

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022720\
 Data File : BF119128.D
 Acq On : 28 Feb 2020 1:02
 Operator : CG/JU
 Sample : L1696-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-052-B

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-BF022020.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	4.957	485	488	498	rVB	27281	38507	1.54%	0.143%
2	5.369	555	558	581	rBV	2132871	2329060	93.27%	8.654%
3	6.393	728	732	753	rBV	2339121	2205244	88.31%	8.194%
4	6.745	789	792	802	rBV	980392	787345	31.53%	2.925%
5	6.904	815	819	822	rBV	2359736	2046330	81.95%	7.603%
6	7.310	884	888	900	rBV	1500953	1426309	57.12%	5.299%
7	8.028	1006	1010	1024	rBV	1058554	938408	37.58%	3.487%
8	9.098	1188	1192	1196	rBV	2624799	2497039	100.00%	9.278%
9	9.492	1256	1259	1267	rBV	214860	212344	8.50%	0.789%
10	9.781	1304	1308	1311	rBV	1006194	920450	36.86%	3.420%
11	9.810	1311	1313	1317	rVB	28668	25567	1.02%	0.095%
12	10.328	1397	1401	1407	rBV	28009	27797	1.11%	0.103%
13	10.569	1438	1442	1453	rBV	1438383	1337700	53.57%	4.970%
14	11.263	1556	1560	1562	rBV	914014	811918	32.52%	3.017%
15	11.286	1562	1564	1568	rVV	357638	295142	11.82%	1.097%
16	11.339	1569	1573	1577	rVB	136202	123929	4.96%	0.460%
17	11.498	1594	1600	1607	rBV2	18876	34297	1.37%	0.127%
18	11.763	1642	1645	1647	rBV	56096	43921	1.76%	0.163%
19	11.792	1647	1650	1653	rBV	136624	117513	4.71%	0.437%
20	11.875	1661	1664	1667	rBV	107174	111000	4.45%	0.412%
21	11.898	1667	1668	1674	rVB	40210	26104	1.05%	0.097%
22	12.057	1690	1695	1699	rBV	42611	45143	1.81%	0.168%
23	12.310	1735	1738	1741	rBV	30164	33855	1.36%	0.126%
24	12.404	1751	1754	1758	rVB3	23478	26657	1.07%	0.099%
25	12.475	1762	1766	1770	rBV	1012270	841030	33.68%	3.125%
26	12.575	1780	1783	1787	rBV2	31726	39353	1.58%	0.146%
