

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061720\
 Data File : BF120636.D
 Acq On : 17 Jun 2020 16:57
 Operator : JU/CG
 Sample : L3024-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-7

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-BF061020.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	5.404	560	564	580	rVB	2168176	1947039	58.46%	5.992%
2	6.428	733	738	741	rBV	2379258	2056176	61.74%	6.328%
3	6.798	797	801	804	rBV	1013773	802159	24.09%	2.468%
4	6.951	823	827	831	rBV	2264182	1861966	55.91%	5.730%
5	7.357	892	896	899	rBV	1775549	1408276	42.29%	4.334%
6	8.075	1015	1018	1022	rBV	1133507	1038652	31.19%	3.196%
7	9.151	1197	1201	1204	rBV	3543322	2856304	85.77%	8.790%
8	9.545	1265	1268	1272	rBV	304745	235311	7.07%	0.724%
9	9.692	1288	1293	1296	rBV	48945	46885	1.41%	0.144%
10	9.751	1296	1303	1313	rVV2	37261	77327	2.32%	0.238%
11	9.828	1313	1316	1320	rVV	1443507	1188160	35.68%	3.656%
12	10.616	1446	1450	1453	rBV	2052359	1758598	52.81%	5.412%
13	11.180	1539	1546	1549	rBV5	20479	37743	1.13%	0.116%
14	11.310	1565	1568	1571	rBV	1423818	1345468	40.40%	4.140%
