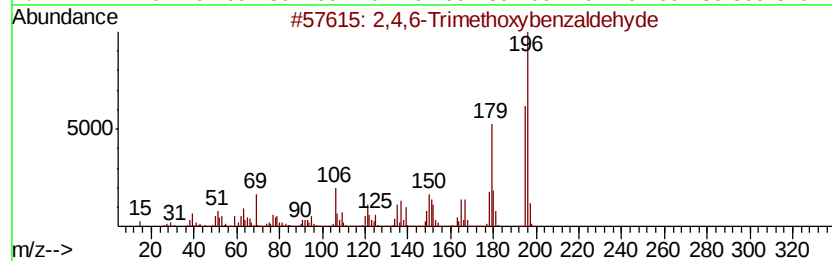
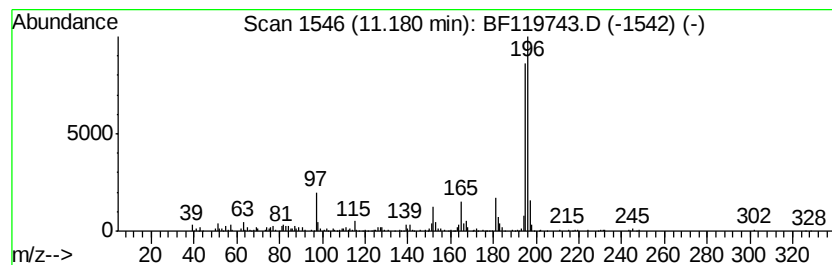
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,4,6-Trimethoxybenzaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.18	7.00 ng	524819	Phenanthrene-d10		11.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	59
2		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
3		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
5		Barbituric acid, 5-allyl-5-isopr...	238	C12H18N2O3	027509-65-5	47



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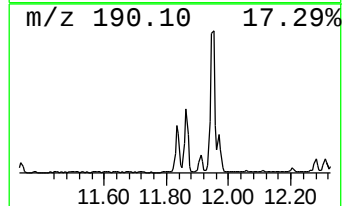
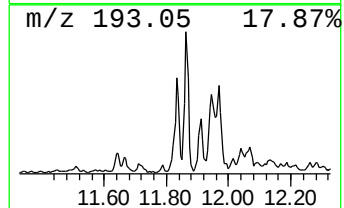
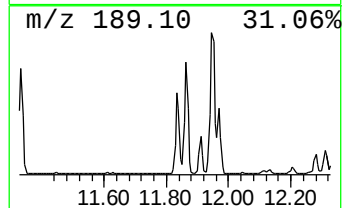
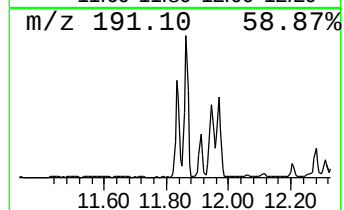
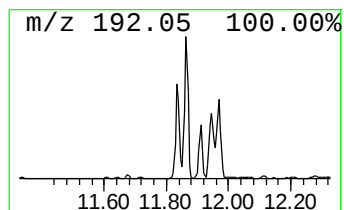
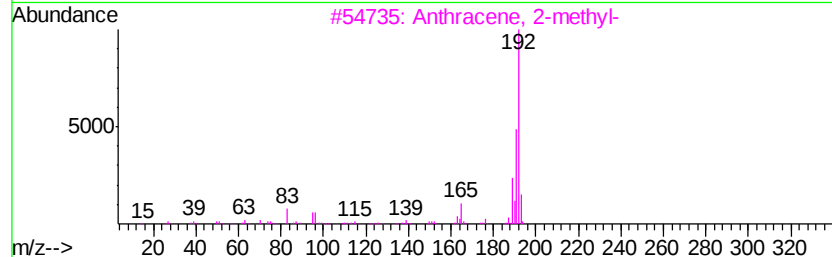
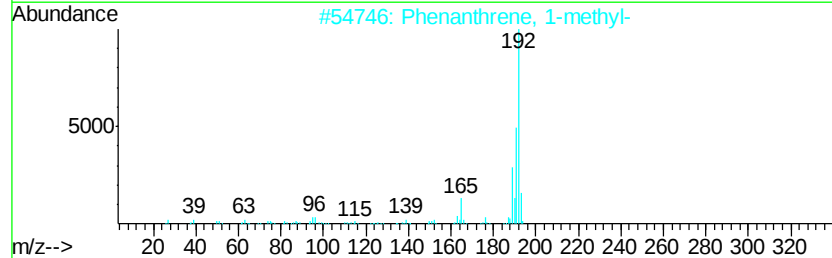
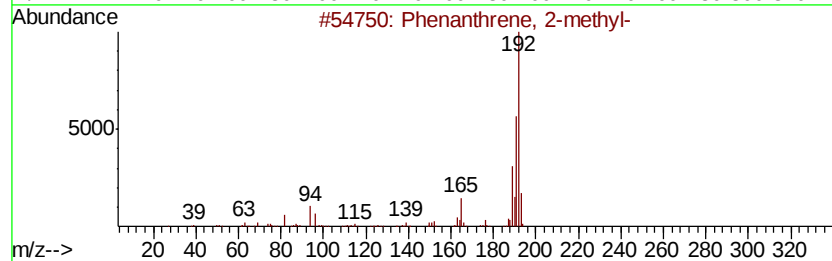
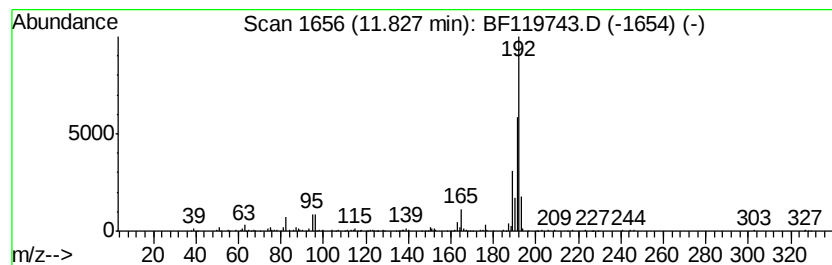
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	9.23 ng	691571	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
Operator : MA/SJ
Sample : L2129-31
Misc :
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Instrument :
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ClientSampleId :
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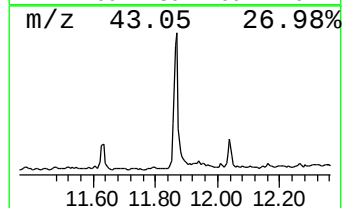
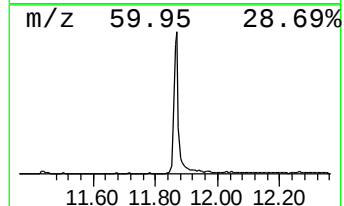
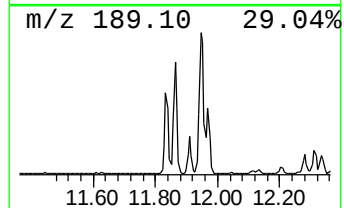
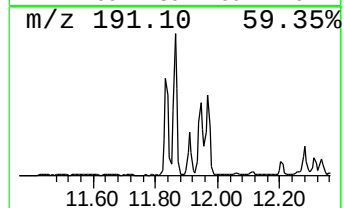
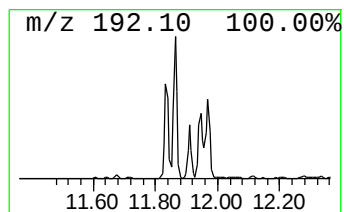
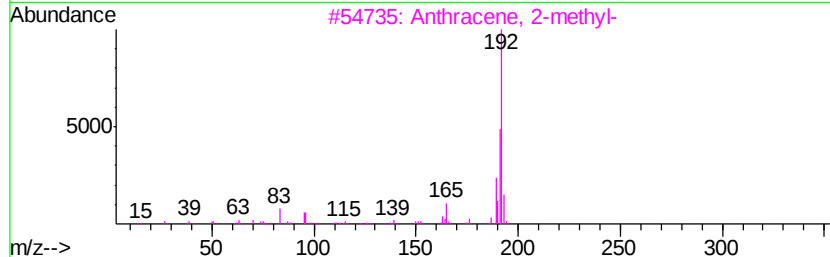
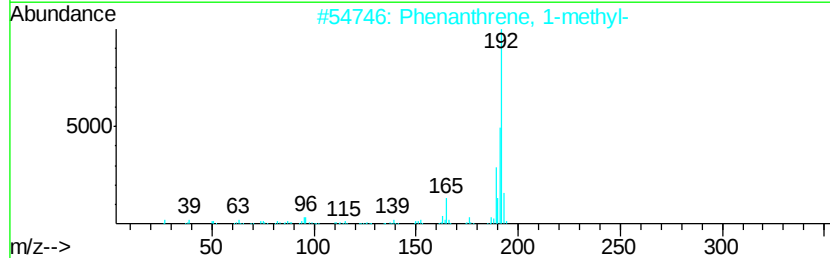
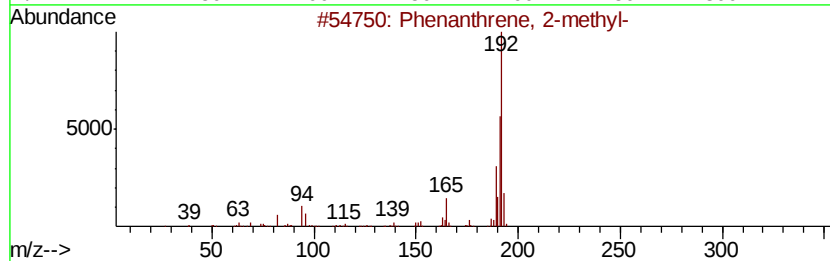
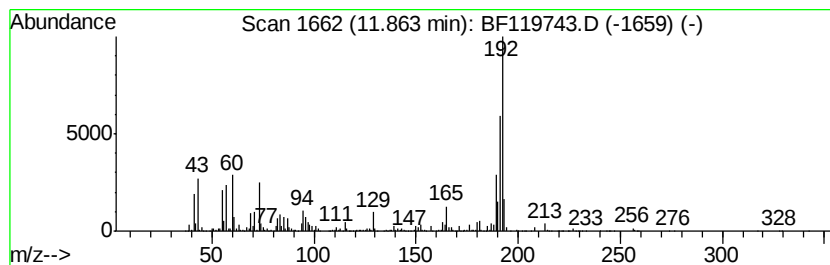
