

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
 Data File : BF116994.D
 Acq On : 12 Sep 2019 16:15
 Operator : HP/JU
 Sample : K4852-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-3(0-3.5)

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-BF083019.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	5.440	566	570	582	rVB	1227479	1141275	81.41%	7.619%
2	6.457	738	743	758	rVV	1321208	1260380	89.91%	8.414%
3	6.593	762	766	774	rBV	1449615	1291202	92.11%	8.619%
4	6.651	774	776	782	rVB2	18021	17863	1.27%	0.119%
5	6.822	802	805	813	rBV	393463	370804	26.45%	2.475%
6	6.981	828	832	843	rVB	1158009	975953	69.62%	6.515%
7	7.381	896	900	919	rVB	792458	762966	54.43%	5.093%
8	8.104	1019	1023	1033	rBV	478232	492439	35.13%	3.287%
9	9.175	1201	1205	1216	rBV	1676710	1401862	100.00%	9.358%
10	9.257	1216	1219	1230	rVB5	25690	37101	2.65%	0.248%
11	9.563	1268	1271	1280	rBV	114965	115362	8.23%	0.770%
12	9.716	1294	1297	1301	rVB	20019	21037	1.50%	0.140%
13	9.851	1315	1320	1324	rBV	583501	523804	37.36%	3.497%
14	9.881	1324	1325	1331	rVB3	21722	22251	1.59%	0.149%
15	10.057	1351	1355	1360	rBV2	19391	26972	1.92%	0.180%
16	10.398	1410	1413	1418	rVB	27396	31082	2.22%	0.207%
17	10.639	1450	1454	1465	rBV	745579	775727	55.34%	5.178%
18	10.769	1472	1476	1482	rVB3	35165	55210	3.94%	0.369%