15	11.333	1571	1572	1576	rVV	407470	288064	8.65%	0.886%
16	11.386	1579	1581	1584	rVB	99706	73811	2.22%	0.227%
17	11.539	1602	1607	1610	rBV	42420	49215	1.48%	0.151%
18	11.816	1650	1654	1656	rBV	108555	104348	3.13%	0.321%
19	11.839	1656	1658	1661	rVV	179025	145837	4.38%	0.449%
20	11.886	1661	1666	1669	rVV2	43282	58165	1.75%	0.179%
21	11.922	1669	1672	1675	rVV	169589	188308	5.65%	0.579%
22	11.945	1675	1676	1680	rVB	104128	69039	2.07%	0.212%
23	12.110	1696	1704	1706	rBV	73537	82166	2.47%	0.253%
24	12.133	1706	1708	1712	rVB2	58817	53998	1.62%	0.166%
25	12.363	1743	1747	1750	rBV	133405	130344	3.91%	0.401%
26	12.398	1750	1753	1755	rVV2	67765	79858	2.40%	0.246%
27	12.445	1758	1761	1767	rVV2	85828	97762	2.94%	0.301%
28	12.522	1771	1774	1778	rVB	768003	617804	18.55%	1.901%
29	12.651	1793	1796	1798	rBV2	36463	36707	1.10%	0.113%
30	12.751	1807	1813	1815	rBV	801838	761749	22.87%	2.344%
31	12.780	1815	1818	1826	rVB	367591	487840	14.65%	1.501%
32	12.898	1834	1838	1841	rBV	3744162	3330339	100.00%	10.249%
33	12.969	1845	1850	1854	rBV3	97989	148885	4.47%	0.458%
34	13.057	1862	1865	1866	rBV3	79140	87528	2.63%	0.269%

