

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020720\
 Data File : BF118849.D
 Acq On : 7 Feb 2020 14:36
 Operator : CG/JU
 Sample : L1433-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 349

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-BF020320.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	5.434	564	569	572	rBV	3875922	3640195	61.35%	6.954%
2	6.445	736	741	744	rBV	3737535	3565802	60.09%	6.812%
3	6.810	800	803	807	rBV	1612603	1339522	22.57%	2.559%
4	6.969	826	830	834	rBV	3904130	3286672	55.39%	6.279%
5	7.369	894	898	902	rBV	2535459	2428140	40.92%	4.638%
6	8.092	1017	1021	1027	rBV	2092836	1748737	29.47%	3.341%
7	9.169	1200	1204	1219	rBV	5089426	4913373	82.80%	9.386%
8	9.563	1267	1271	1279	rVB	151465	160227	2.70%	0.306%
9	9.704	1292	1295	1301	rVB2	149587	143226	2.41%	0.274%
10	9.845	1315	1319	1329	rBV	2208978	2267601	38.21%	4.332%
11	10.633	1449	1453	1466	rBV	3678045	3689319	62.17%	7.048%
12	11.333	1568	1572	1574	rBV	2713930	2537013	42.75%	4.846%
13	11.351	1574	1575	1580	rVV	668630	571761	9.64%	1.092%
14	11.404	1580	1584	1587	rVB2	93188	104805	1.77%	0.200%
15	11.563	1605	1611	1619	rBV2	60528	118884	2.00%	0.227%
16	11.833	1653	1657	1659	rBV	182285	162001	2.73%	0.309%
17	11.863	1659	1662	1668	rVV	639653	663587	11.18%	1.268%
18	11.945	1672	1676	1678	rVV2	220876	264529	4.46%	0.505%
19	11.969	1678	1680	1684	rVB	140562	120904	2.04%	0.231%
20	12.127	1702	1707	1709	rBV	104034	119783	2.02%	0.229%
21	12.151	1709	1711	1718	rVB2	145455	136220	2.30%	0.260%
22	12.386	1747	1751	1753	rBV	177159	186310	3.14%	0.356%
23	12.416	1753	1756	1759	rVV3	82223	113510	1.91%	0.217%
24	12.469	1762	1765	1770	rBV3	94416	121430	2.05%	0.232%
25	12.545	1774	1778	1781	rBV	1109162	1014584	17.10%	1.938%
26	12.645	1791	1795	1797	rBV2	152284	167949	2.83%	0.321%
27	12.769	1810	1816	1819	rBV	1038015	1080246	18.20%	2.064%
28	12.827	1823	1826	1830	rVB3	69005	93521	1.58%	0.179%