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	27.85 ng	2087390	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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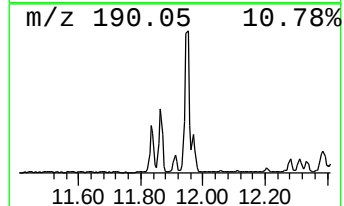
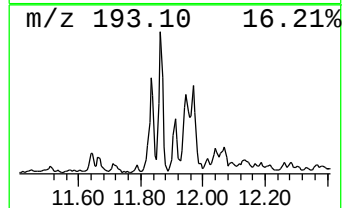
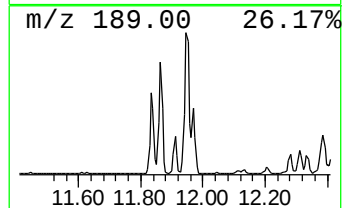
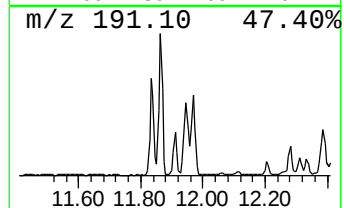
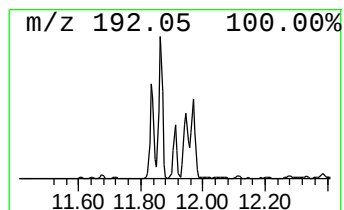
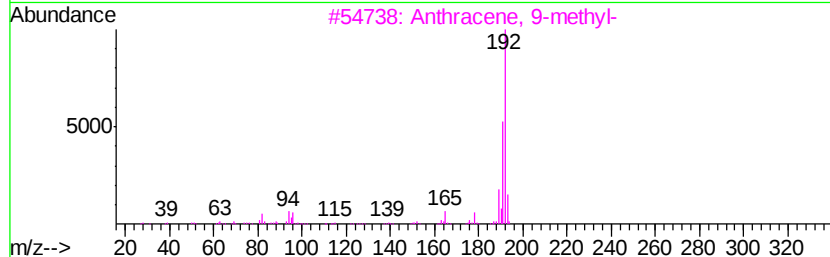
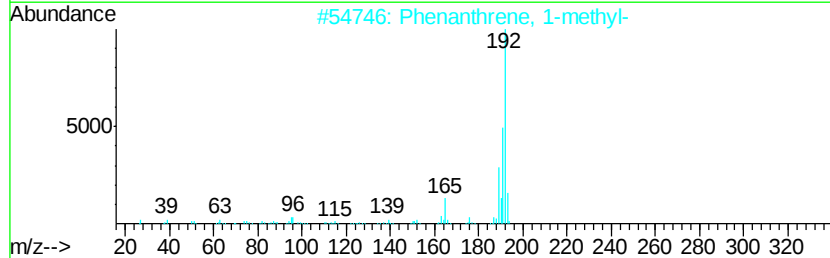
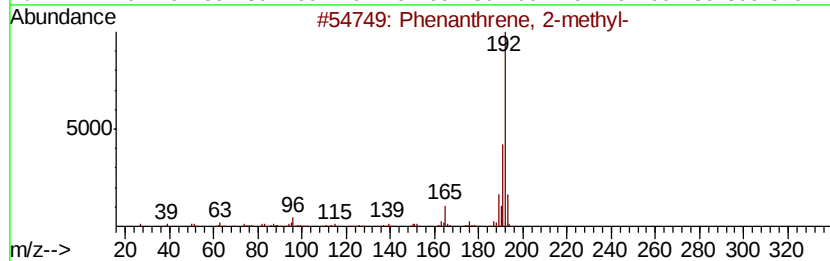
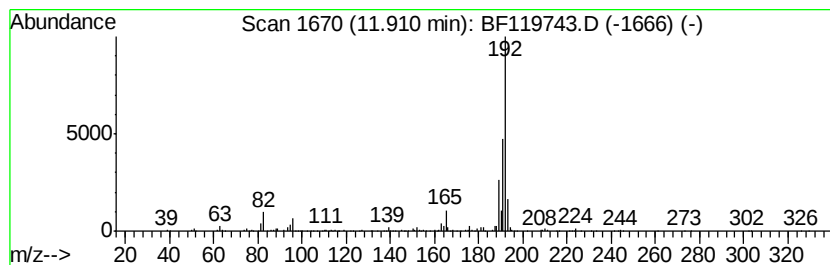
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.66 ng	423983	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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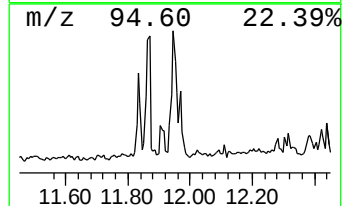
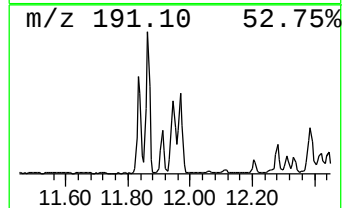
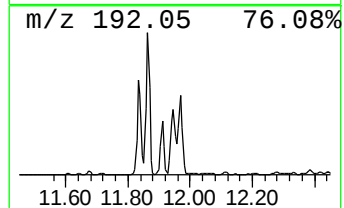
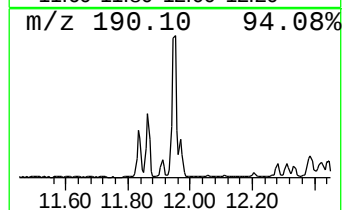
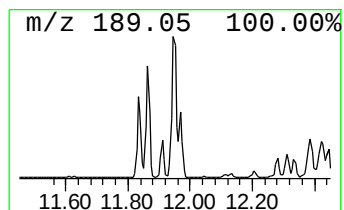
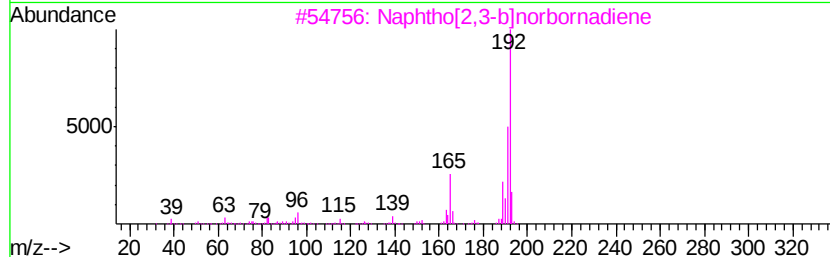
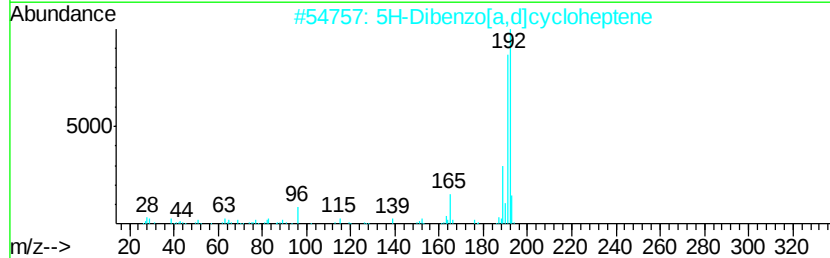
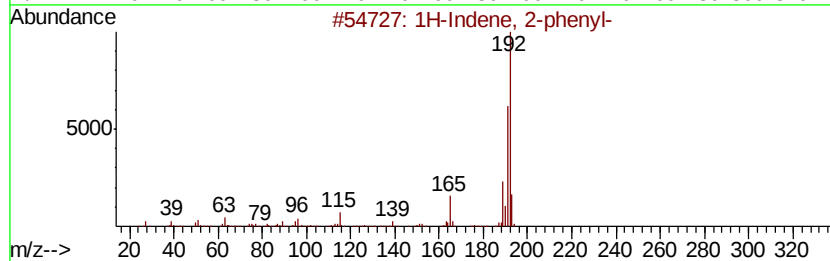
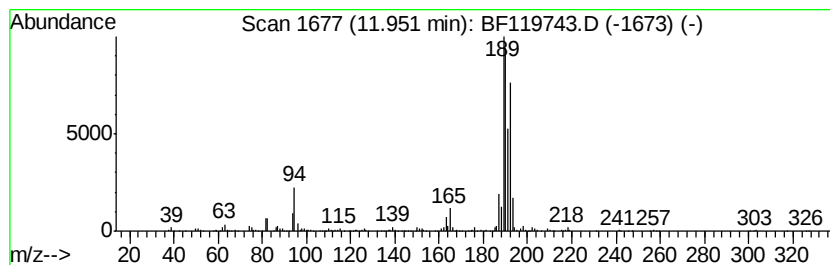
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.95	12.02 ng	900860	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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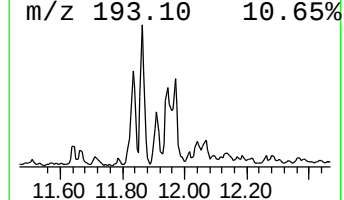
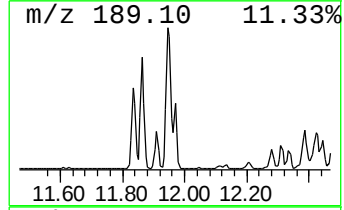
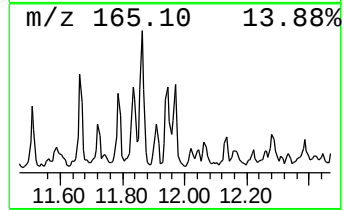
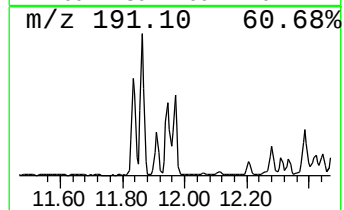
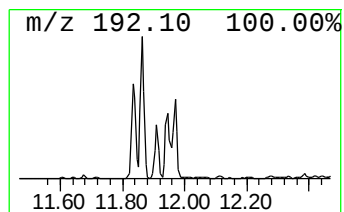
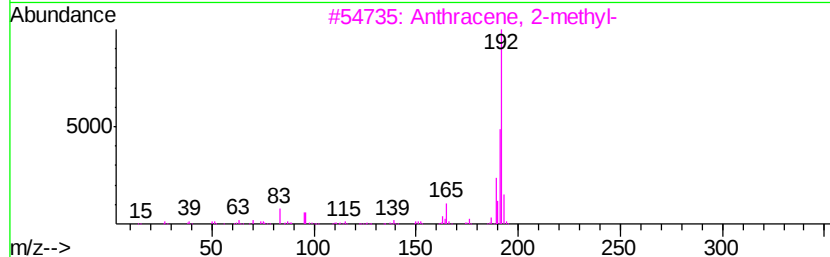
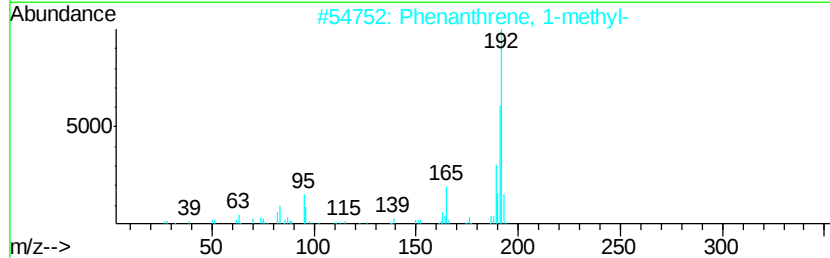
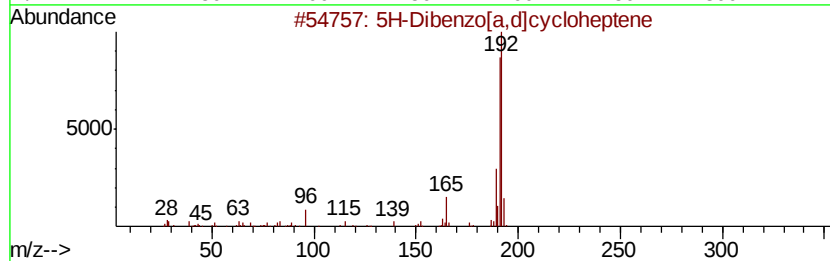
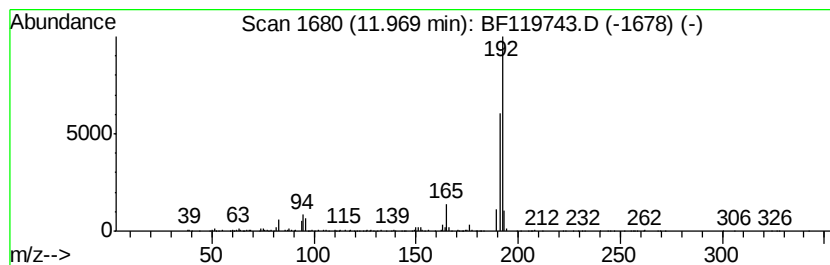