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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-BF061020.M

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35	13.074	1866	1868	1872	rVB2	109835	121600	3.65%	0.374%
36	13.145	1872	1880	1883	rBV2	76004	128375	3.85%	0.395%
37	13.180	1883	1886	1889	rBV	133097	136769	4.11%	0.421%
38	13.274	1899	1902	1905	rBV	117684	100368	3.01%	0.309%
39	13.304	1905	1907	1911	rVB	105465	88349	2.65%	0.272%
40	13.380	1917	1920	1926	rVB5	29046	50353	1.51%	0.155%
41	13.451	1930	1932	1934	rBV3	32202	36794	1.10%	0.113%
42	13.586	1949	1955	1959	rVB	117571	136972	4.11%	0.422%
43	13.645	1963	1965	1969	rVB	40435	36451	1.09%	0.112%
44	13.698	1969	1974	1977	rBV2	93969	167419	5.03%	0.515%
45	13.745	1980	1982	1987	rVV2	60159	79183	2.38%	0.244%
46	13.798	1987	1991	2000	rVB3	327614	557798	16.75%	1.717%
47	13.945	2009	2016	2019	rBV2	1567185	1946244	58.44%	5.989%
48	13.974	2019	2021	2027	rVB	417362	382140	11.47%	1.176%
49	14.116	2042	2045	2050	rVB6	57974	88820	2.67%	0.273%
50	14.333	2077	2082	2085	rVB	134410	136085	4.09%	0.419%