29	12.916	1837	1841	1845	rBV	6069207	5933888	100.00%	11.336%
30	12.992	1850	1854	1857	rBV4	102030	139418	2.35%	0.266%
31	13.074	1865	1868	1870	rBV2	81492	96435	1.63%	0.184%
32	13.098	1870	1872	1875	rVB	189346	167963	2.83%	0.321%
33	13.145	1875	1880	1881	rBV4	51978	73384	1.24%	0.140%
34	13.169	1881	1884	1886	rVB	74242	69860	1.18%	0.133%

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

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

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35	13.204	1886	1890	1893	rBV2	170728	163618	2.76%	0.313%
36	13.298	1903	1906	1908	rVB	112289	97982	1.65%	0.187%
37	13.327	1908	1911	1914	rBV	120703	106594	1.80%	0.204%
38	13.604	1955	1958	1963	rVB	108144	131139	2.21%	0.251%
39	13.716	1972	1977	1980	rBV2	135130	210188	3.54%	0.402%
40	13.816	1990	1994	2004	rVB3	673565	886533	14.94%	1.694%
41	13.969	2014	2020	2023	rBV	2878034	3172492	53.46%	6.060%
42	13.992	2023	2024	2031	rVB	531182	406837	6.86%	0.777%
43	14.133	2046	2048	2054	rVB4	96117	128242	2.16%	0.245%
44	14.357	2083	2086	2088	rVB	111682	102886	1.73%	0.197%
45	14.386	2089	2091	2095	rVB2	86352	77849	1.31%	0.149%
46	14.445	2098	2101	2105	rBV3	149115	225260	3.80%	0.430%
47	14.598	2125	2127	2132	rVB4	54343	59573	1.00%	0.114%
48	14.739	2148	2151	2154	rVB2	165028	160534	2.71%	0.307%
49	14.816	2161	2164	2167	rBV3	90733	123626	2.08%	0.236%
50	14.998	2190	2195	2198	rBV	398761	608086	10.25%	1.162%
51	15.074	2204	2208	2210	rBV	199158	211940	3.57%	0.405%
52	15.104	2210	2213	2224	rVB3	151418	275220	4.64%	0.526%
53	15.292	2241	2245	2251	rBV	222703	277370	4.67%	0.530%
54	15.351	2251	2255	2261	rVB	313104	393994	6.64%	0.753%
55	15.416	2261	2266	2270	rBV	1685702	2257464	38.04%	4.312%
56	15.868	2340	2343	2349	rVB	129704	195803	3.30%	0.374%
57	15.933	2350	2354	2358	rBV4	66819	125351	2.11%	0.239%
58	16.363	2424	2427	2432	rBV	57400	79535	1.34%	0.152%