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.00 ng	524512	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	74



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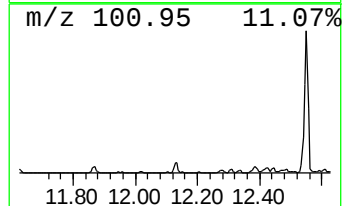
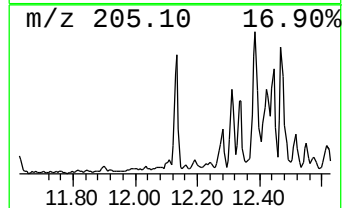
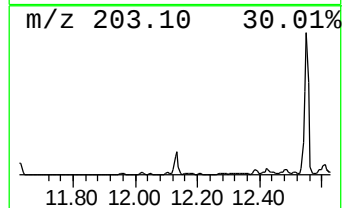
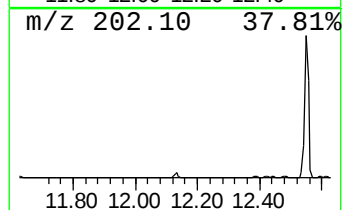
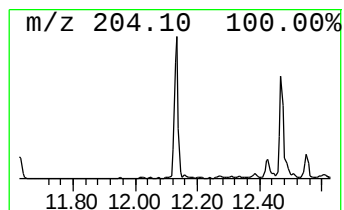
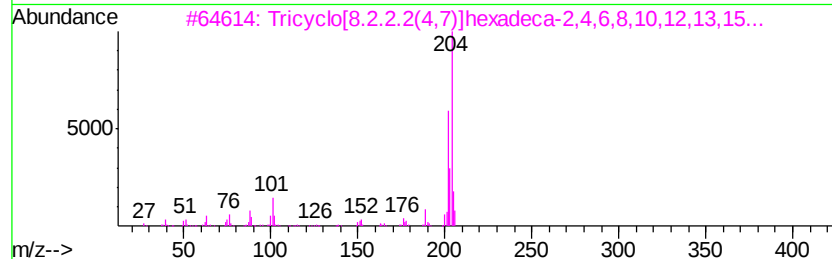
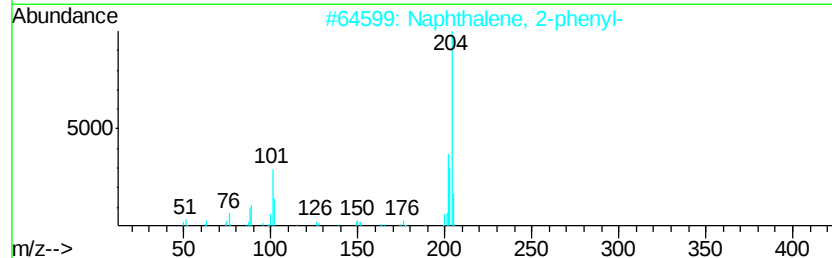
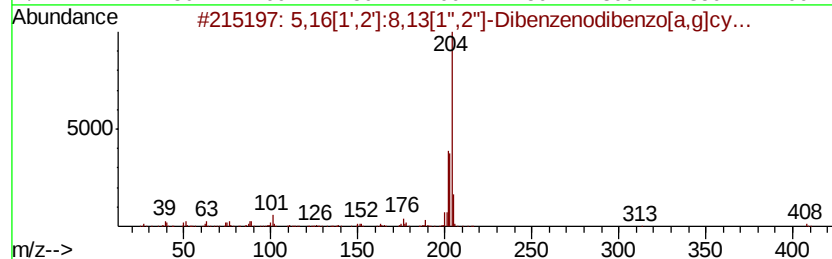
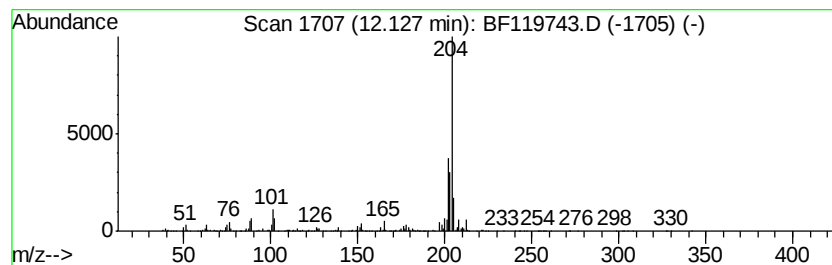
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	6.96 ng	521829	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	49
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



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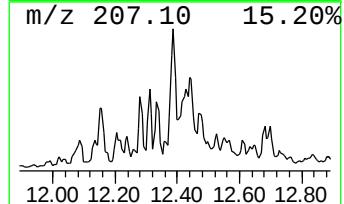
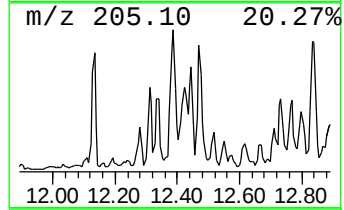
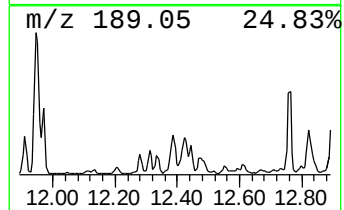
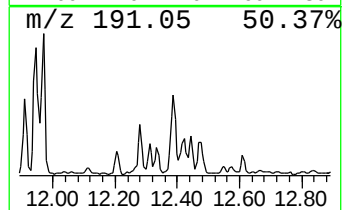
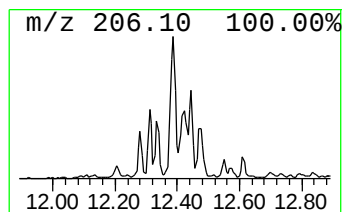
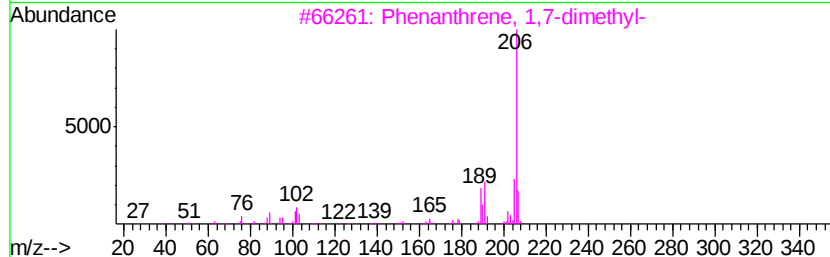
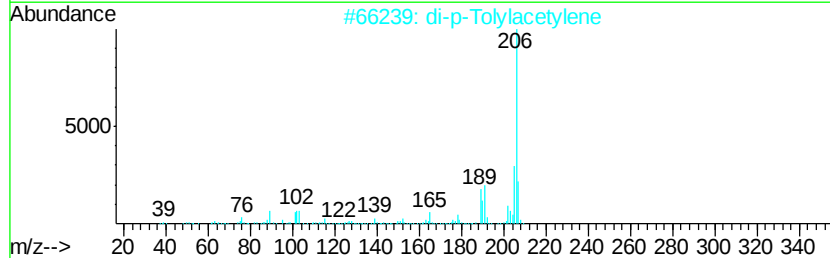
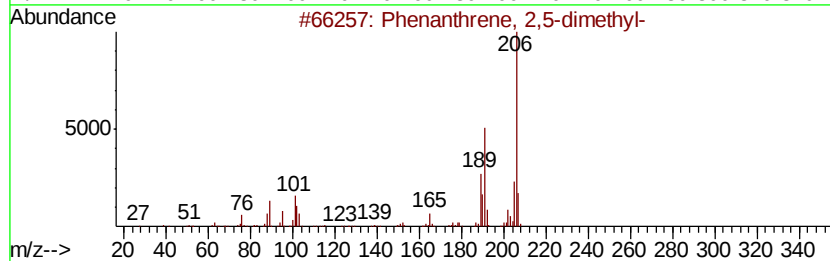
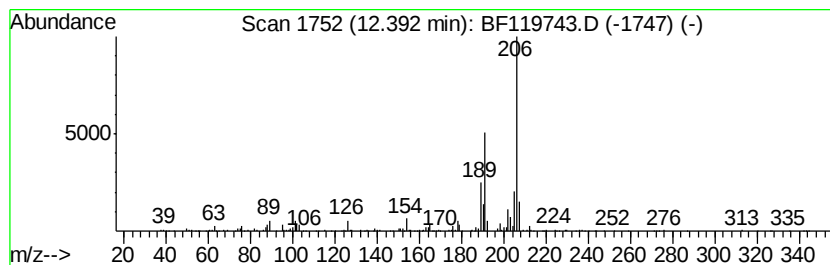
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	7.30 ng	547199	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



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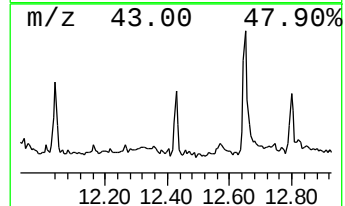
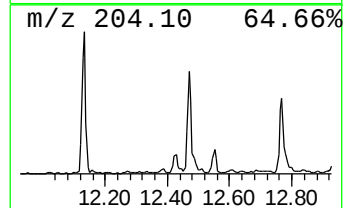
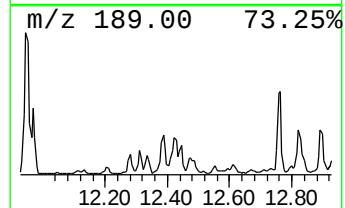
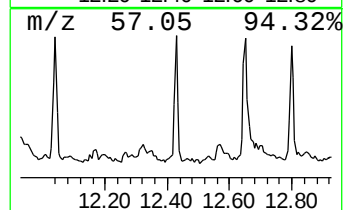
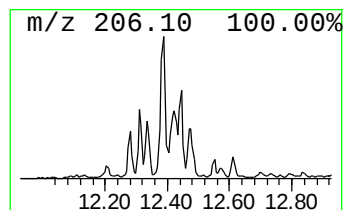
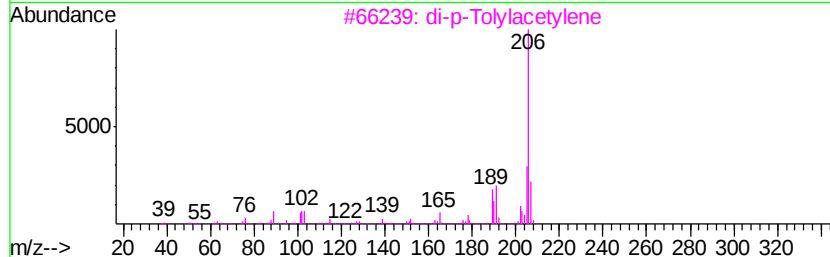
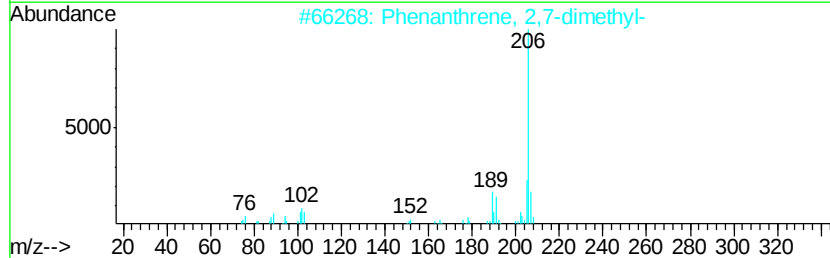
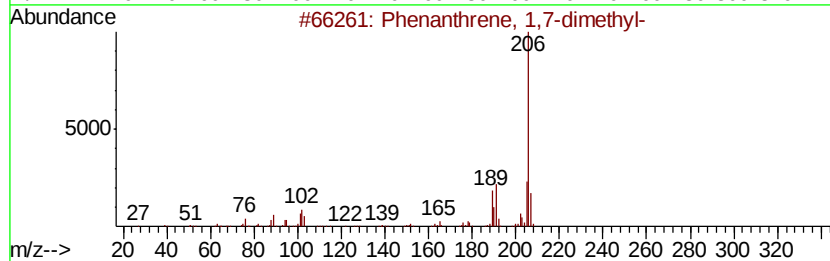
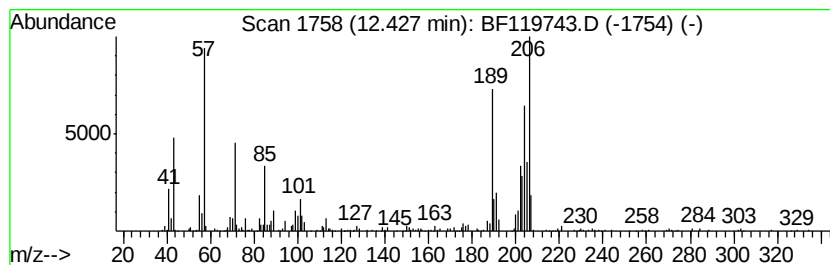