51	14.368	2085	2088	2091	rVB2	95617	89374	2.68%	0.275%
52	14.421	2095	2097	2100	rVV3	62816	83148	2.50%	0.256%
53	14.457	2100	2103	2105	rVB2	68610	65719	1.97%	0.202%
54	14.633	2130	2133	2136	rBV2	37914	45986	1.38%	0.142%
55	14.716	2144	2147	2150	rBV2	62690	76012	2.28%	0.234%
56	14.798	2157	2161	2163	rBV2	47937	67405	2.02%	0.207%
57	14.880	2172	2175	2179	rVB2	49700	47815	1.44%	0.147%
58	14.968	2186	2190	2193	rBV	563828	754661	22.66%	2.322%
59	15.045	2200	2203	2206	rBV2	64303	73876	2.22%	0.227%
60	15.074	2206	2208	2213	rVB	74434	67514	2.03%	0.208%
61	15.263	2236	2240	2245	rVB	339354	410441	12.32%	1.263%
62	15.321	2246	2250	2255	rVB	362335	411663	12.36%	1.267%
63	15.386	2255	2261	2264	rBV	1182546	1457368	43.76%	4.485%
64	15.410	2264	2265	2272	rVB3	149099	180405	5.42%	0.555%
65	15.692	2310	2313	2316	rVB2	30717	38706	1.16%	0.119%
66	15.839	2335	2338	2342	rVB4	42458	54725	1.64%	0.168%
67	15.892	2344	2347	2349	rBV4	34156	44811	1.35%	0.138%
68	16.792	2494	2500	2509	rVB2	183745	350503	10.52%	1.079%
69	16.962	2525	2529	2533	rBV	32884	56092	1.68%	0.173%
70	17.021	2535	2539	2543	rVV2	31416	54471	1.64%	0.168%