59	16.845	2504	2509	2518	rVB2	172676	345632	5.82%	0.660%
60	17.274	2577	2582	2591	rVB	139646	283096	4.77%	0.541%

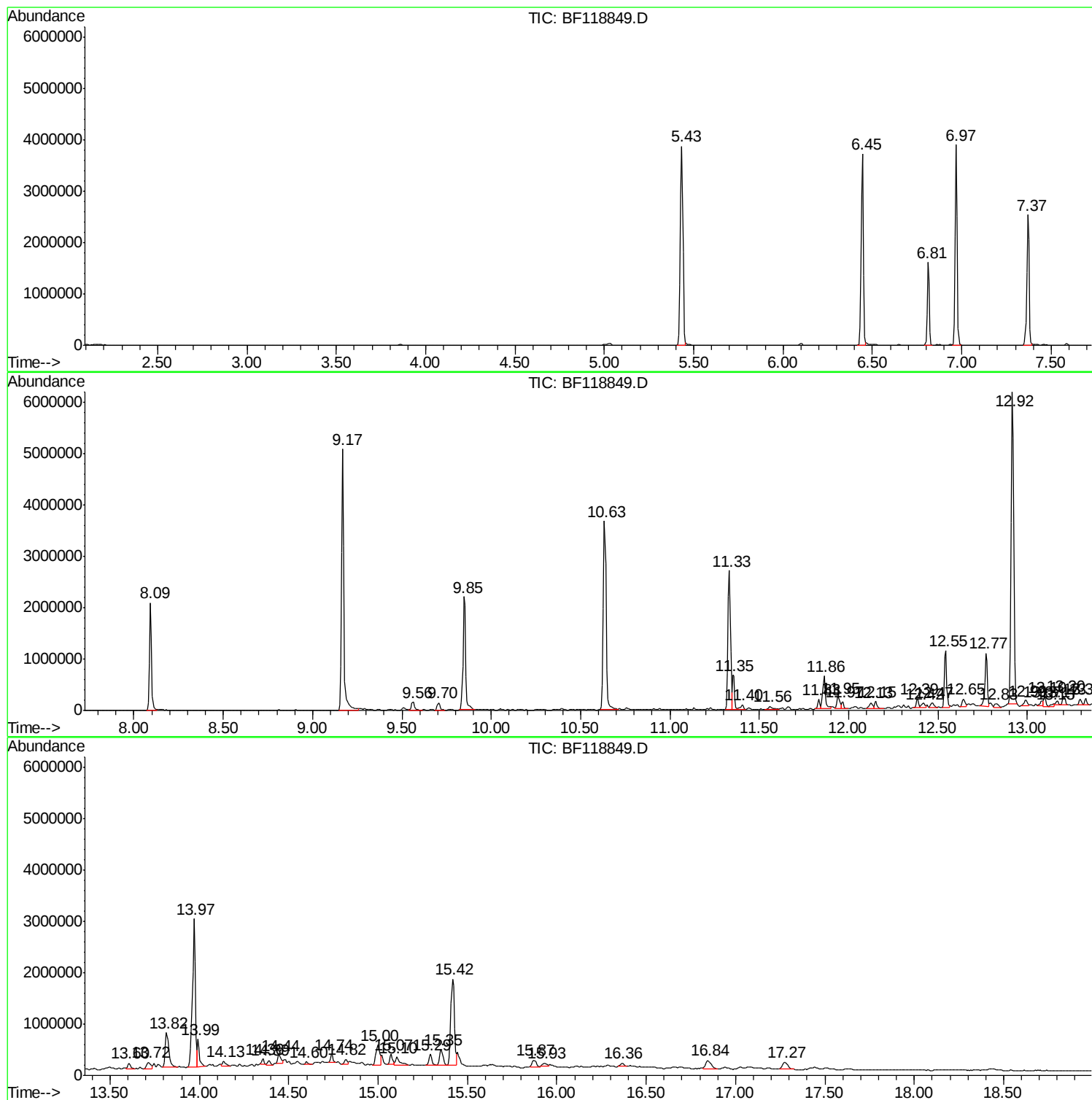
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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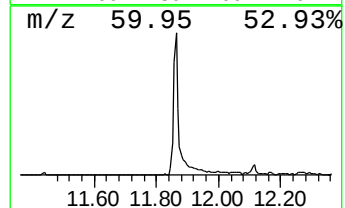
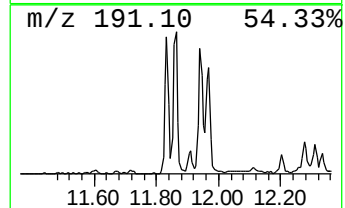
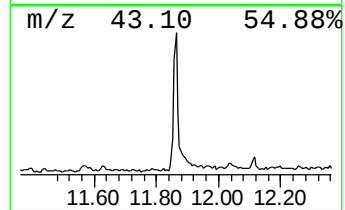
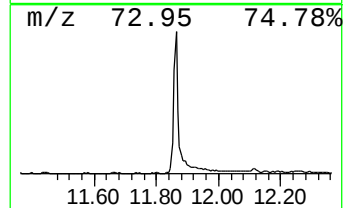
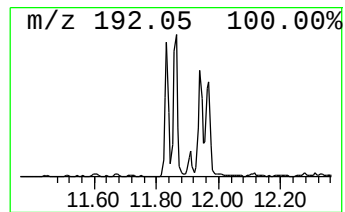
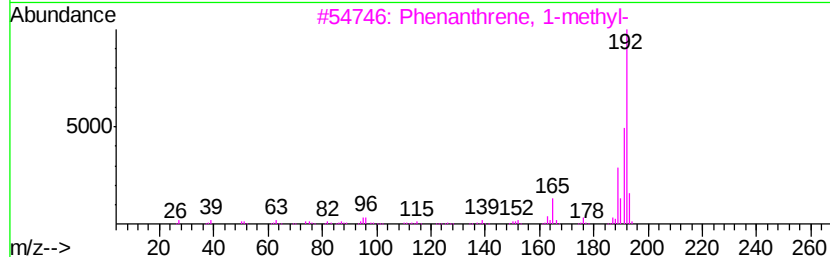
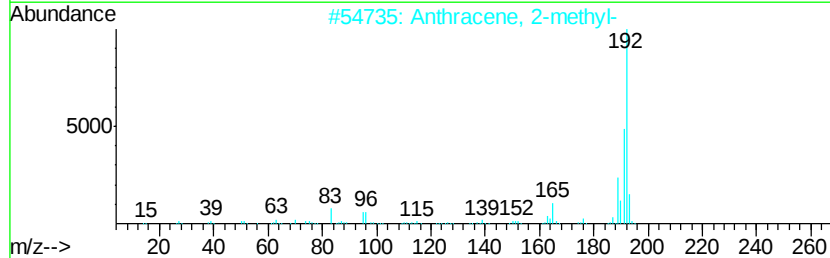
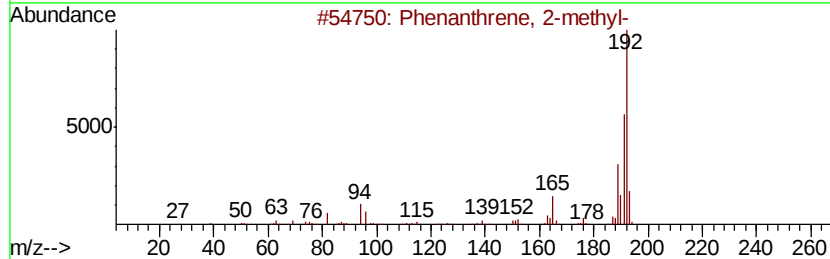
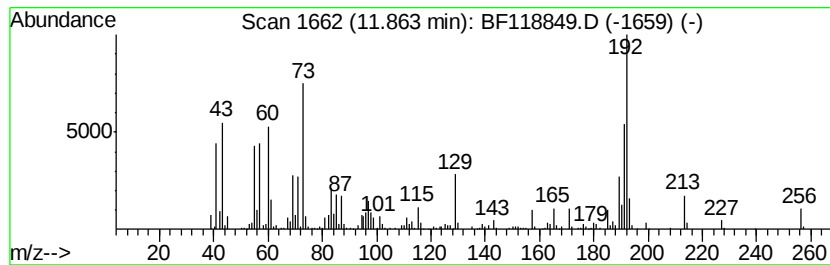
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	5.23 ng	663587	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94



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ALS Vial : 6 Sample Multiplier: 1

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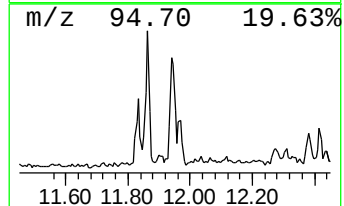