19	11.233	1553	1555	1562	rVB2	34051	34145	2.44%	0.228%
20	11.333	1568	1572	1574	rBV	484643	429412	30.63%	2.867%
21	11.357	1574	1576	1582	rVV	203045	185609	13.24%	1.239%
22	11.410	1582	1585	1587	rVV	59693	49157	3.51%	0.328%
23	11.628	1620	1622	1626	rVB5	24868	21466	1.53%	0.143%
24	11.839	1655	1658	1659	rBV	27441	26252	1.87%	0.175%
25	11.863	1659	1662	1668	rVV3	162445	168626	12.03%	1.126%
26	11.945	1674	1676	1679	rVB	51687	45191	3.22%	0.302%
27	12.128	1705	1707	1710	rBV	25389	23371	1.67%	0.156%
28	12.545	1775	1778	1782	rVB	441204	366219	26.12%	2.445%
29	12.586	1783	1785	1791	rVB4	53032	51736	3.69%	0.345%
30	12.645	1792	1795	1798	rBV3	62737	70595	5.04%	0.471%
31	12.775	1812	1817	1820	rBV	401513	395196	28.19%	2.638%
32	12.916	1837	1841	1844	rBV	1042367	905614	64.60%	6.045%
33	13.104	1870	1873	1876	rVB	71138	75625	5.39%	0.505%
34	13.169	1882	1884	1886	rVB	49089	36279	2.59%	0.242%

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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	13.969	2015	2020	2023	rBV2	454931	603484	43.05%	4.029%
36	13.992	2023	2024	2030	rVB	207001	165875	11.83%	1.107%
37	14.486	2105	2108	2109	rBV2	64949	73125	5.22%	0.488%
38	14.998	2191	2195	2203	rBV	269610	483431	34.48%	3.227%
39	15.298	2243	2246	2251	rVB	151147	194784	13.89%	1.300%