71	17.215	2566	2572	2581	rVB	163509	319618	9.60%	0.984%

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ClientSampleId :
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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

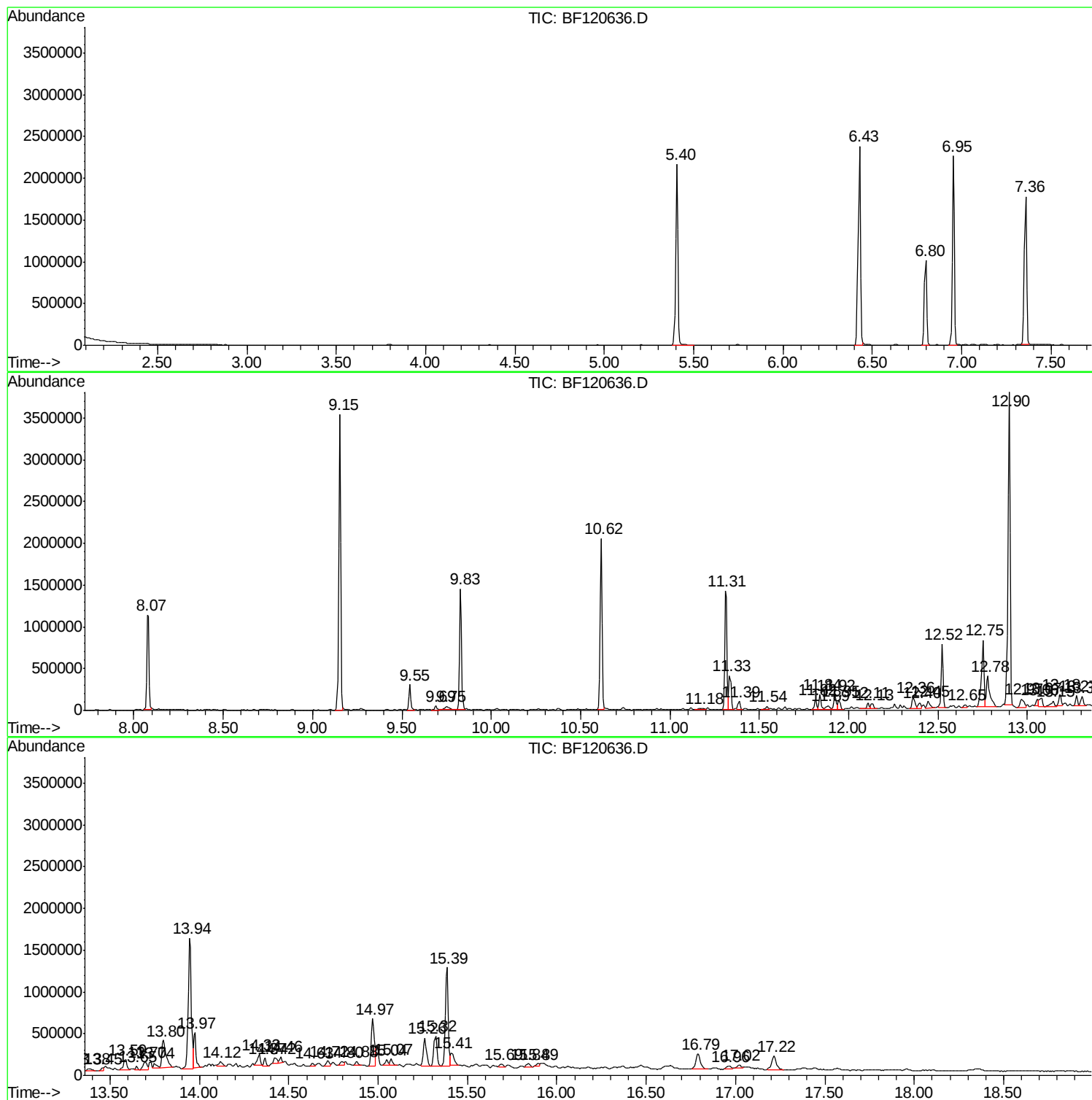
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RO-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.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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Data File : BF120636.D
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Operator : JU/CG
Sample : L3024-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

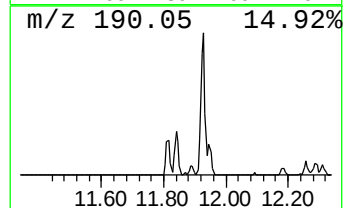
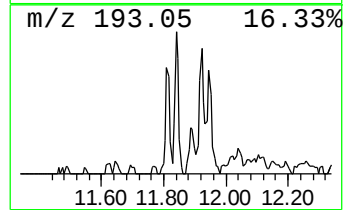
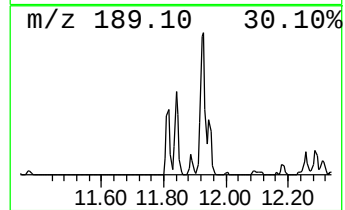
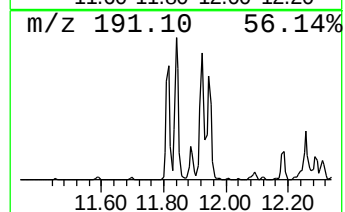
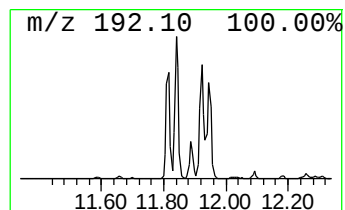
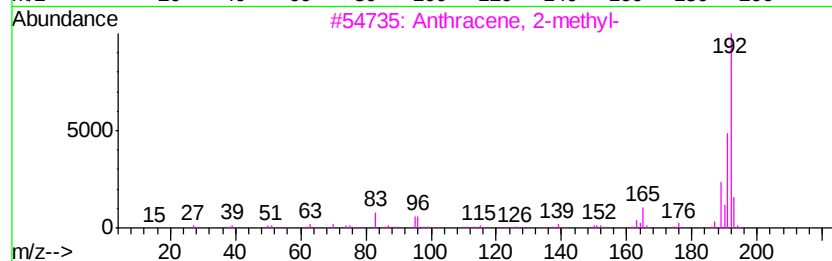
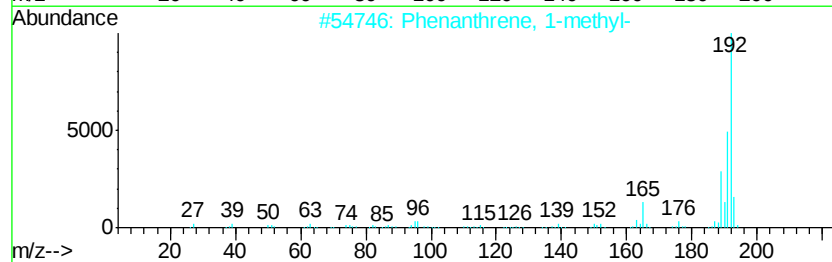
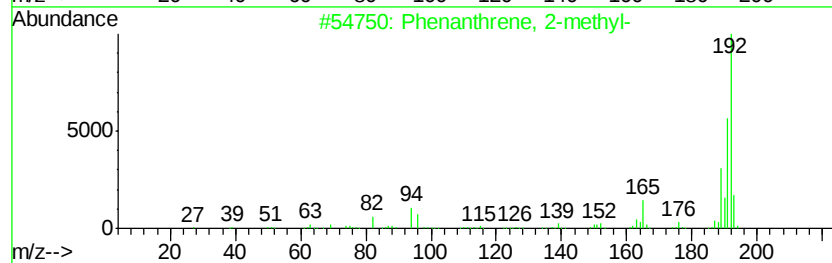
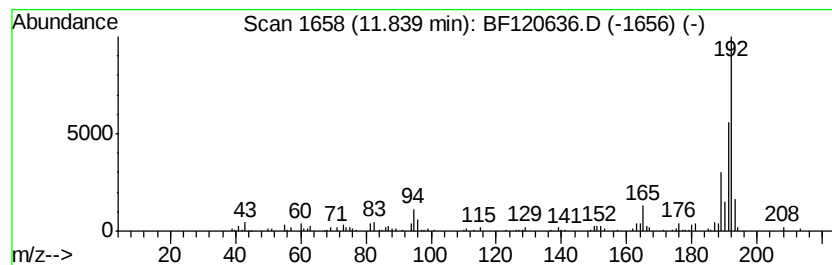
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	2.17 ng	145837	Phenanthrene-d10	11.31	