27	12.704	1799	1805	1808	rBV2	747978	820359	32.85%	3.048%
28	12.751	1811	1813	1820	rVB2	35403	44825	1.80%	0.167%
29	12.845	1822	1829	1832	rBV	2489955	2336401	93.57%	8.681%
30	12.922	1837	1842	1846	rBV2	53044	93059	3.73%	0.346%
31	13.010	1853	1857	1858	rBV3	46240	54574	2.19%	0.203%
32	13.033	1858	1861	1864	rVB	149859	152077	6.09%	0.565%
33	13.098	1869	1872	1875	rVV	150872	129837	5.20%	0.482%
34	13.133	1875	1878	1886	rVV3	78442	112793	4.52%	0.419%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.227	1891	1894	1897	rBV2	35714	34980	1.40%	0.130%
36	13.257	1897	1899	1903	rVV3	38756	41929	1.68%	0.156%
37	13.516	1940	1943	1945	rBV2	29999	33088	1.33%	0.123%
38	13.545	1945	1948	1951	rVB	52767	54263	2.17%	0.202%
39	13.651	1962	1966	1968	rBV	91820	100036	4.01%	0.372%
40	13.674	1968	1970	1972	rVV	79390	70021	2.80%	0.260%
41	13.704	1972	1975	1976	rVV	65717	65019	2.60%	0.242%
42	13.751	1979	1983	1991	rVB3	157459	257620	10.32%	0.957%