40	15.357	2252	2256	2262	rVV	194100	292406	20.86%	1.952%
41	15.416	2262	2266	2277	rVB2	306377	539189	38.46%	3.599%
42	16.527	2452	2455	2462	rVB3	83183	126852	9.05%	0.847%
43	16.845	2506	2509	2516	rVB2	95915	173265	12.36%	1.157%
44	17.280	2579	2583	2592	rVB	59827	119918	8.55%	0.801%

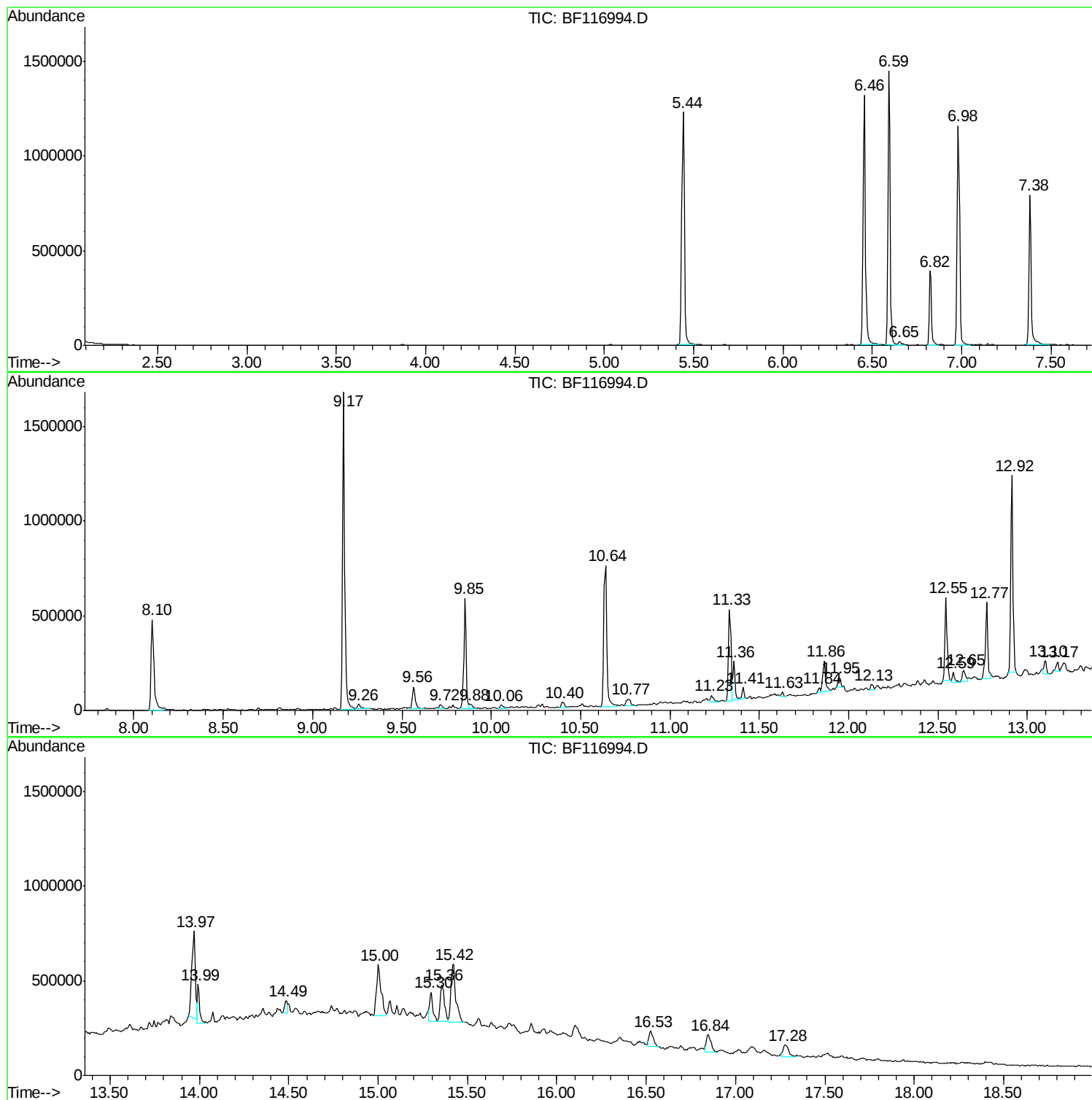
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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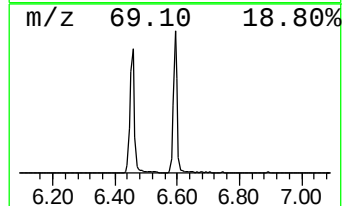
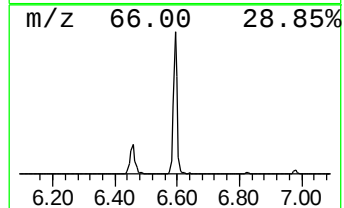
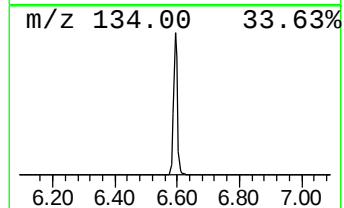
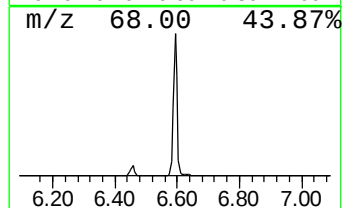
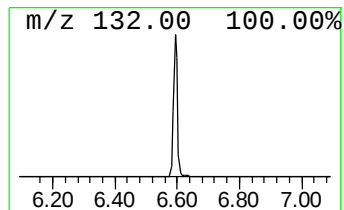
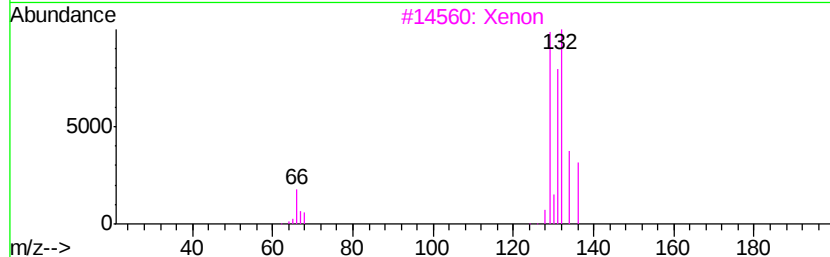
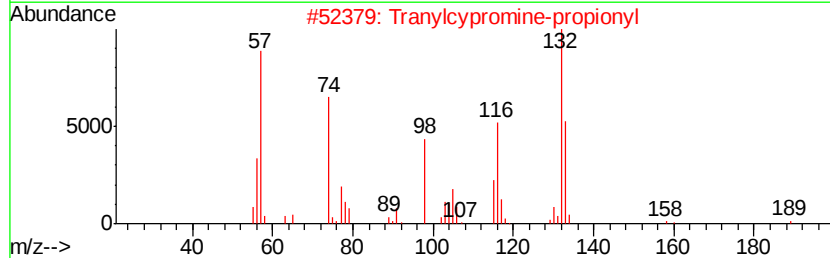
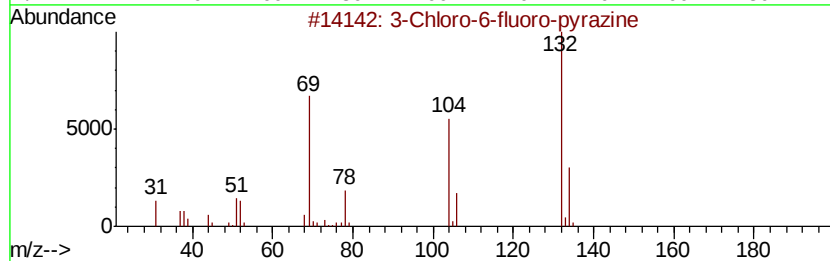
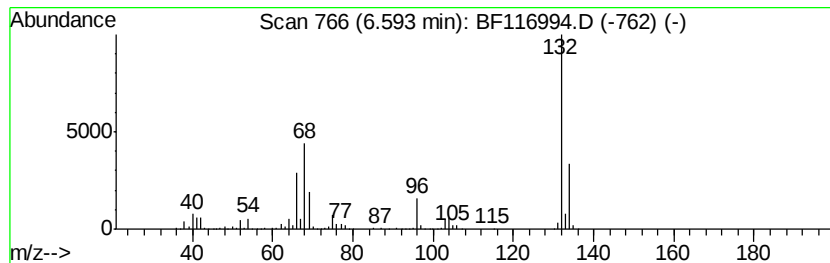
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	69.64 ng	1291200	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
3			Xenon	132	Xe	007440-63-3	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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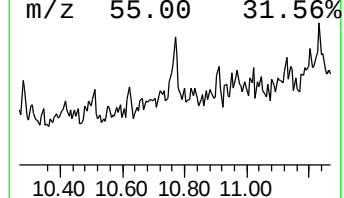
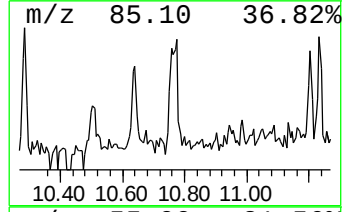
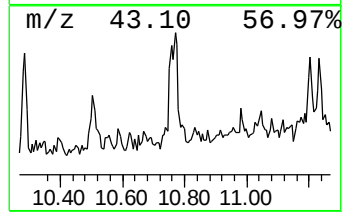
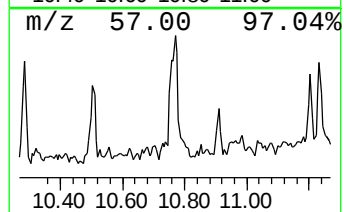
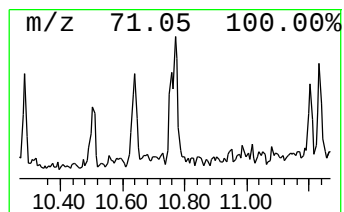
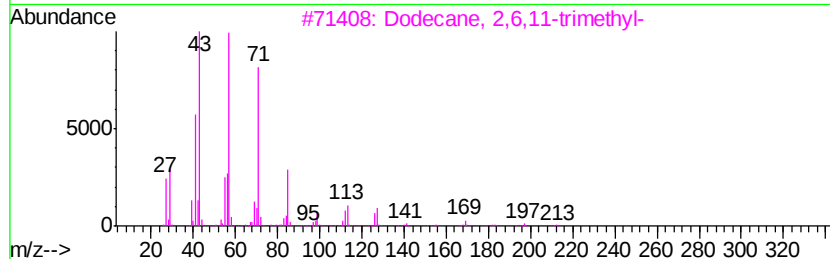