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.43 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	4.97 ng	372207	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	42
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
3	di-p-Tolylacetvlene	206	C16H14	002789-88-0	30
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
Operator : MA/SJ
Sample : L2129-31
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

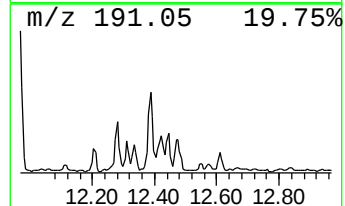
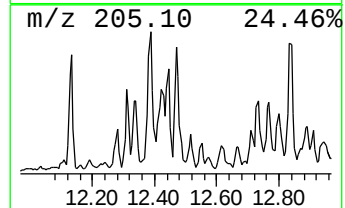
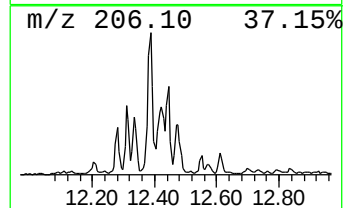
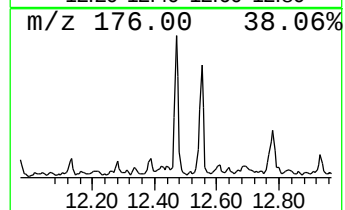
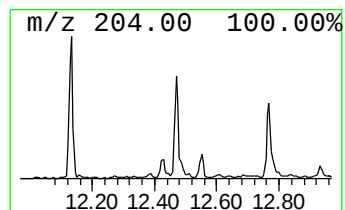
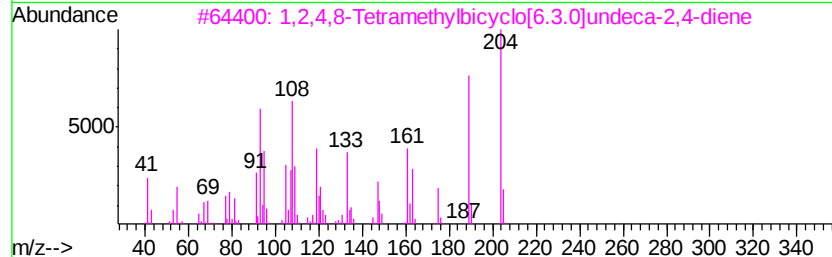
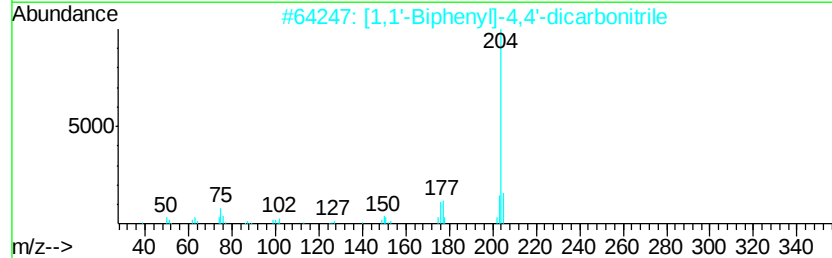
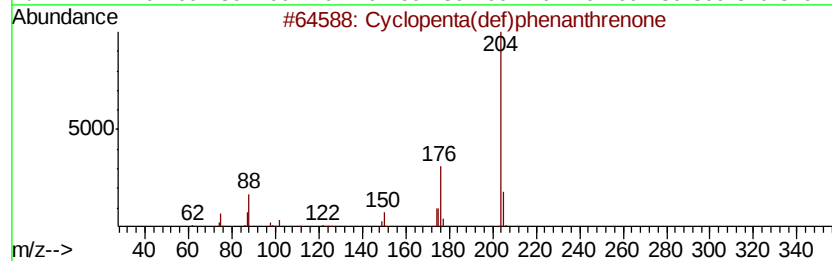
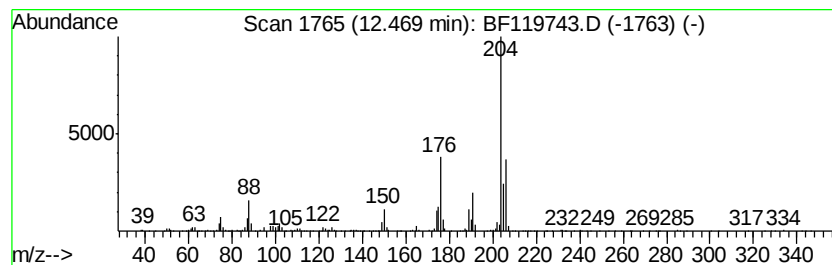
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	7.16 ng	536558	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	41
4		N-(4-Chloro-phenyl)-2-(3,4-dihydro-2H-pyran-2-ylidene)-2H-pyran	330	C17H15ClN2OS	1000296-34-3	37
5		L-(+)-Rhamnopyranose, tetrakis(trimethylsilyl)	452	C18H44O5Si4	1000380-12-9	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
Operator : MA/SJ
Sample : L2129-31
Misc :
ALS Vial : 32 Sample Multiplier: 1

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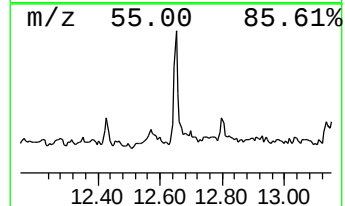
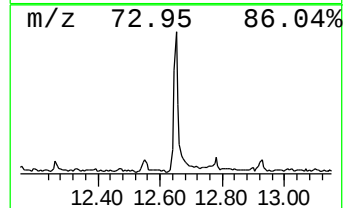
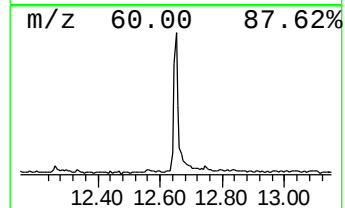
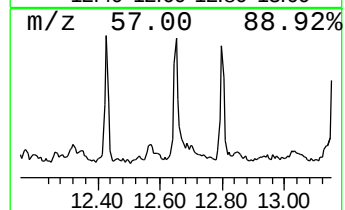
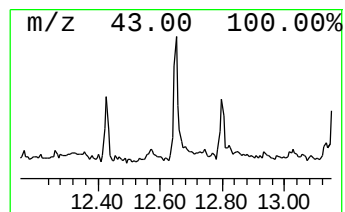
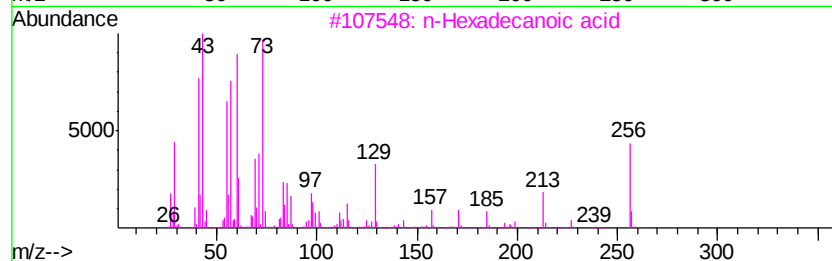
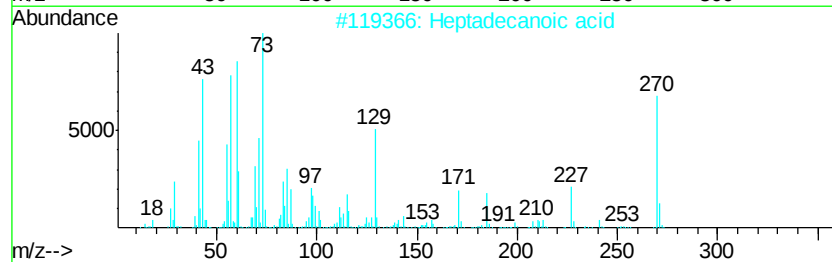
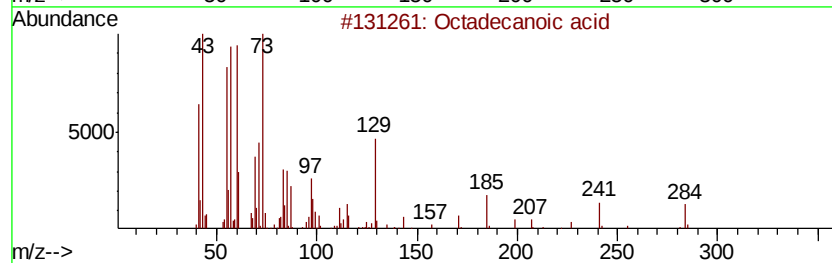
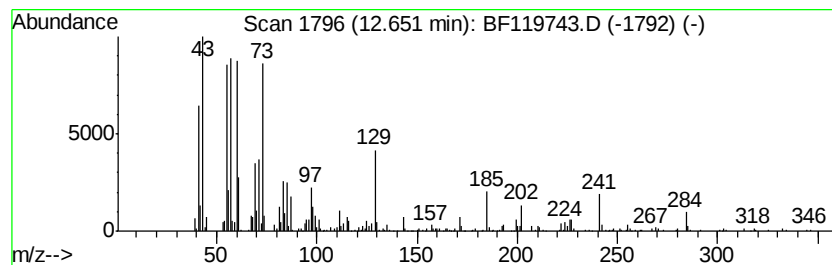