43	13.898	2001	2008	2011	rBV2	1194916	1649184	66.05%	6.128%
44	13.927	2011	2013	2016	rVB	447175	355530	14.24%	1.321%
45	14.004	2024	2026	2031	rVB	88763	78994	3.16%	0.294%
46	14.051	2032	2034	2039	rBV3	42601	70666	2.83%	0.263%
47	14.251	2066	2068	2070	rBV2	46319	40361	1.62%	0.150%
48	14.733	2148	2150	2154	rVB	73493	69782	2.79%	0.259%
49	14.921	2178	2182	2190	rBV	461169	835790	33.47%	3.105%
50	15.027	2197	2200	2203	rBV	86566	96954	3.88%	0.360%
51	15.210	2228	2231	2237	rVB	237962	305991	12.25%	1.137%
52	15.274	2238	2242	2247	rBV	355201	455377	18.24%	1.692%
53	15.333	2247	2252	2255	rBV	799902	991227	39.70%	3.683%
54	16.739	2487	2491	2499	rVB	126589	221568	8.87%	0.823%

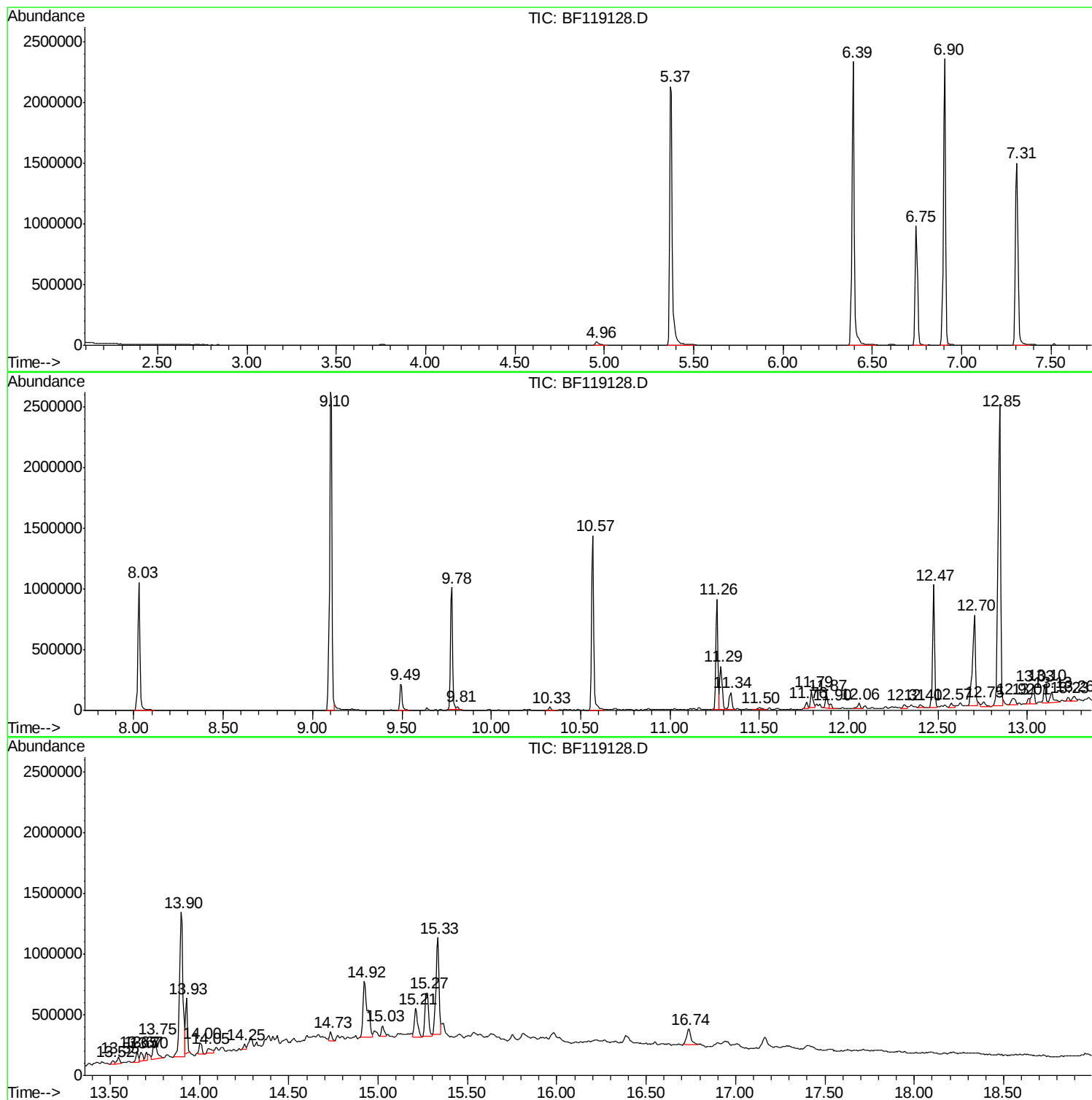
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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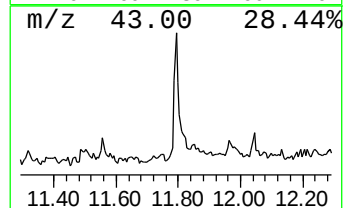