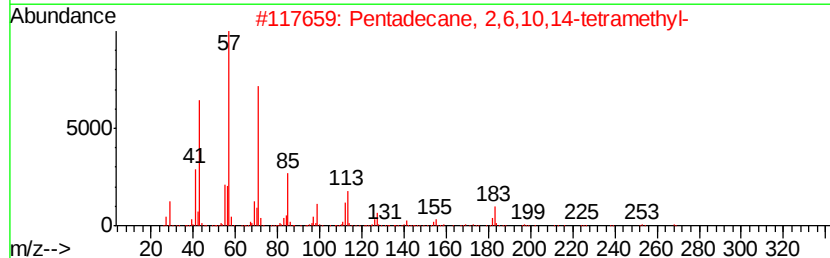
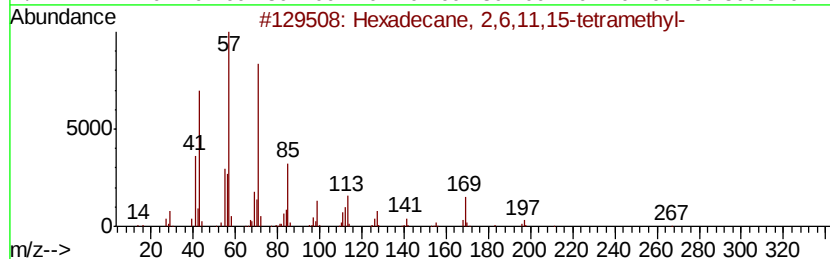
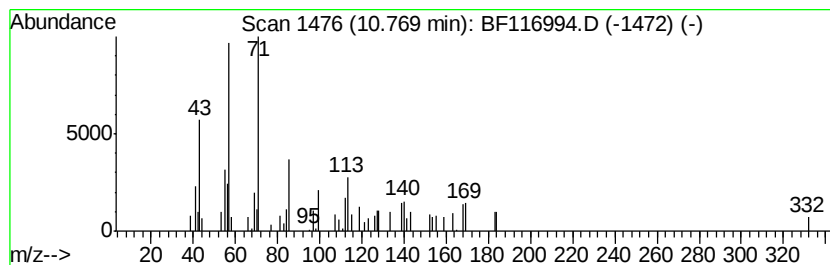
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane, 2,6,11,15-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.77	2.57 ng	55210	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	43
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43



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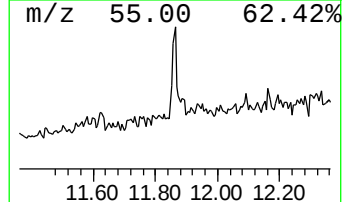
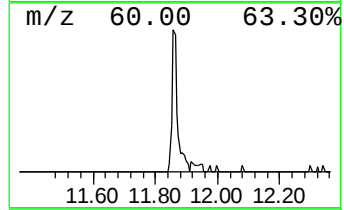
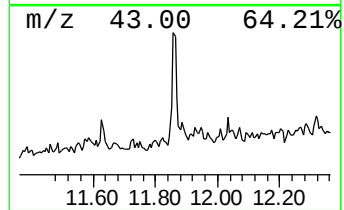
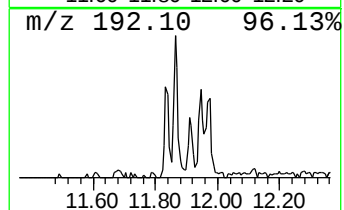
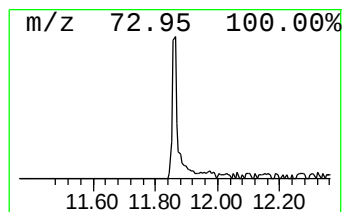
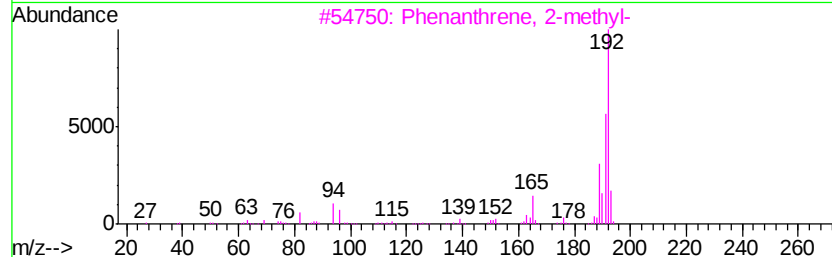
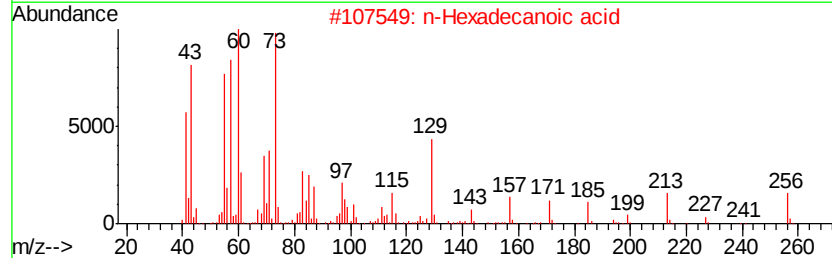
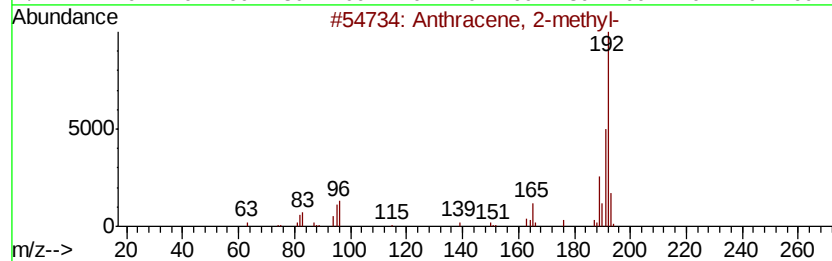
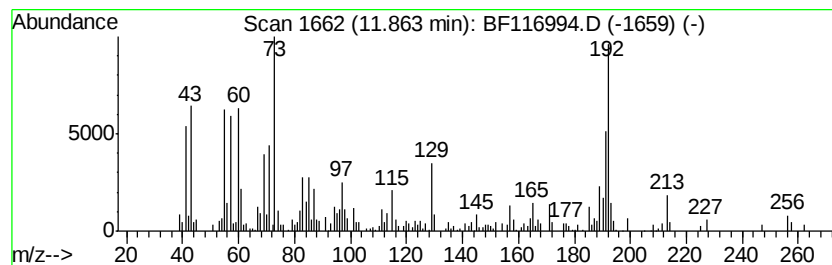
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.85 ng	168626	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	51
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	47
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	47



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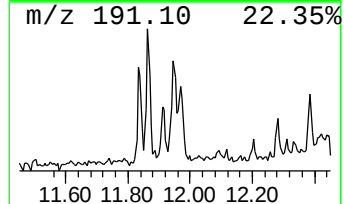
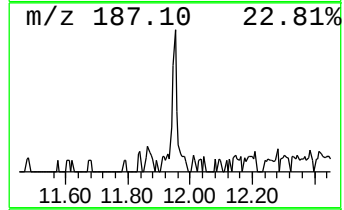
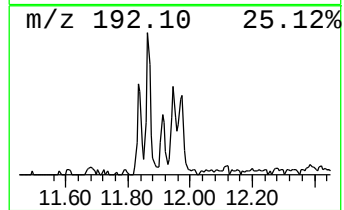
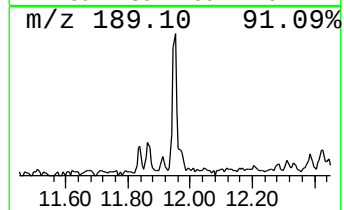
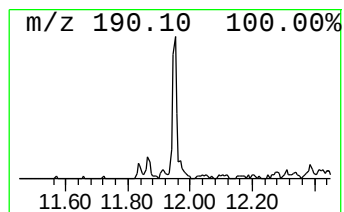