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.66 ng	424643	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
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Sample : L2129-31
Misc :
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Instrument :
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ClientSampleId :
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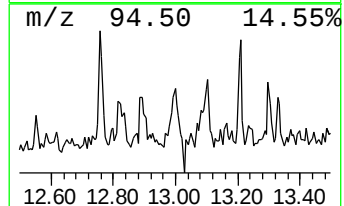
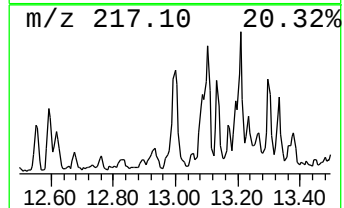
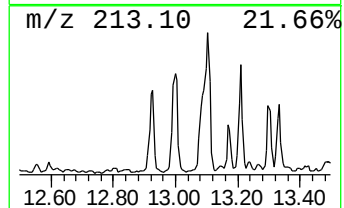
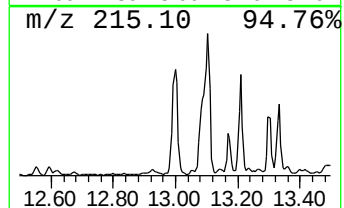
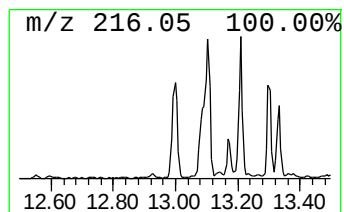
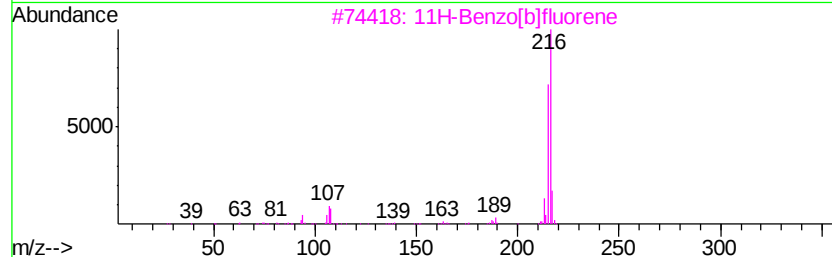
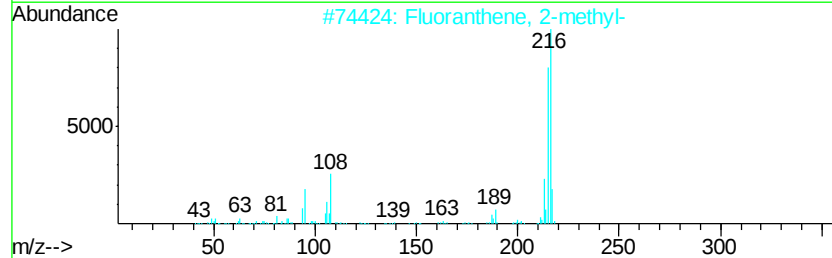
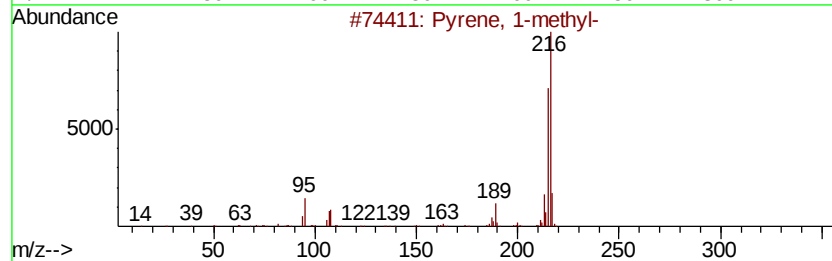
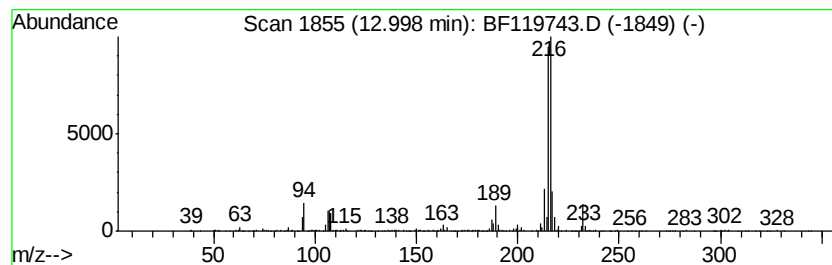
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.53 ng	850283	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
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Sample : L2129-31
Misc :
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Instrument :
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ClientSampleId :
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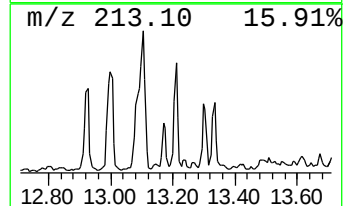
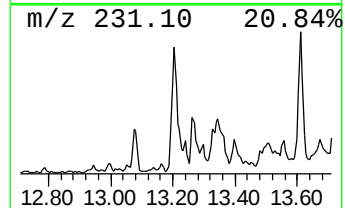
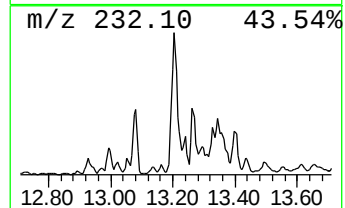
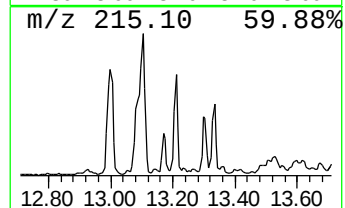
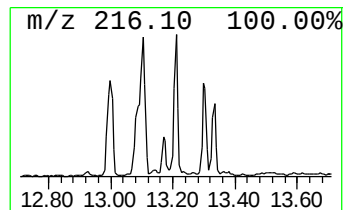
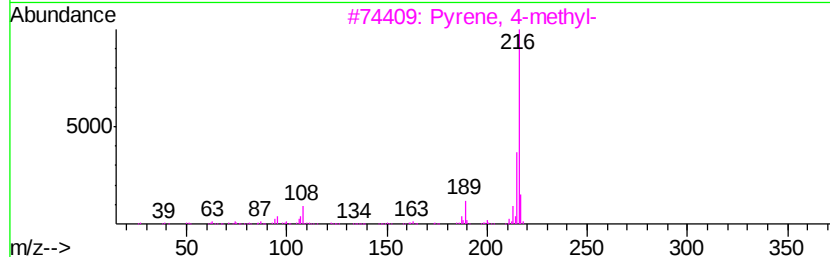
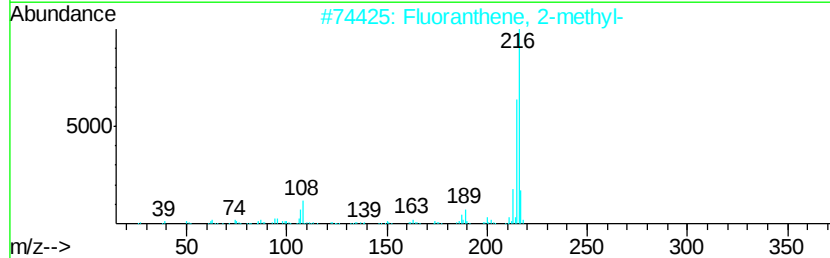
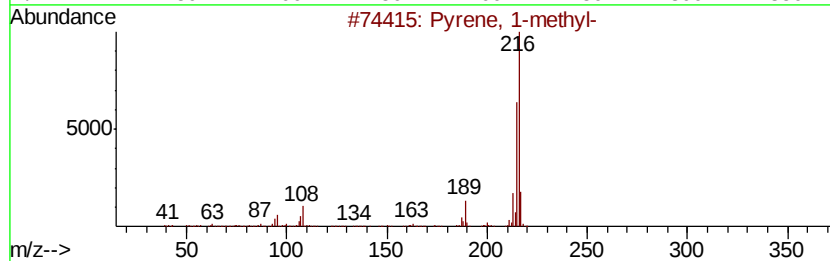
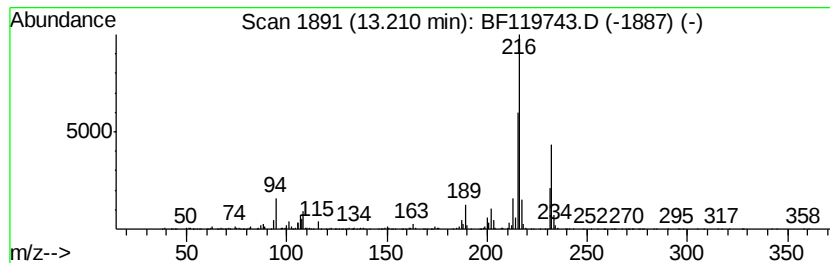
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.89 ng	919132	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
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Misc :