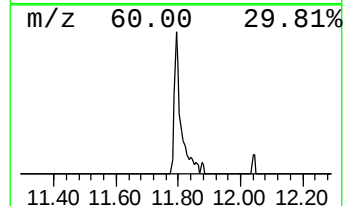
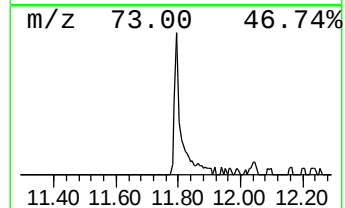
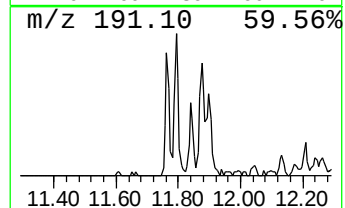
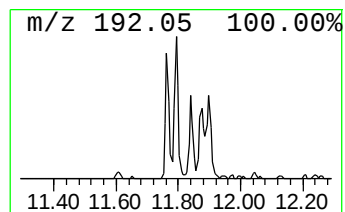
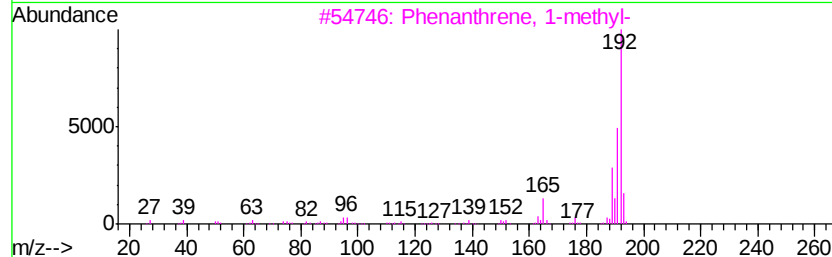
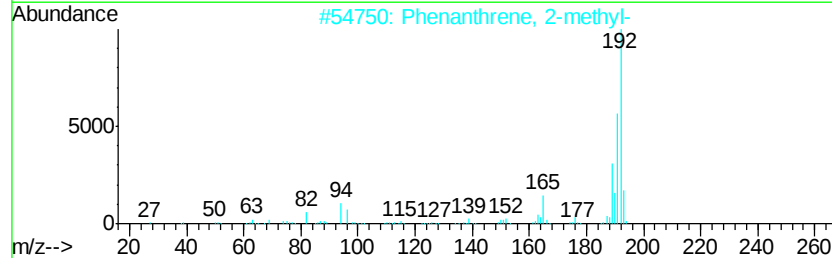
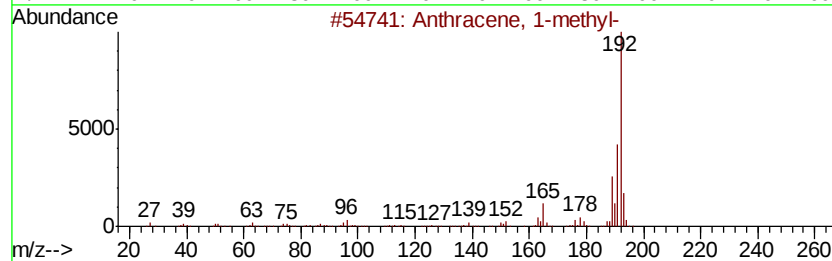
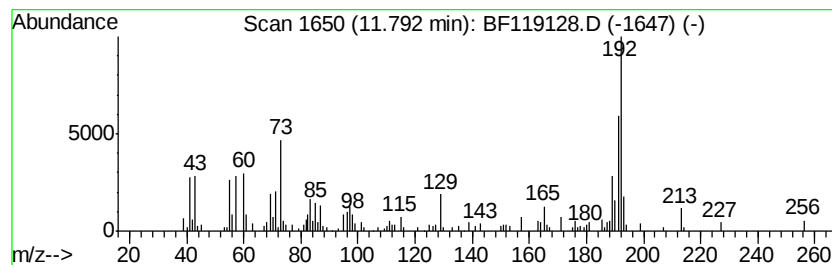
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.79	2.89 ng	117513	Phenanthrene-d10	11.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



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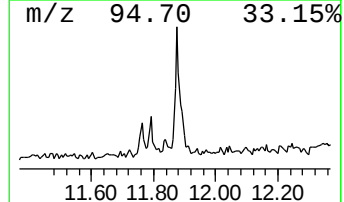
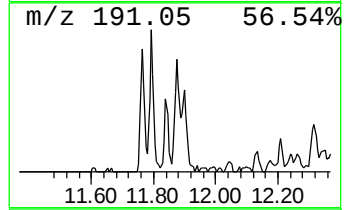
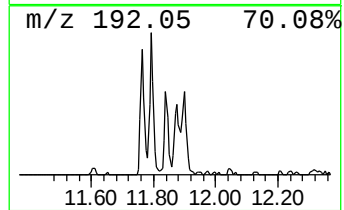
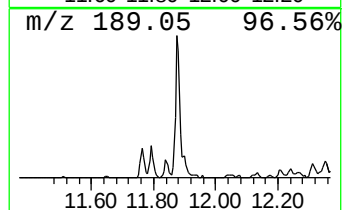
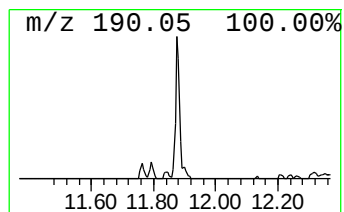
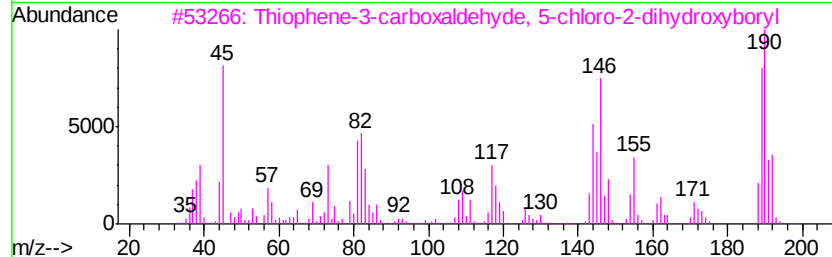
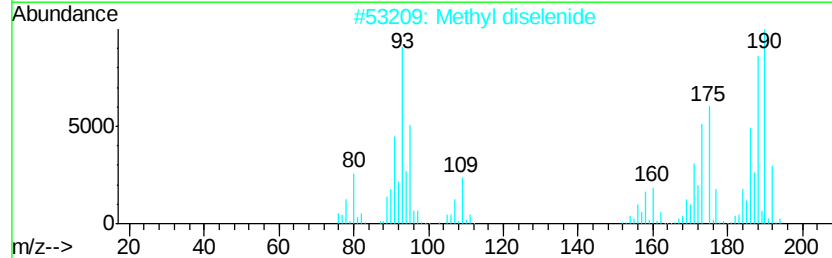
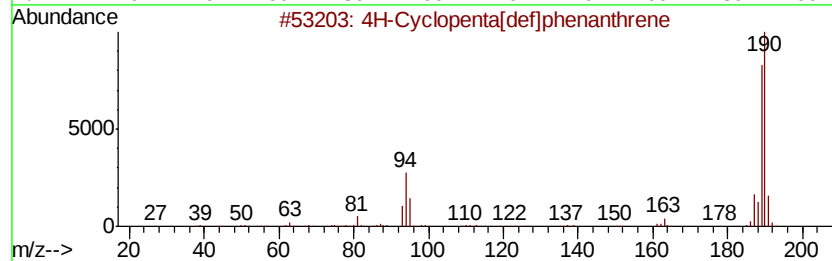
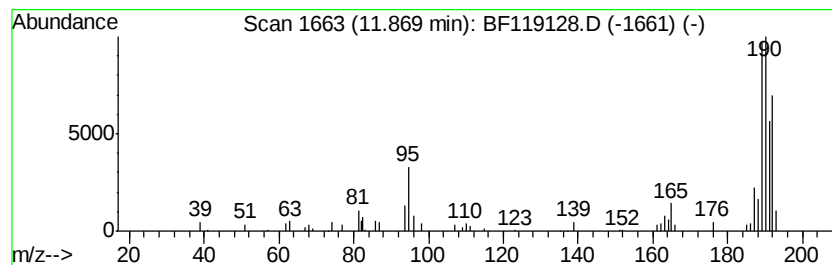