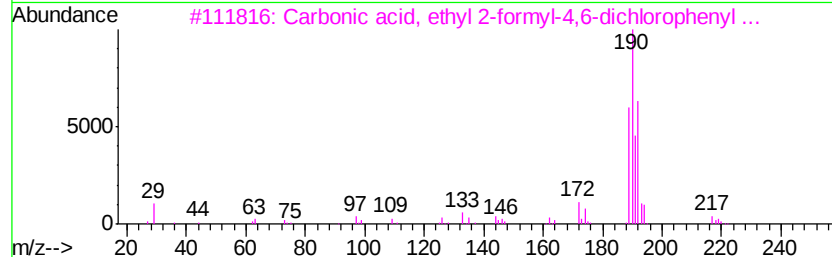
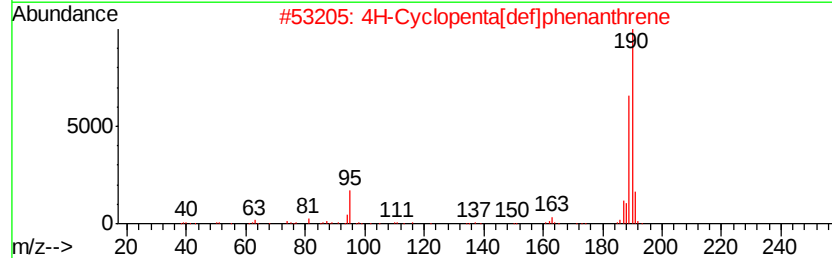
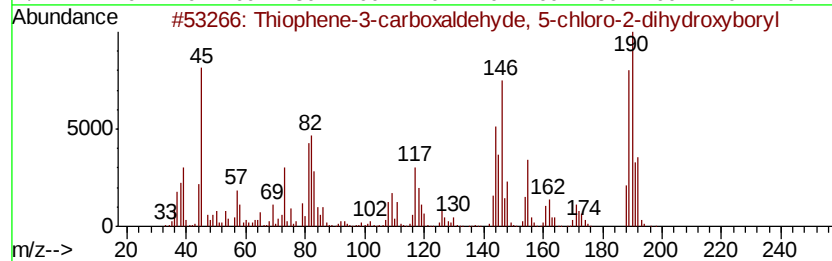
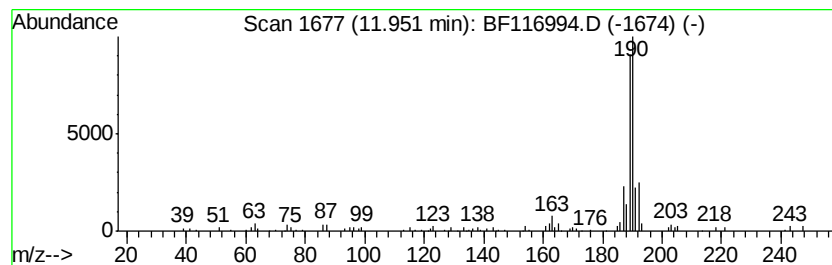
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Thiophene-3-carboxaldehyde,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.10 ng	45191	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	42
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42



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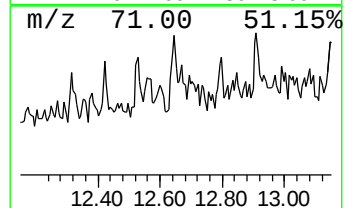
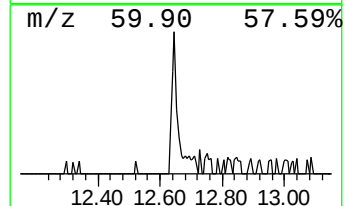
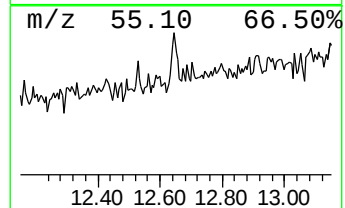
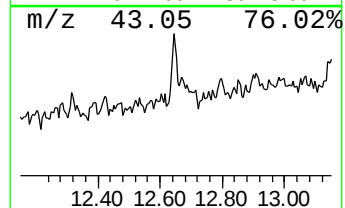
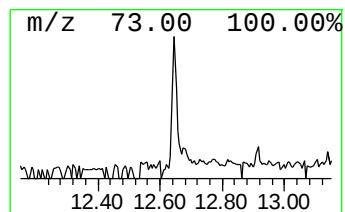
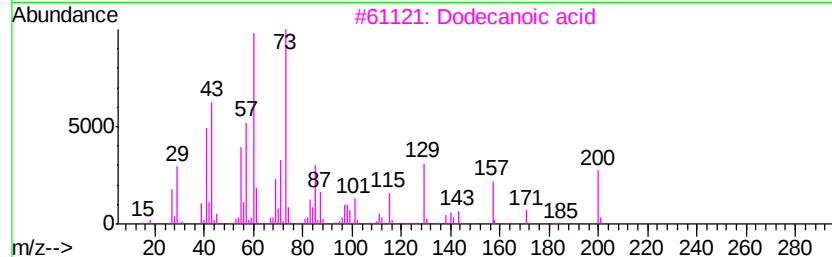
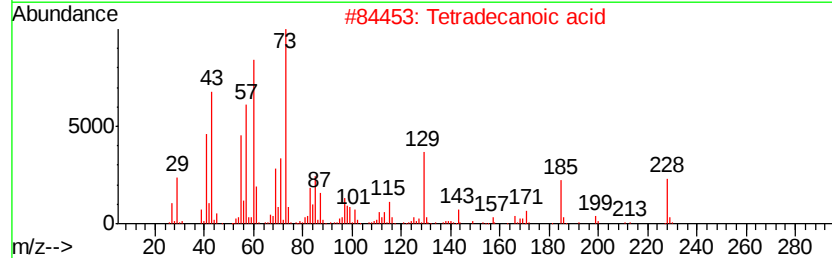
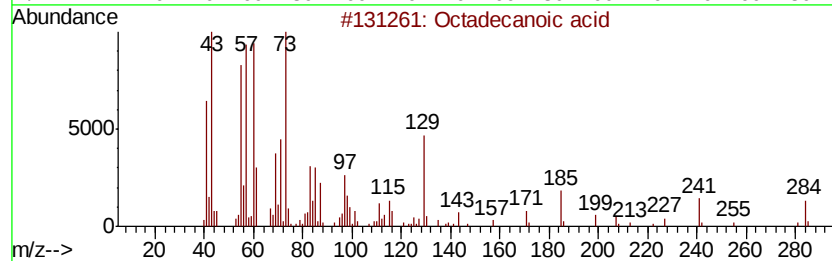
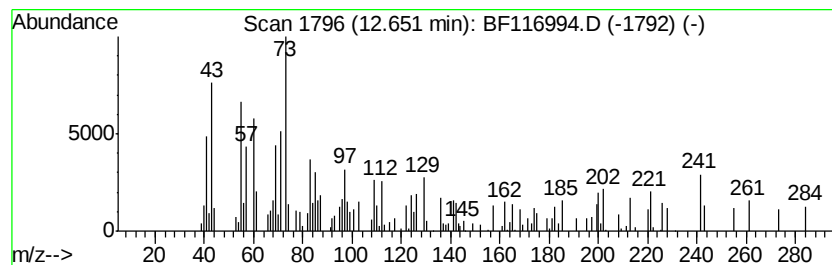
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.29 ng	70595	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	64
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3		Dodecanoic acid	200	C12H24O2	000143-07-7	49
4		Lactose	342	C12H22O11	000063-42-3	38
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116994.D
Acq On : 12 Sep 2019 16:15
Operator : HP/JU
Sample : K4852-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUS-3(0-3.5)