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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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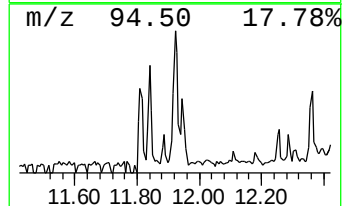
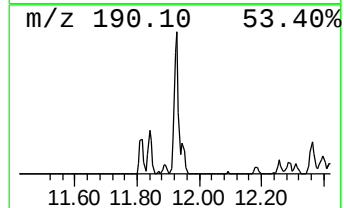
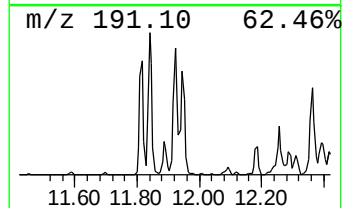
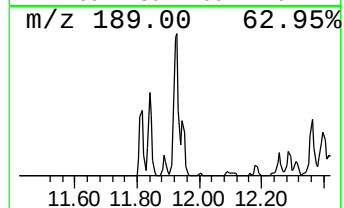
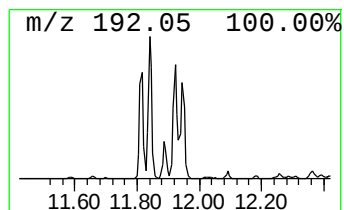
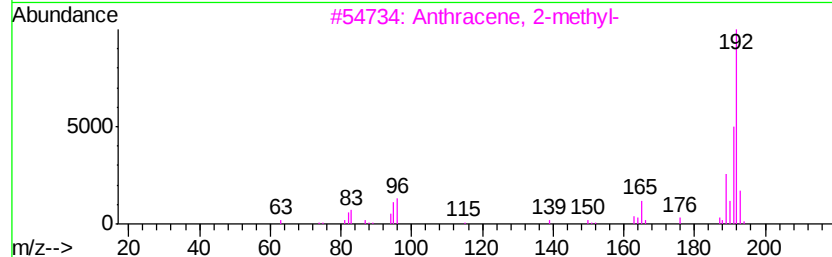
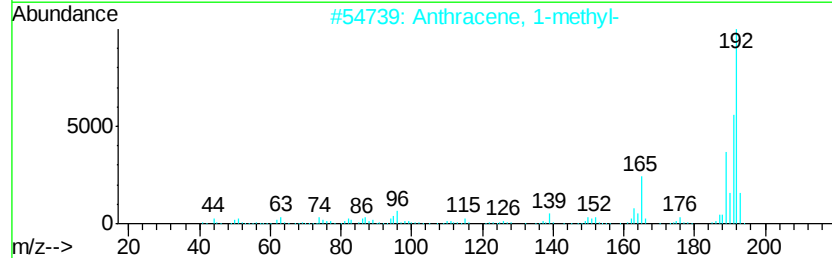
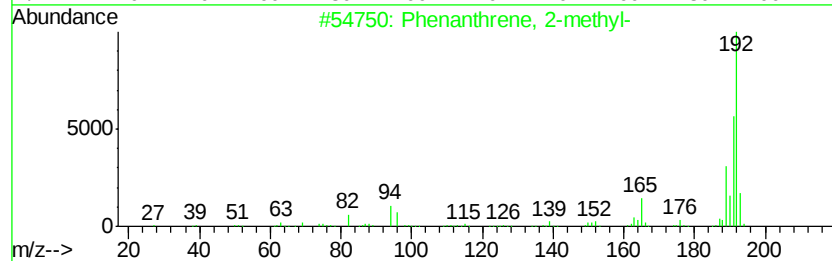
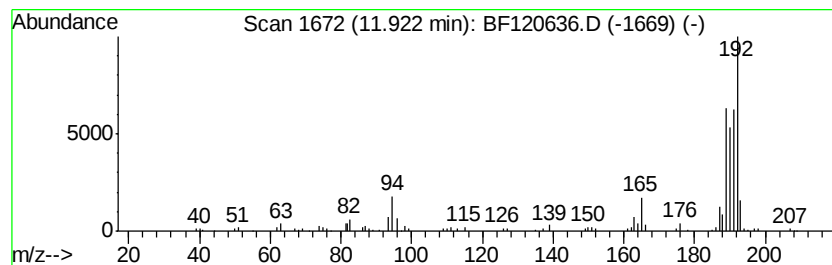
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.80 ng	188308	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	60



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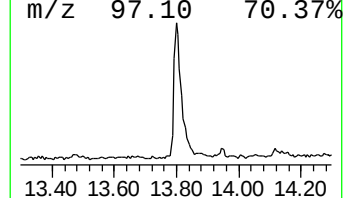
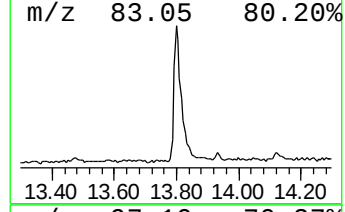
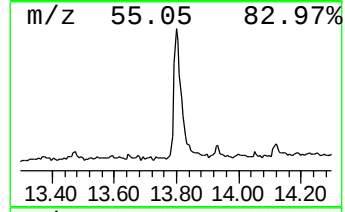
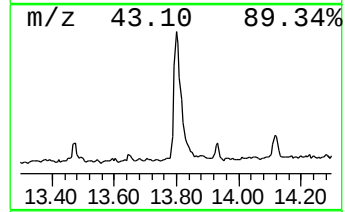
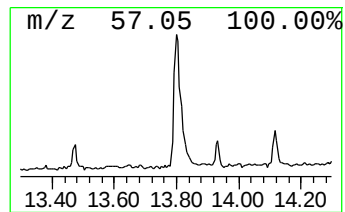
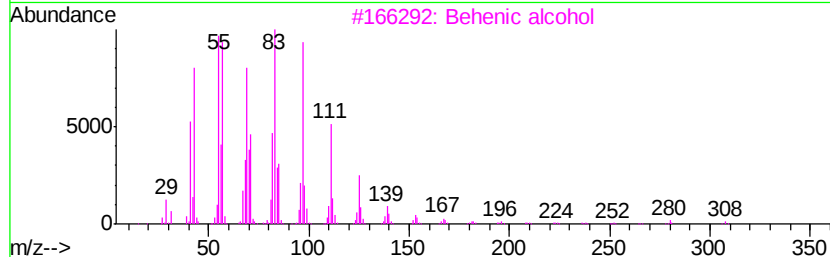
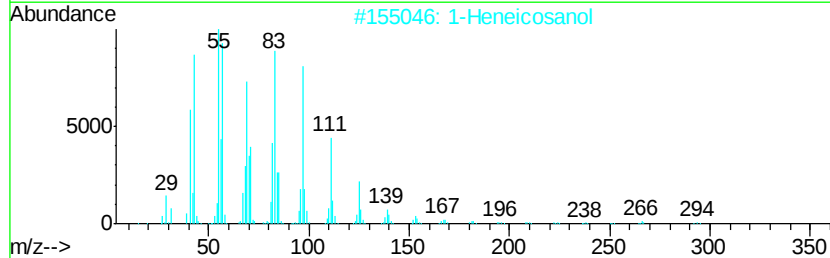
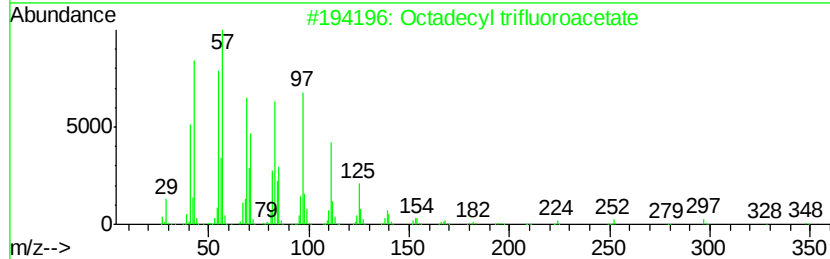
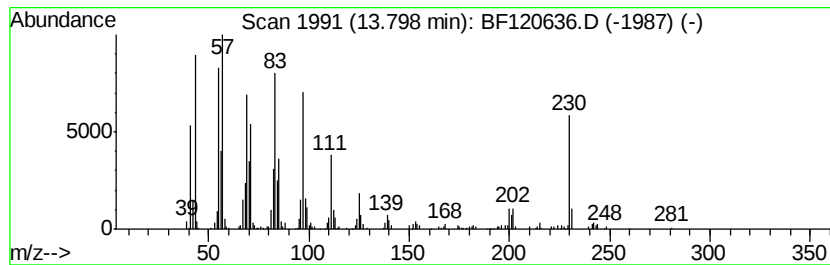