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.73 ng	111000	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Methyl diselenide	190	C2H6Se2	007101-31-7	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33



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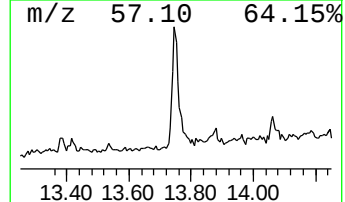
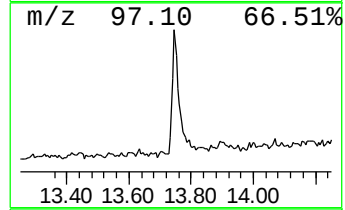
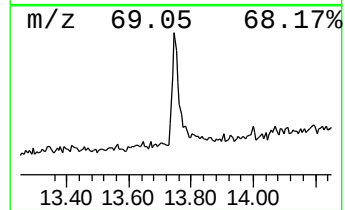
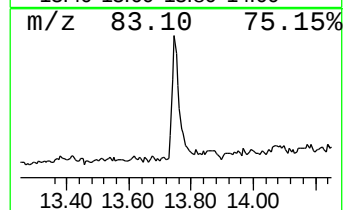
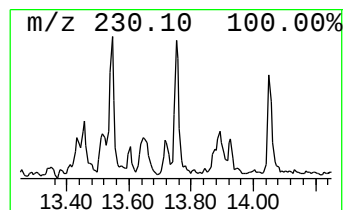
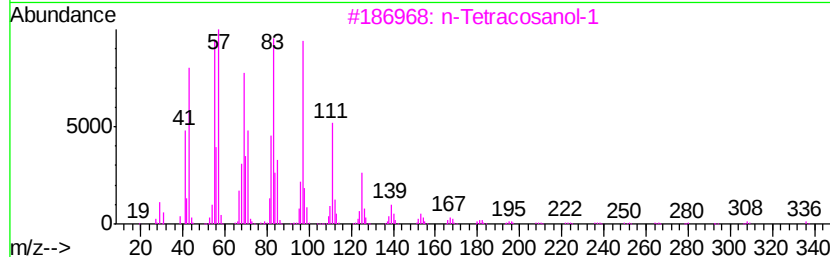
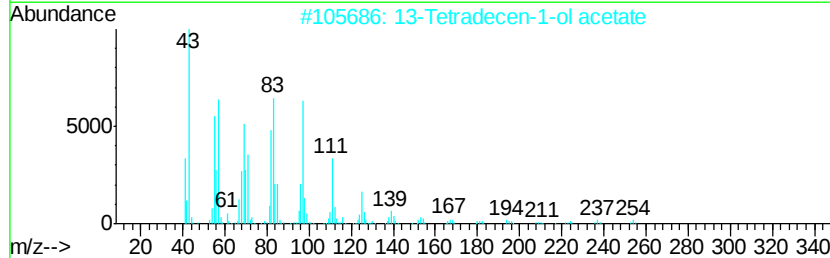
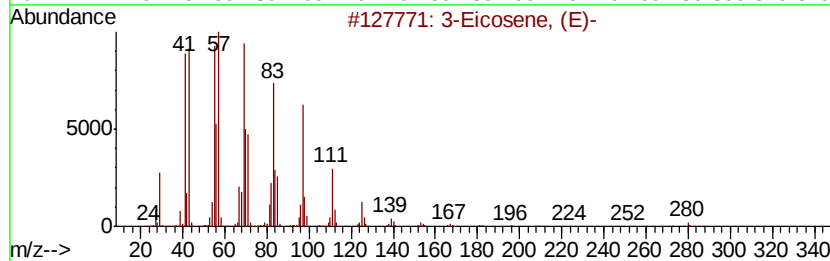
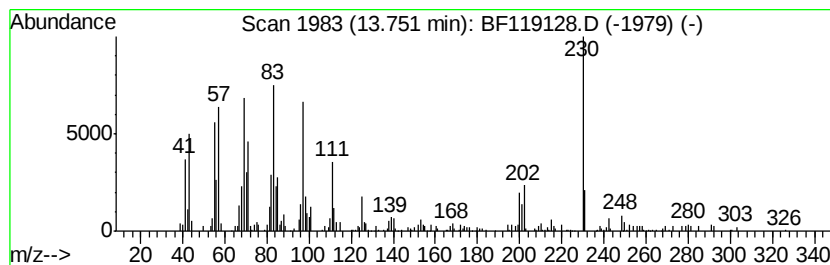
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.75	3.12 ng	257620	Chrysene-d12	13.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	96
2	13-Tetradecen-1-ol acetate		254	C16H30O2	056221-91-1	90
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	89