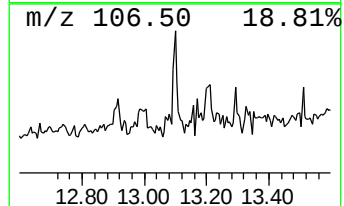
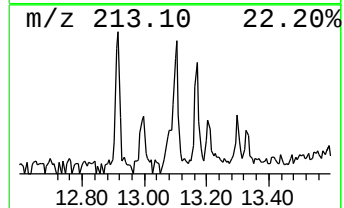
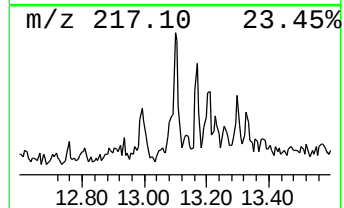
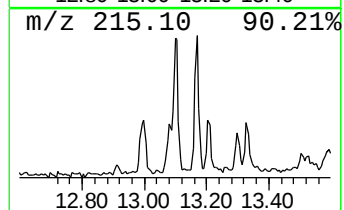
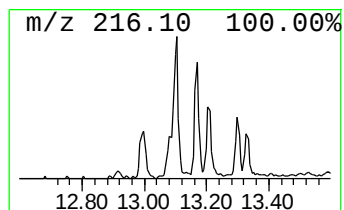
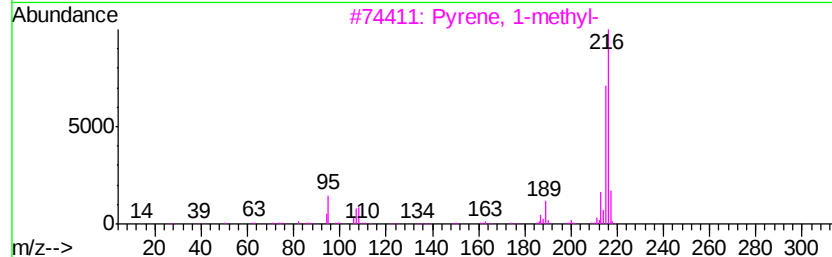
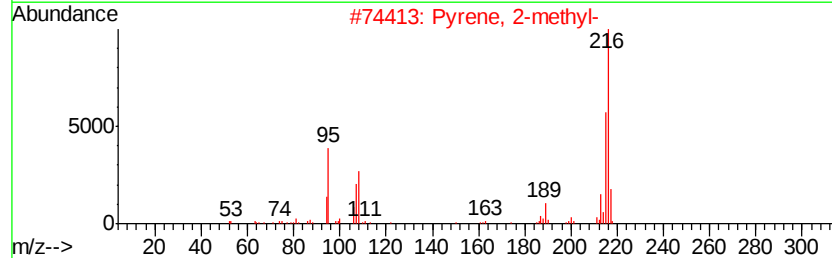
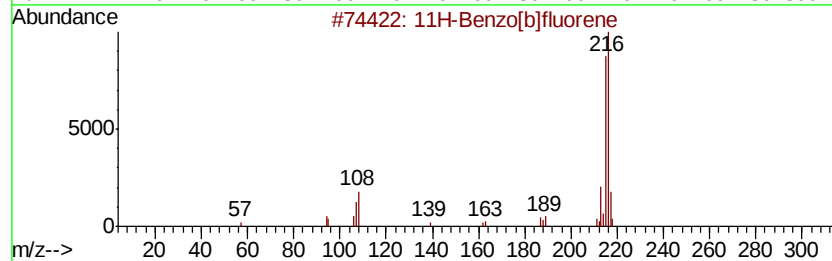
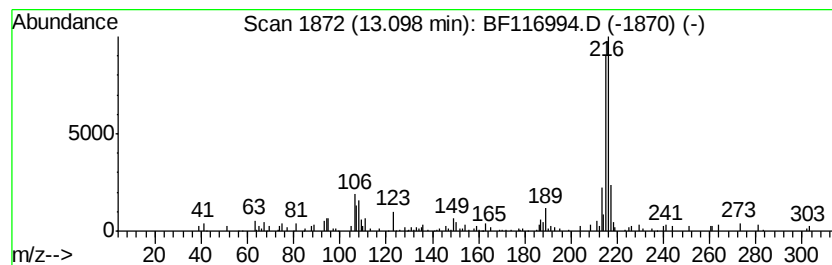
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.51 ng	75625	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116994.D
Acq On : 12 Sep 2019 16:15
Operator : HP/JU
Sample : K4852-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

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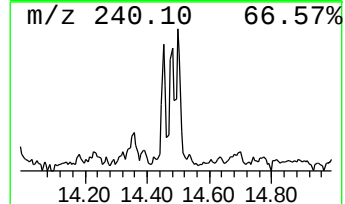
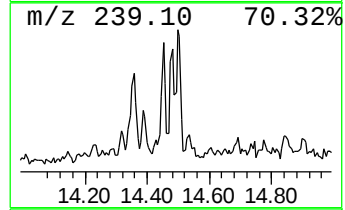
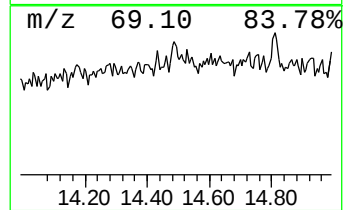
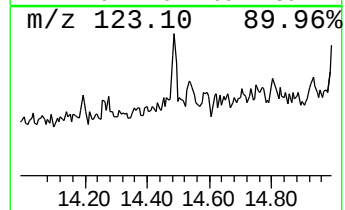
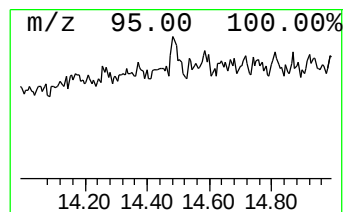
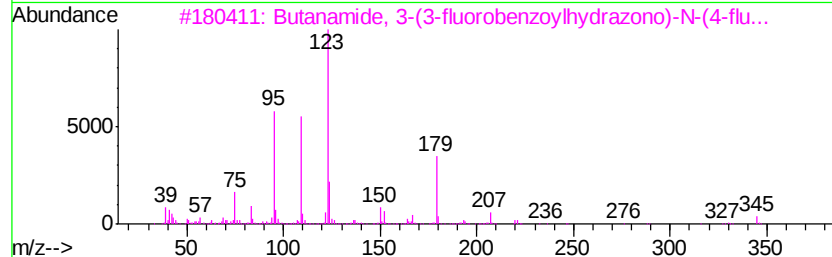
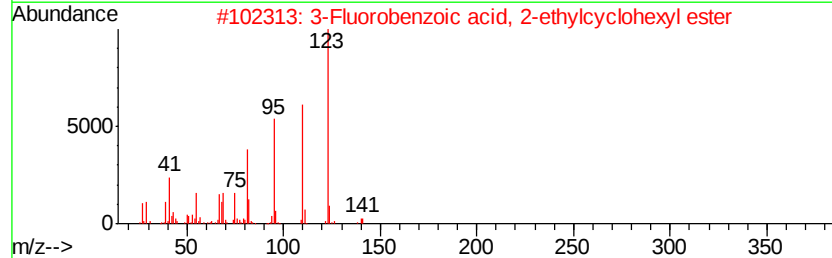
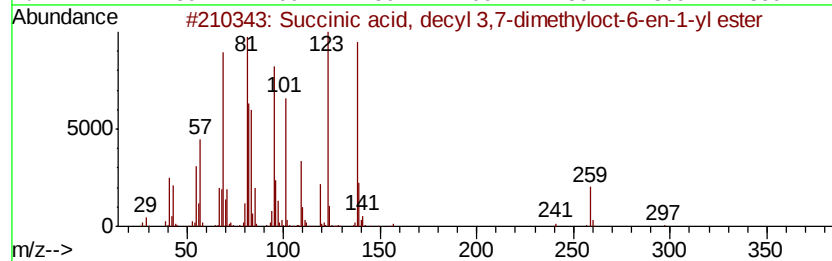
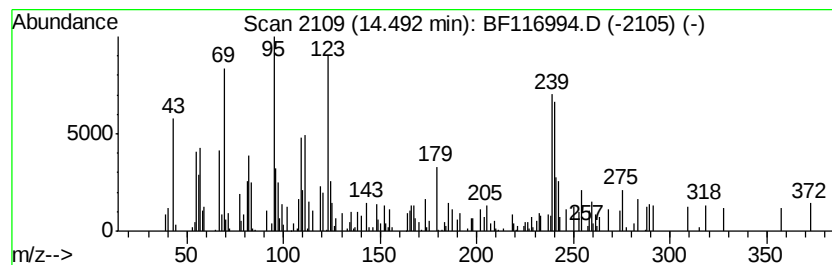
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.49 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.42 ng	73125	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Succinic acid, decyl 3,7-dimethy...	396	C24H44O4	1000353-34-4	47