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ClientSampleId :
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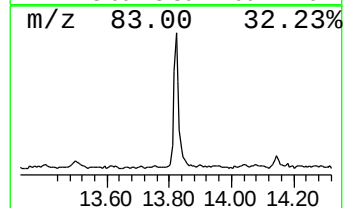
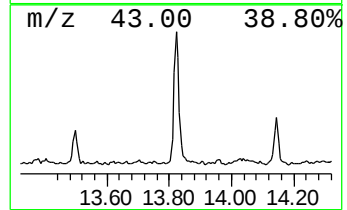
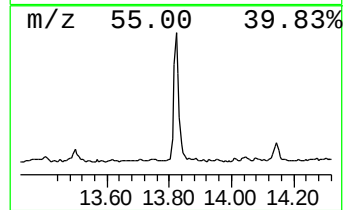
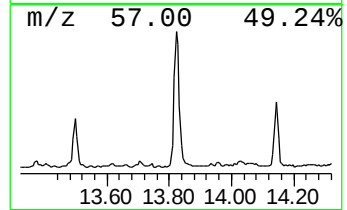
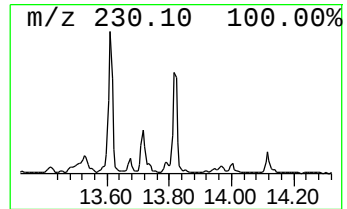
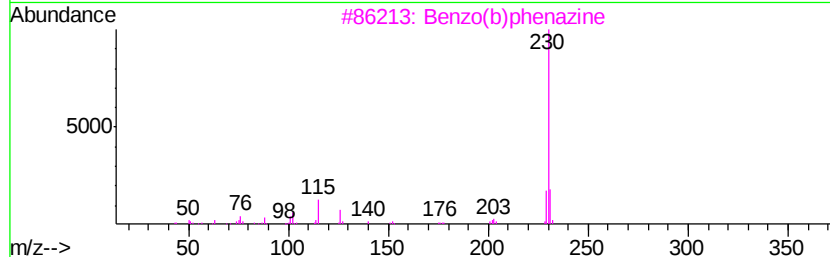
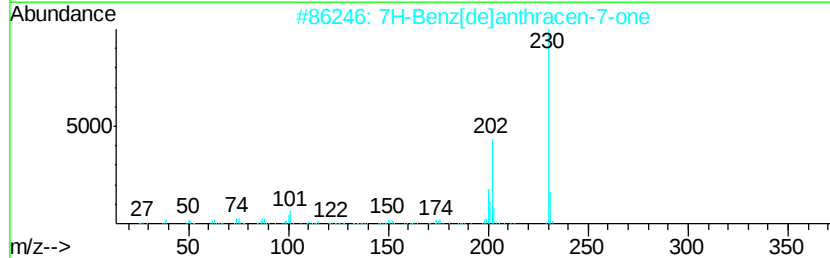
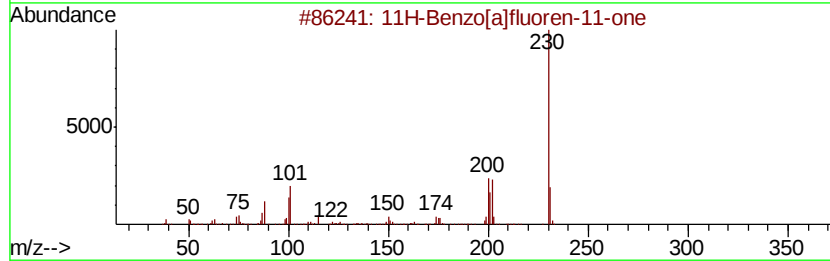
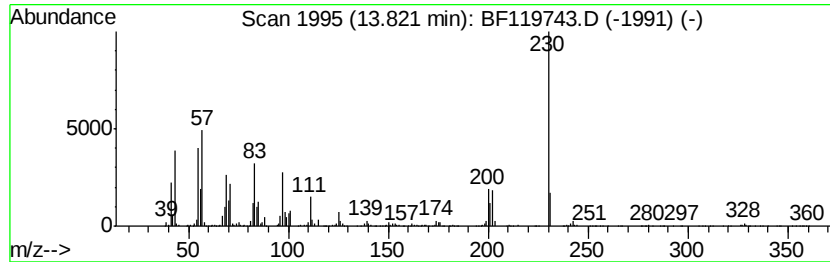
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.77 ng	1646880	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3		Benzo(b)phenazine	230	C16H10N2	000257-97-6	38
4		5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	38
5		m-Terphenyl	230	C18H14	000092-06-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Misc :
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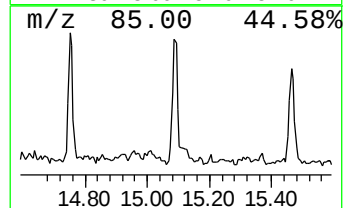
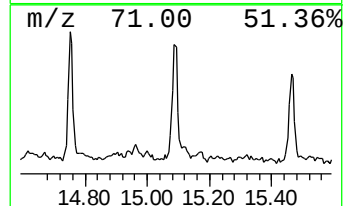
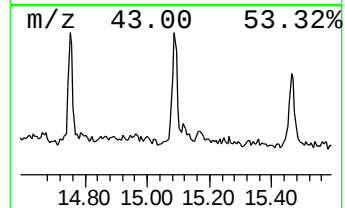
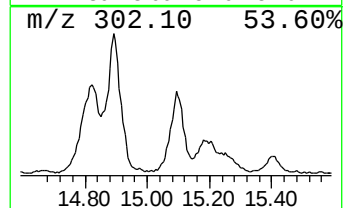
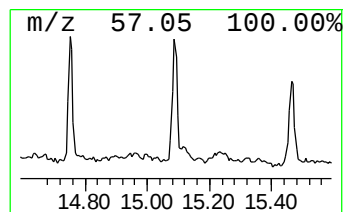
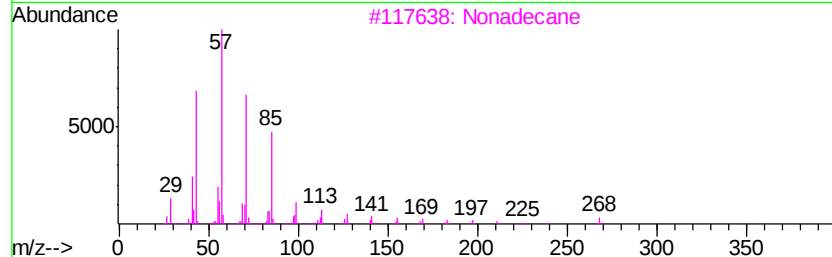
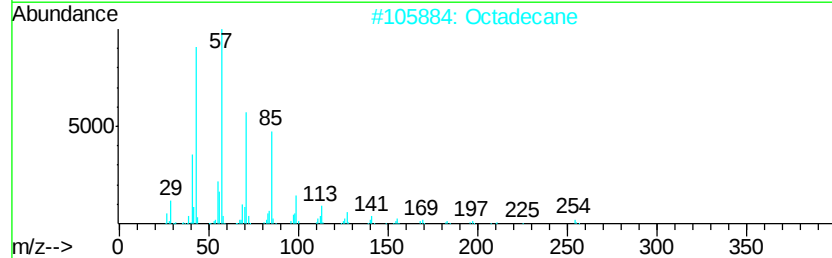
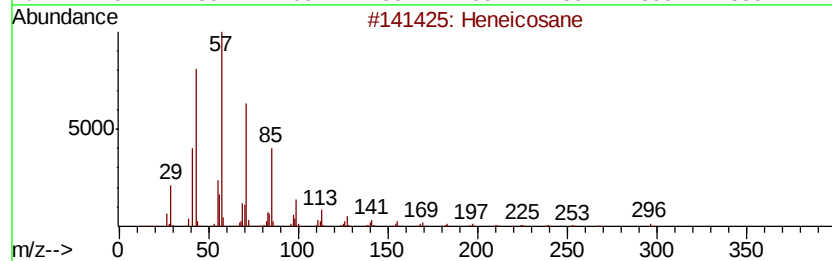
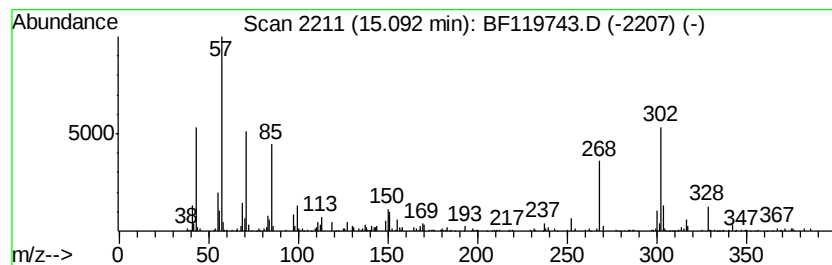
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.31 ng	264895	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	70
2	Octadecane	254 C18H38	000593-45-3	70
3	Nonadecane	268 C19H40	000629-92-5	70
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	48
5	Dinaphtho[1,2-b:1',2'-d]furan	268 C20H120	000207-93-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
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Sample : L2129-31