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.80	5.73 ng	557798	Chrysene-d12		13.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90



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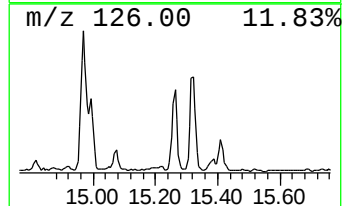
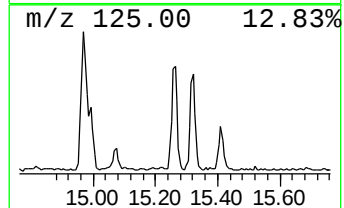
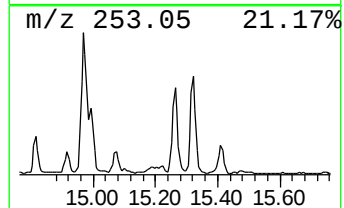
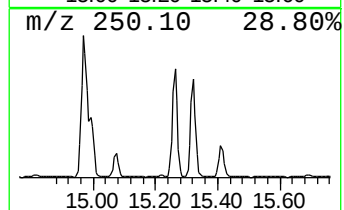
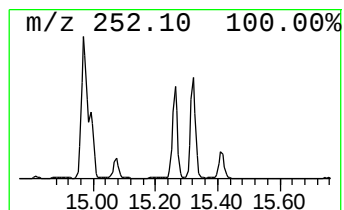
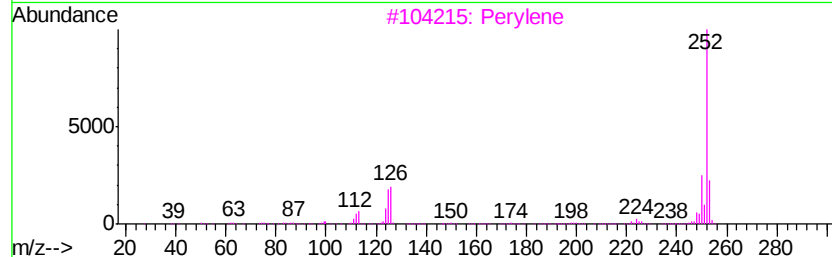
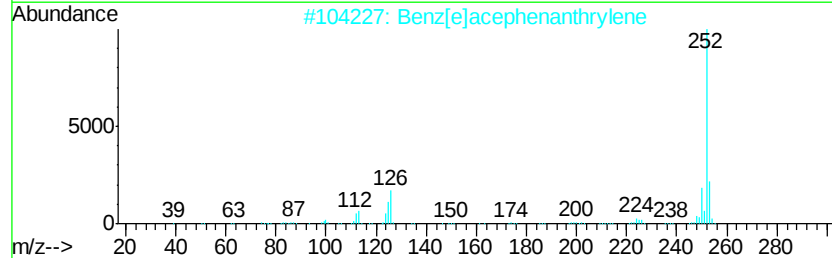
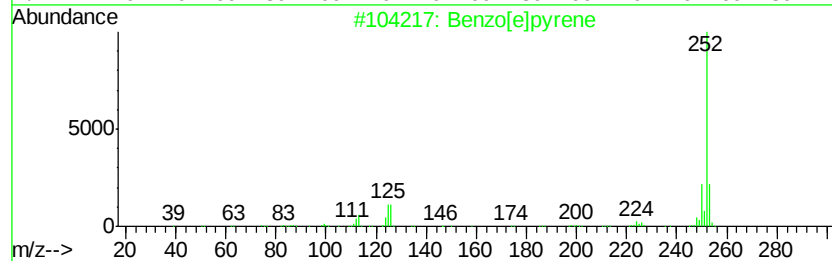
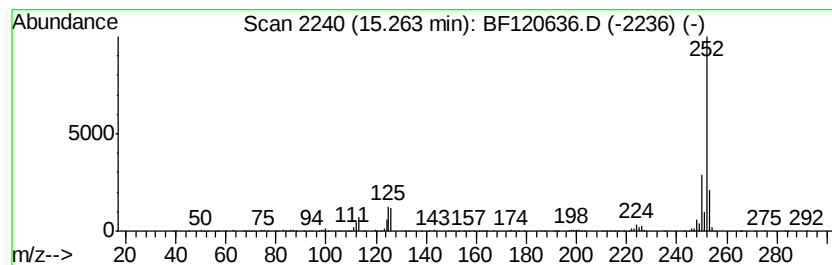
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	5.63 ng	410441	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061720\
Data File : BF120636.D
Acq On : 17 Jun 2020 16:57
Operator : JU/CG
Sample : L3024-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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...	11.84	2.2 ng		145837	4	11.31	1345470	20.0
Anthracene, 1-met...	11.92	2.8 ng		188308	4	11.31	1345470	20.0
Octadecyl trifluo...	13.80	5.7 ng		557798	5	13.95	1946240	20.0
Benzo[e]pyrene	15.26	5.6 ng		410441	6	15.39	1457370	20.0