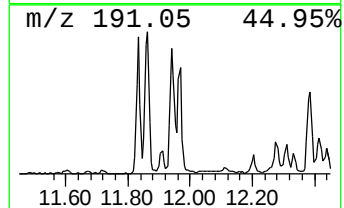
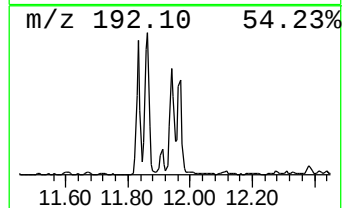
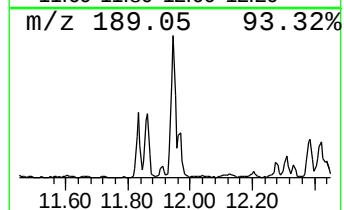
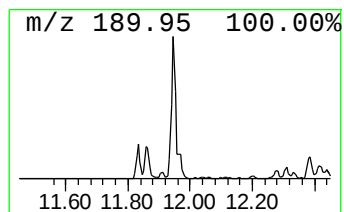
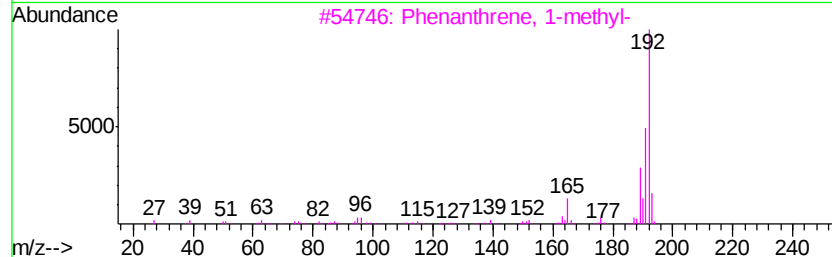
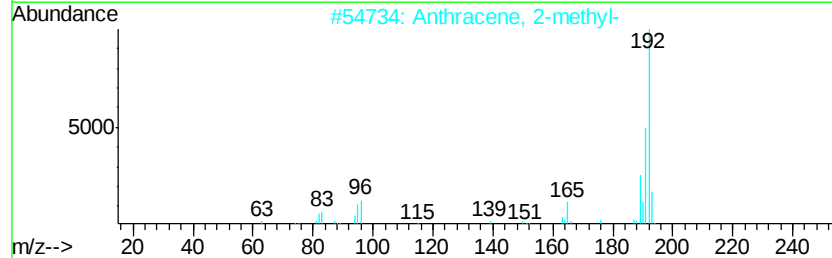
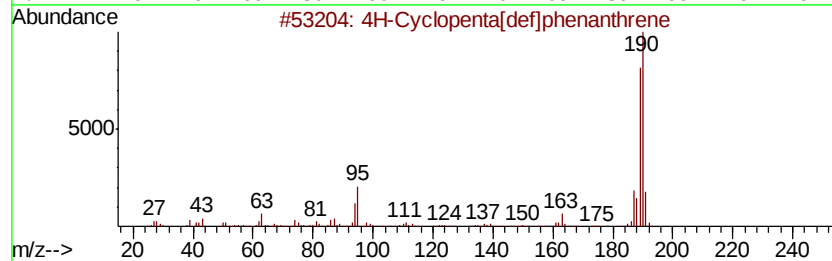
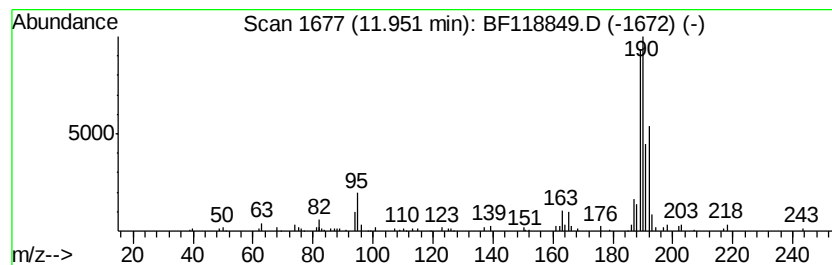
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.09 ng	264529	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



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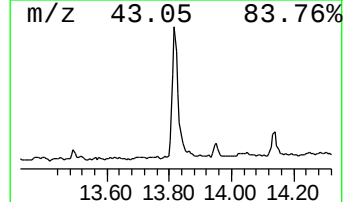
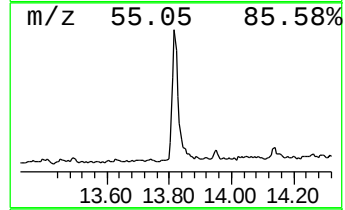
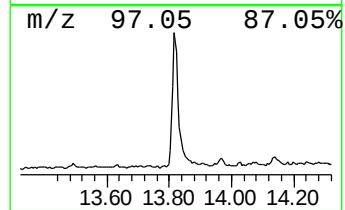
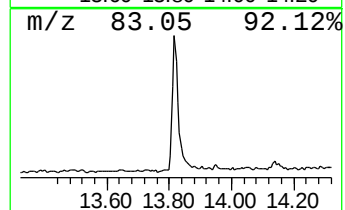
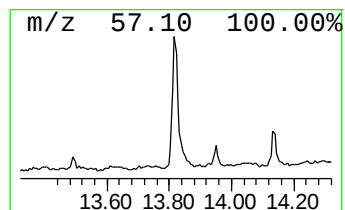
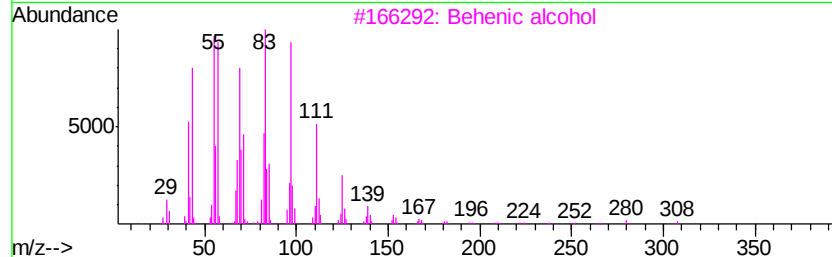
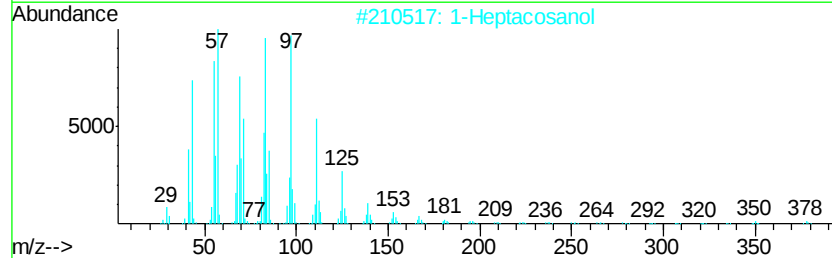
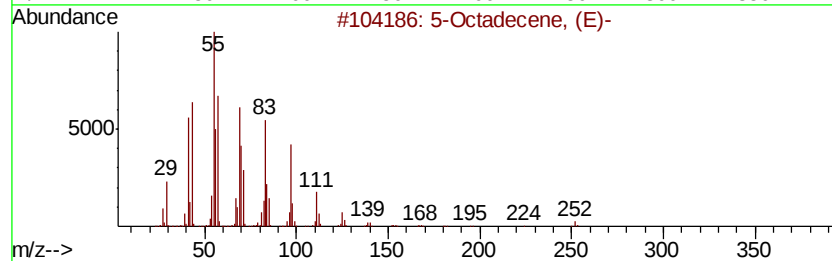
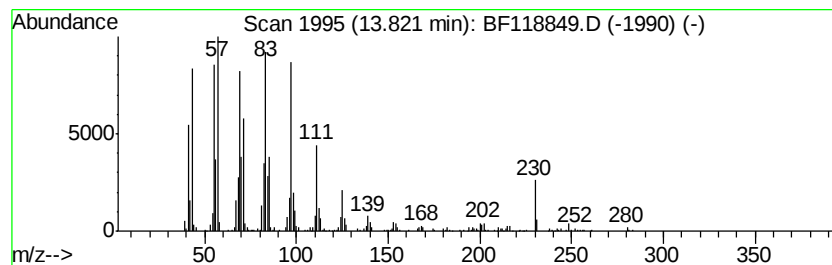