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

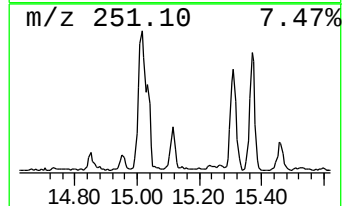
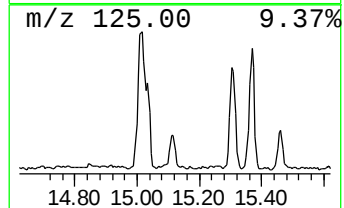
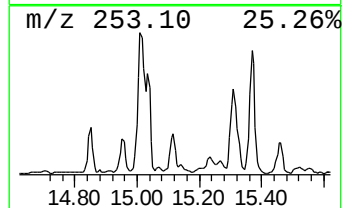
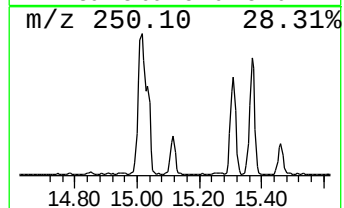
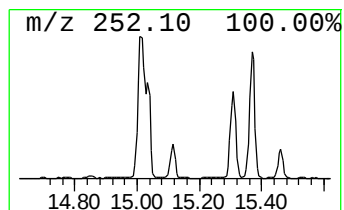
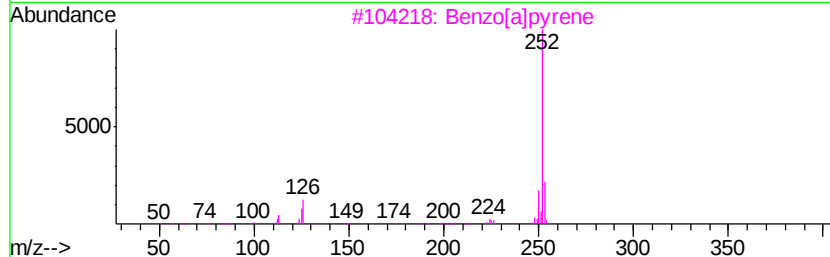
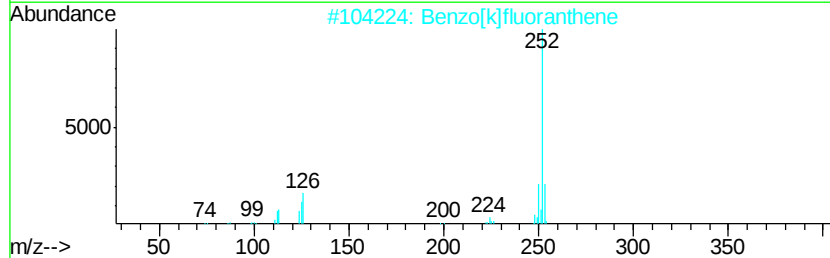
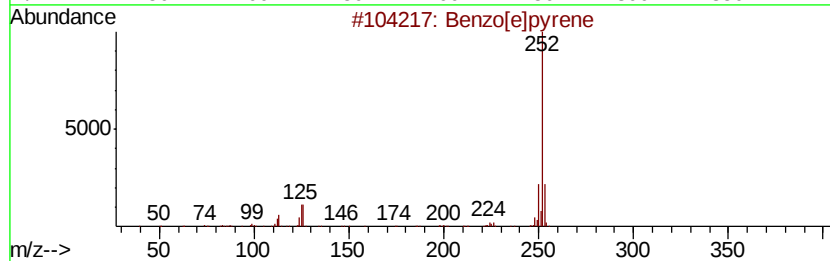
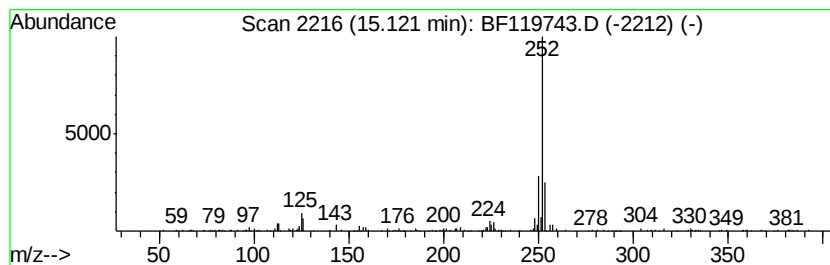
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	8.85 ng	441571	Perylene-d12	15.43

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
Operator : MA/SJ
Sample : L2129-31
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

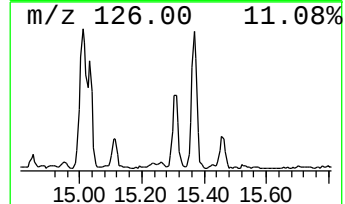
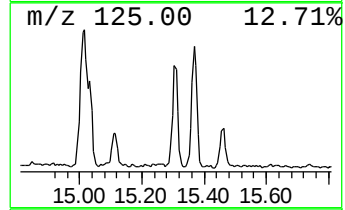
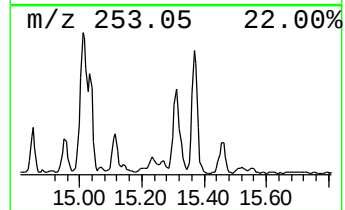
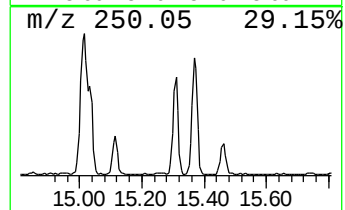
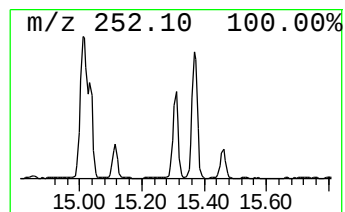
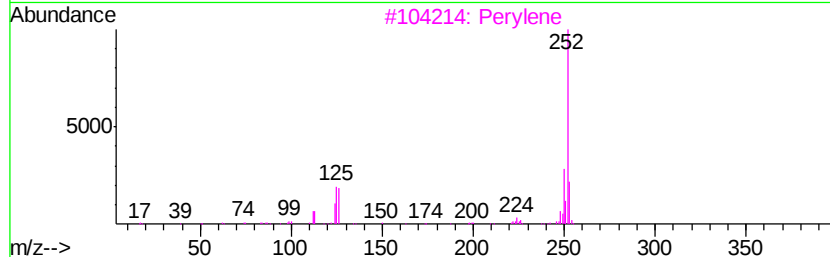
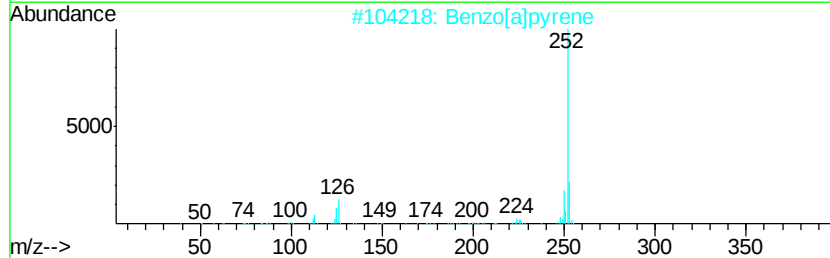
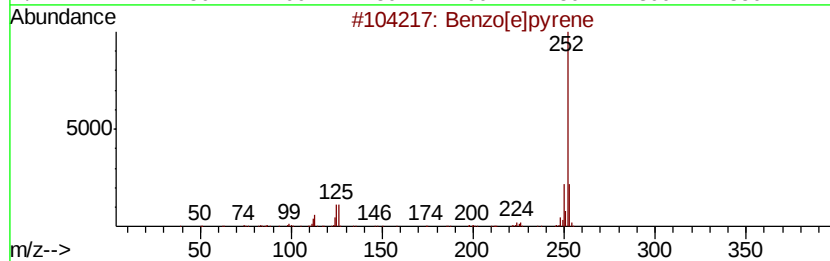
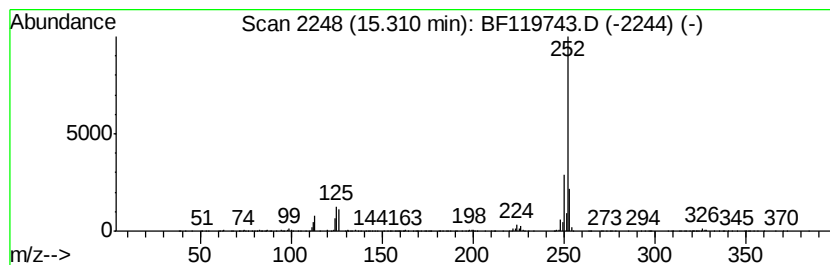
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.31	21.76 ng	1085160	Perylene-d12	15.43

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119743.D
Acq On : 4 Apr 2020 4:26
Operator : MA/SJ
Sample : L2129-31
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

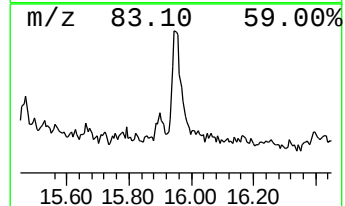
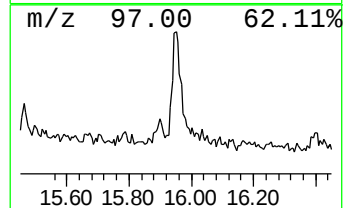
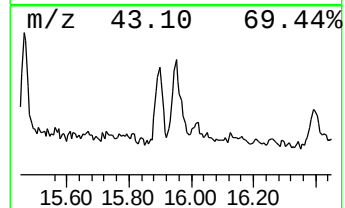
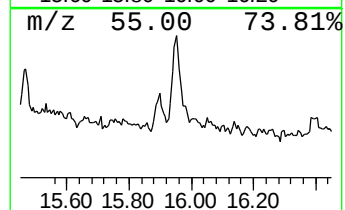
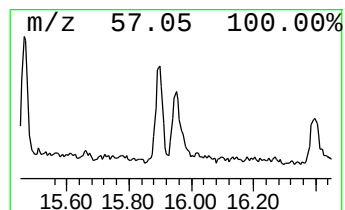
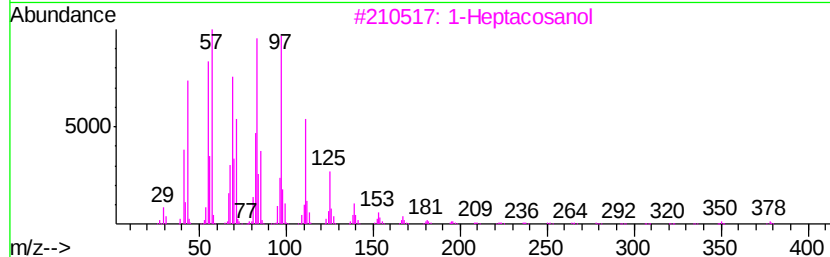
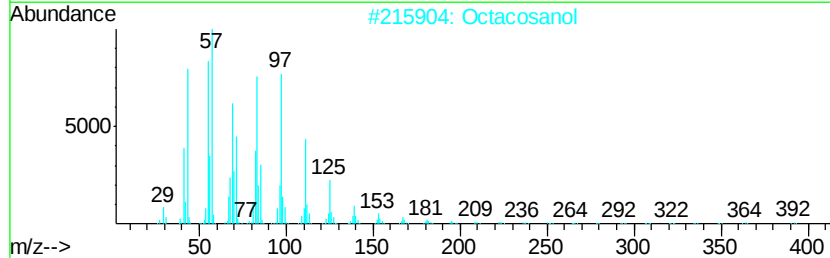
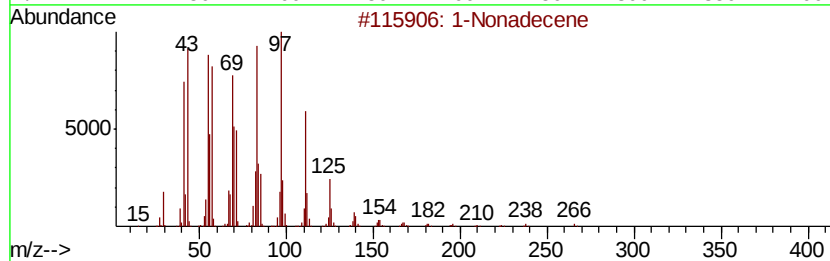
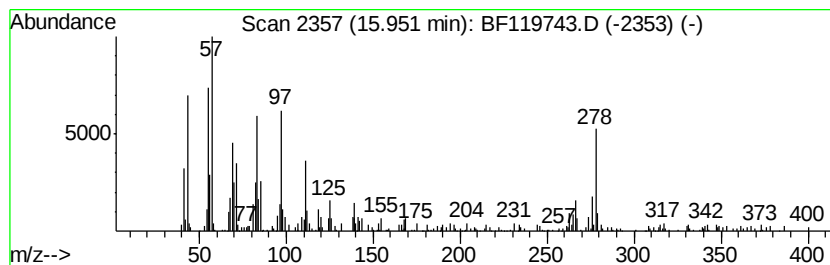