2		3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	43
3		Butanamide, 3-(3-fluorobenzoyl)hv...	345	C18H17F2N3O2	1000260-11-6	35
4		trans-Cyclohexanecarboxylic acid...	240	C15H28O2	038289-32-6	27
5		Benzamide, 4-fluoro-N-(5-chloro-...	250	C12H8ClFN2O	327991-18-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116994.D
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Operator : HP/JU
Sample : K4852-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

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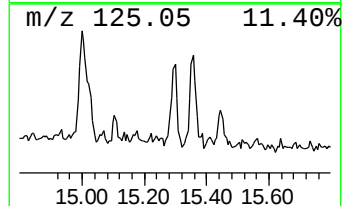
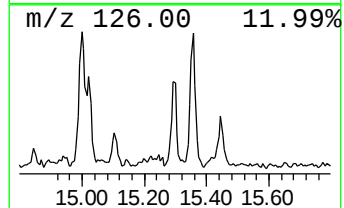
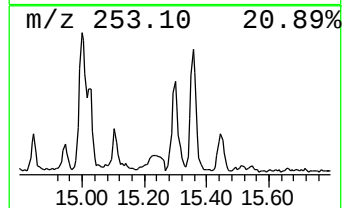
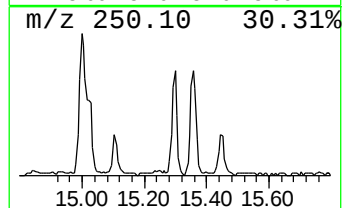
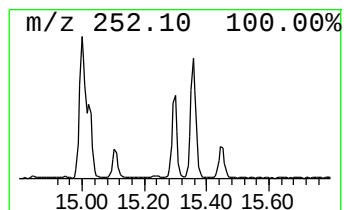
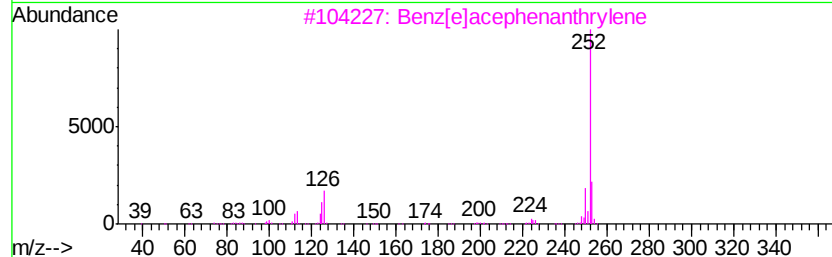
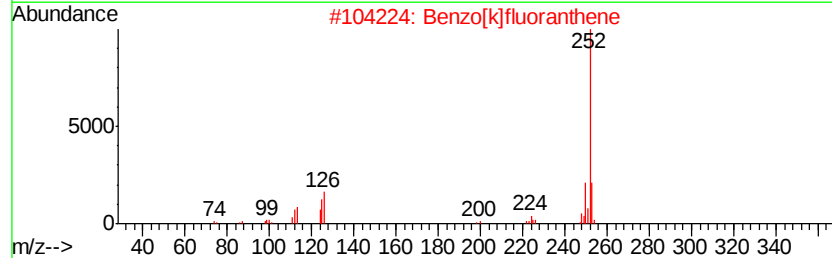
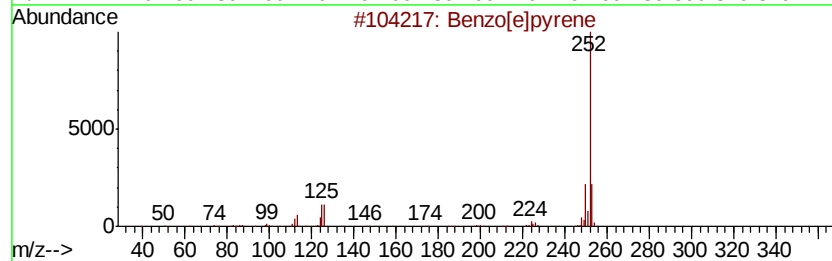
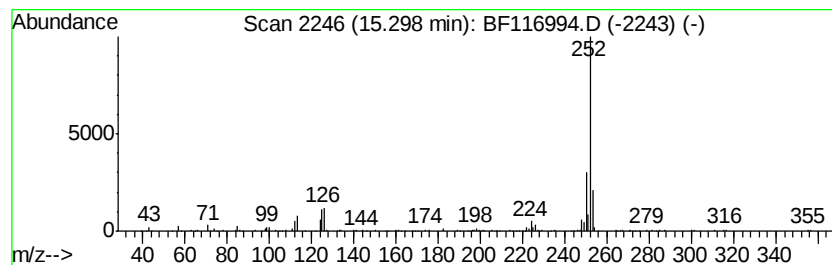
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.23 ng	194784	Perylene-d12	15.42

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116994.D
Acq On : 12 Sep 2019 16:15
Operator : HP/JU
Sample : K4852-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUS-3(0-3.5)

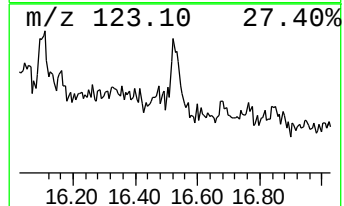
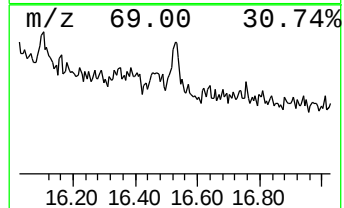
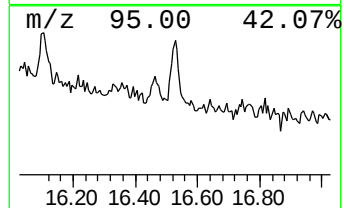