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.59 ng	886533	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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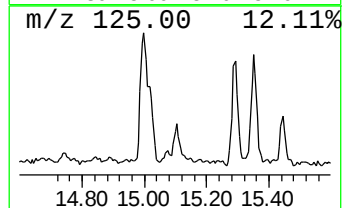
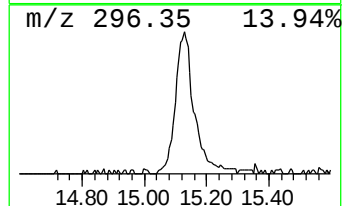
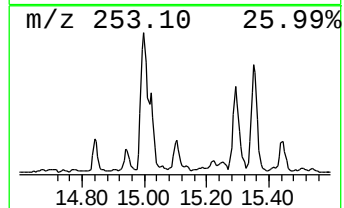
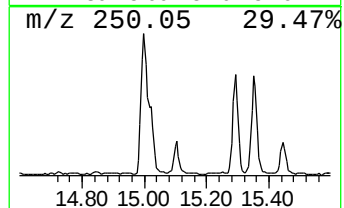
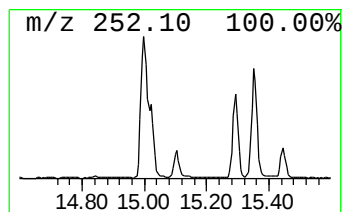
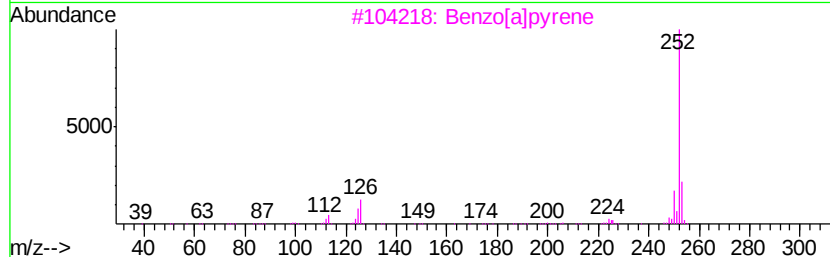
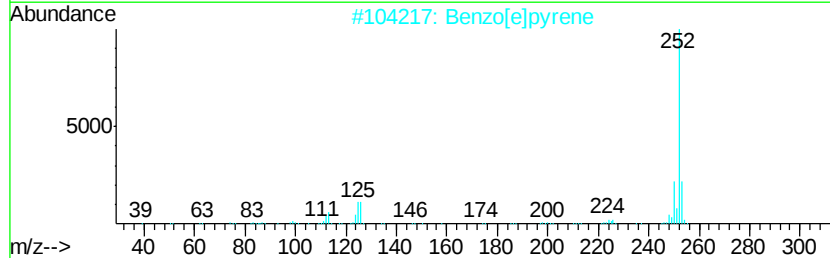
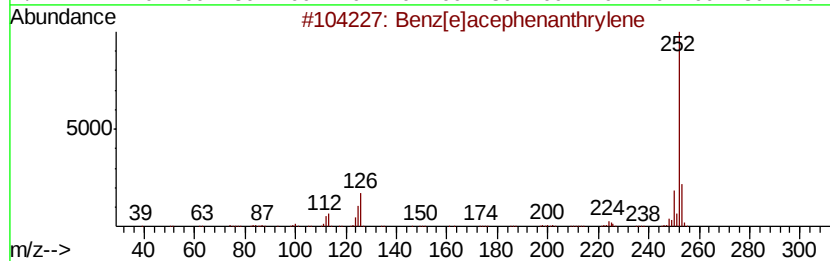
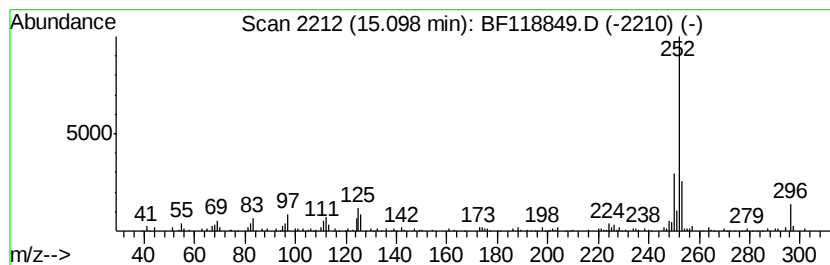
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.44 ng	275220	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
2		Benzo[e]pyrene	252	C20H12	000192-97-2	89
3		Benzo[a]pyrene	252	C20H12	000050-32-8	89
4		Perylene	252	C20H12	000198-55-0	86
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	70



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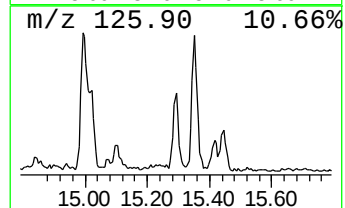
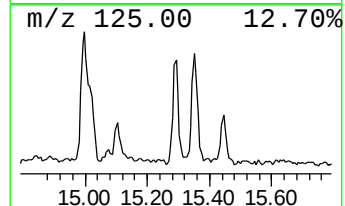