4	Cyclotetradecane		196	C14H28	000295-17-0	89
5	E-14-Hexadecenal		238	C16H30O	330207-53-9	89



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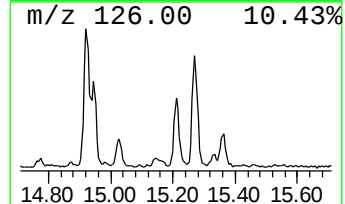
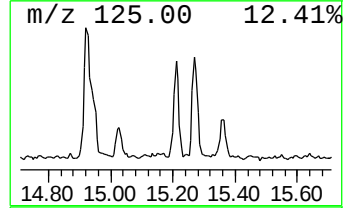
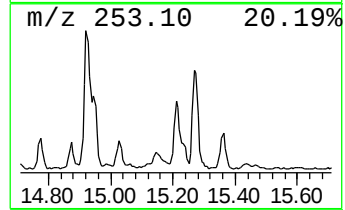
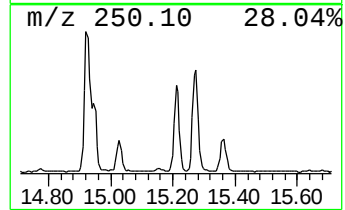
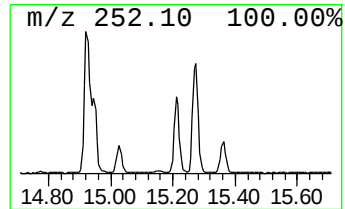
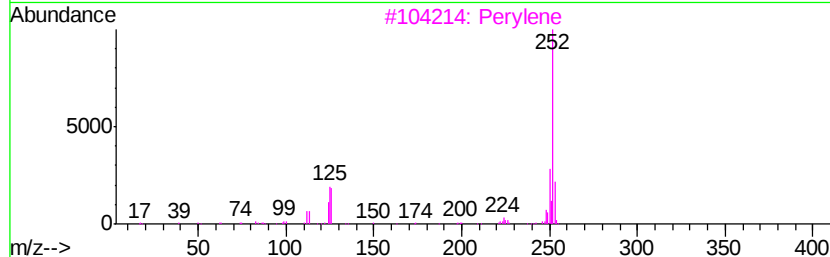
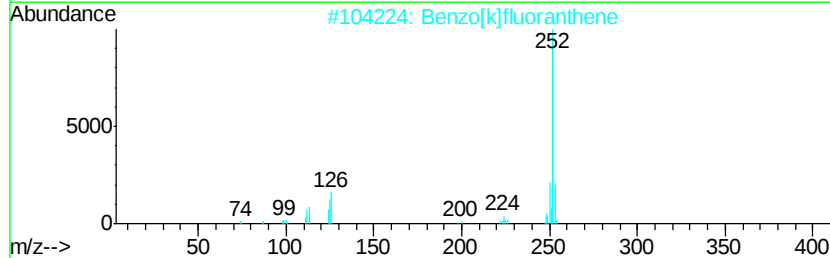
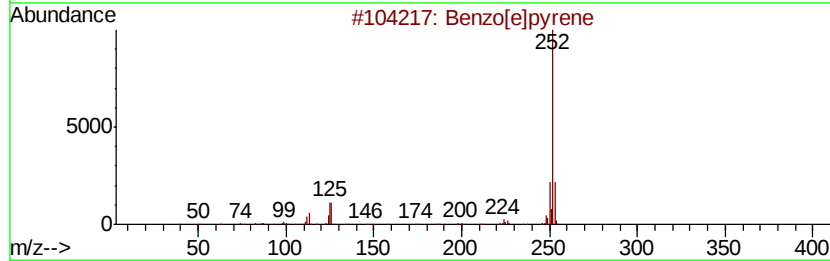
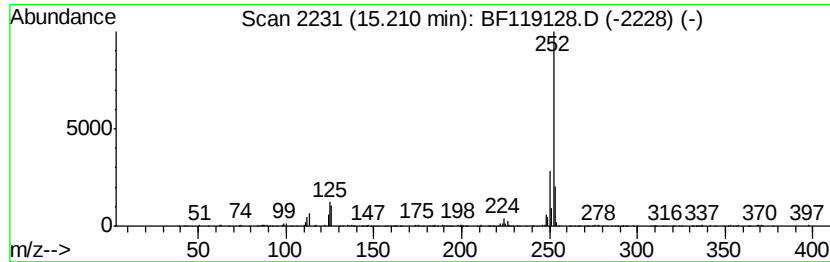
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	6.17 ng	305991	Perylene-d12	15.33

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-met...	11.79	2.9	ng	117513	4	11.26	811918	20.0
4H-Cyclopenta[def...	11.87	2.7	ng	111000	4	11.26	811918	20.0
3-Eicosene, (E)-	13.75	3.1	ng	257620	5	13.90	1649180	20.0
Benzo[e]pyrene	15.21	6.2	ng	305991	6	15.33	991227	20.0