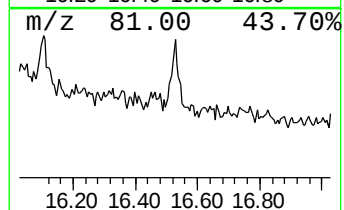
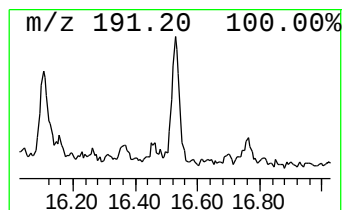
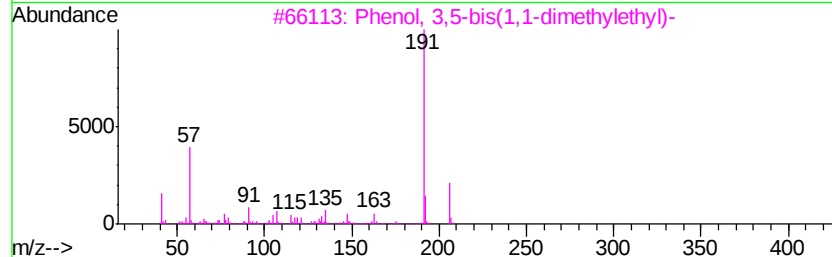
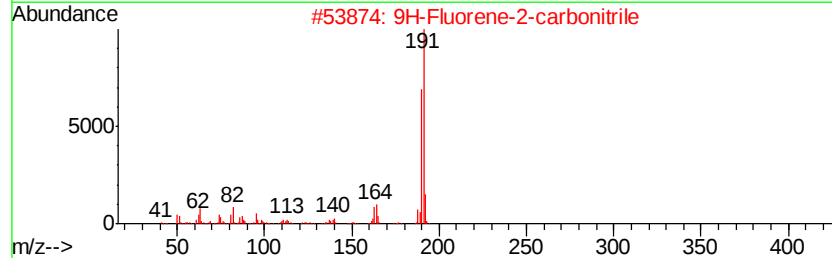
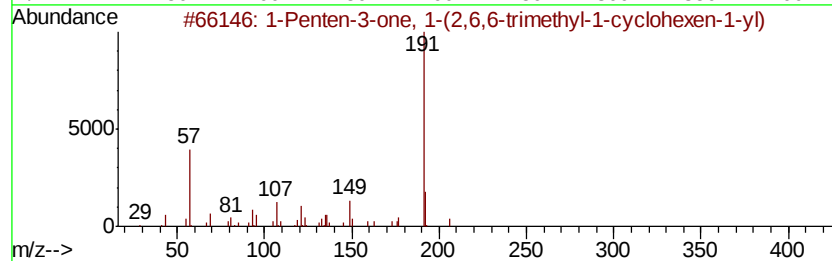
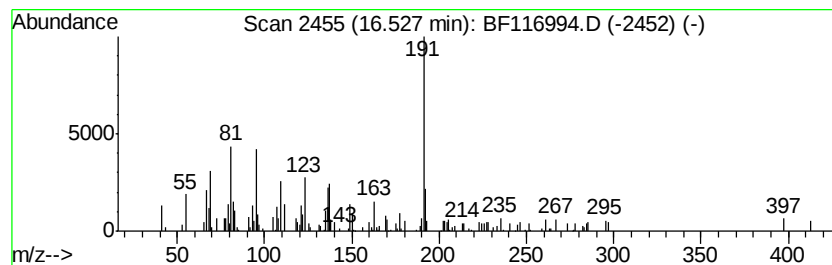
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.71 ng	126852	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
2		9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	35
3		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	27
4		2-Thiazolemethanol, .alpha.-phenyl-	191	C10H9NOS	000879-52-7	27
5		Amiphenazole	191	C9H9N3S	000490-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
 Data File : BF116994.D
 Acq On : 12 Sep 2019 16:15
 Operator : HP/JU
 Sample : K4852-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
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Hexadecane, 2,6,1...	10.77	2.6	ng	55210	4	11.33	429412	20.0
Anthracene, 2-met...	11.86	7.8	ng	168626	4	11.33	429412	20.0
Thiophene-3-carbo...	11.95	2.1	ng	45191	4	11.33	429412	20.0
Octadecanoic acid	12.65	3.3	ng	70595	4	11.33	429412	20.0
11H-Benzo[b]fluorene	13.10	2.5	ng	75625	5	13.97	603484	20.0
unknown14.49	14.49	2.4	ng	73125	5	13.97	603484	20.0
Benzo[e]pyrene	15.30	7.2	ng	194784	6	15.42	539189	20.0
unknown16.53	16.53	4.7	ng	126852	6	15.42	539189	20.0