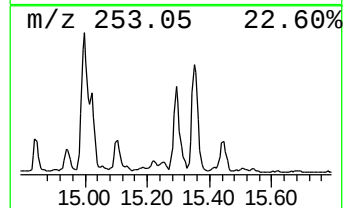
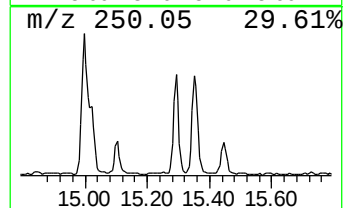
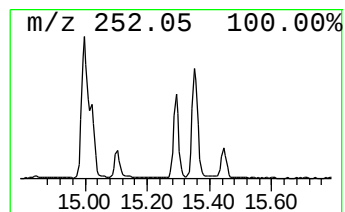
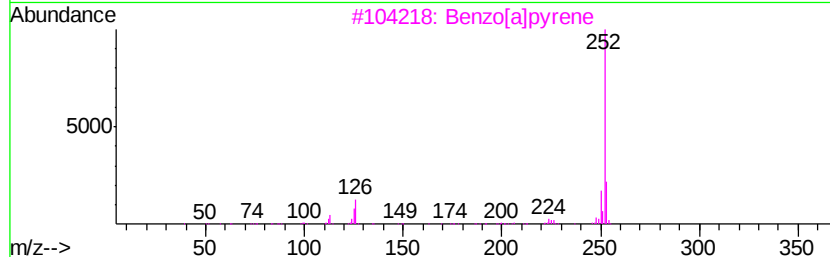
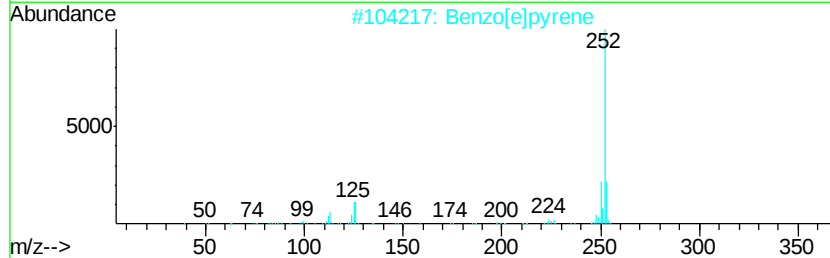
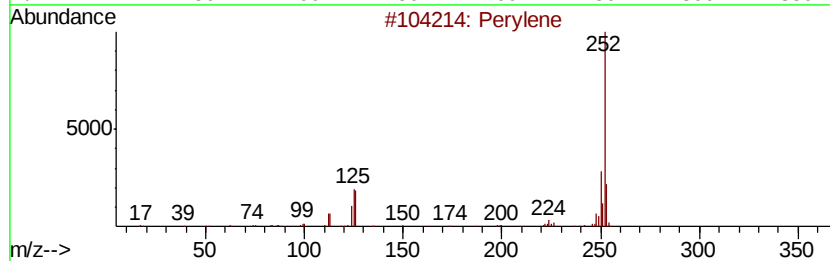
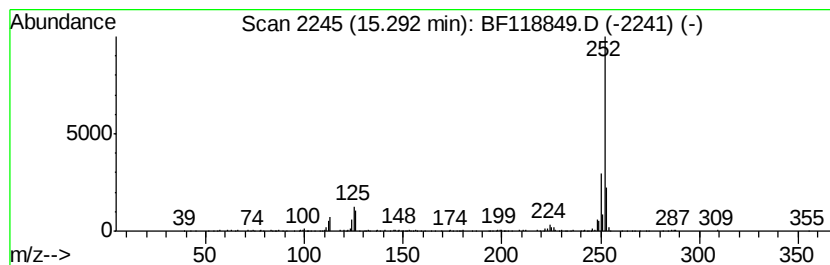
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.46 ng	277370	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	95
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020720\
Data File : BF118849.D
Acq On : 7 Feb 2020 14:36
Operator : CG/JU
Sample : L1433-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
349

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
Phenanthrene, 2-m...	11.86	5.2	ng	663587	4	11.33	2537010	20.0
4H-Cyclopenta[def...	11.95	2.1	ng	264529	4	11.33	2537010	20.0
5-Octadecene, (E)-	13.82	5.6	ng	886533	5	13.97	3172490	20.0
Benzo[e]pyrene	15.10	2.4	ng	275220	6	15.42	2257460	20.0
Perylene	15.29	2.5	ng	277370	6	15.42	2257460	20.0