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Nonadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.88 ng	243134	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	91
2			Octacosanol	410	C28H58O	000557-61-9	89
3			1-Heptacosanol	396	C27H56O	002004-39-9	89
4			Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	70
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119743.D
 Acq On : 4 Apr 2020 4:26
 Operator : MA/SJ
 Sample : L2129-31
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
3-Methyl-4-(metho...	10.76	5.1 ng		380454	4	11.33	1499210	20.0
2,4,6-Trimethoxyb...	11.18	7.0 ng		524819	4	11.33	1499210	20.0
Phenanthrene, 2-m...	11.83	9.2 ng		691571	4	11.33	1499210	20.0
Phenanthrene, 1-m...	11.86	27.9 ng		2087390	4	11.33	1499210	20.0
Anthracene, 9-met...	11.91	5.7 ng		423983	4	11.33	1499210	20.0
1H-Indene, 2-phenyl-	11.95	12.0 ng		900860	4	11.33	1499210	20.0
5H-Dibenzo[a,d]cy...	11.97	7.0 ng		524512	4	11.33	1499210	20.0
5,16[1',2']:8,13[...	12.13	7.0 ng		521829	4	11.33	1499210	20.0
Phenanthrene, 2,5...	12.39	7.3 ng		547199	4	11.33	1499210	20.0
unknown12.43	12.43	5.0 ng		372207	4	11.33	1499210	20.0
Cyclopenta(def)ph...	12.47	7.2 ng		536558	4	11.33	1499210	20.0
Octadecanoic acid	12.65	5.7 ng		424643	4	11.33	1499210	20.0
Pyrene, 1-methyl-	13.00	4.5 ng		850283	5	13.97	3757830	20.0
Fluoranthene, 2-m...	13.21	4.9 ng		919132	5	13.97	3757830	20.0
11H-Benzo[a]fluor...	13.82	8.8 ng		1646880	5	13.97	3757830	20.0
Heneicosane	15.09	5.3 ng		264895	6	15.43	997381	20.0
Benzo[e]pyrene	15.12	8.8 ng		441571	6	15.43	997381	20.0
Perylene	15.31	21.8 ng		1085160	6	15.43	997381	20.0
1-Nonadecene	15.95	4.9 ng		243134	6	15.43	997381	20.0