

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
 Data File : BF107585.D
 Acq On : 23 Jul 2018 13:57
 Operator : JU/SJ
 Sample : J4062-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF072018.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	5.213	484	489	502	rVB	922434	1202552	17.36%	1.745%
2	5.607	552	556	581	rBV	5362652	6455706	93.22%	9.366%
3	6.607	721	726	745	rBV	4783574	6659712	96.16%	9.662%
4	6.748	745	750	773	rVB	6097242	6807131	98.29%	9.876%
5	6.972	785	788	809	rVB	1715471	2010687	29.03%	2.917%
6	7.131	811	815	831	rBV	5082347	5128282	74.05%	7.440%
7	7.536	880	884	908	rBV	3645226	4461327	64.42%	6.473%
8	8.254	1002	1006	1025	rBV	2419170	2613692	37.74%	3.792%
9	9.330	1184	1189	1198	rBV	6834750	6925527	100.00%	10.048%
10	9.719	1252	1255	1264	rVB	289441	288663	4.17%	0.419%
11	10.019	1302	1306	1310	rBV	2601805	2537034	36.63%	3.681%
12	10.424	1369	1375	1379	rBV2	88778	111594	1.61%	0.162%
13	10.813	1436	1441	1454	rBV	3857045	4397258	63.49%	6.380%
14	10.901	1454	1456	1466	rVB3	88158	169496	2.45%	0.246%
15	11.348	1529	1532	1536	rBV	69737	79167	1.14%	0.115%
16	11.513	1556	1560	1562	rBV	2133761	2260197	32.64%	3.279%
17	11.530	1562	1563	1570	rVV	596408	594584	8.59%	0.863%
18	11.589	1570	1573	1577	rVB	159291	183442	2.65%	0.266%
19	12.018	1642	1646	1648	rBV2	383706	414472	5.98%	0.601%
20	12.042	1648	1650	1655	rVV2	181897	288734	4.17%	0.419%
21	12.089	1655	1658	1661	rVV	80008	100147	1.45%	0.145%
22	12.124	1661	1664	1672	rVB2	160602	254099	3.67%	0.369%
23	12.724	1763	1766	1771	rBV	881403	930419	13.43%	1.350%
24	12.960	1799	1806	1812	rBV	813726	1013694	14.64%	1.471%
25	13.095	1825	1829	1838	rVB	5335720	5074764	73.28%	7.363%
26	13.171	1839	1842	1848	rVB4	60948	93806	1.35%	0.136%
27	13.289	1854	1862	1868	rBV3	182293	328551	4.74%	0.477%
28	13.354	1870	1873	1875	rBV	161124	139872	2.02%	0.203%
29	13.389	1875	1879	1882	rVV2	69635	89974	1.30%	0.131%
30	13.971	1975	1978	1982	rBV2	348010	361181	5.22%	0.524%
31	14.160	2005	2010	2013	rBV2	2173492	2499627	36.09%	3.627%
32	14.183	2013	2014	2021	rVB	500380	425964	6.15%	0.618%
33	14.601	2083	2085	2091	rVB3	125826	151672	2.19%	0.220%
34	15.236	2189	2193	2196	rBV	359982	541876	7.82%	0.786%

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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	15.559	2246	2248	2255	rVB	187731	240849	3.48%	0.349%
36	15.630	2256	2260	2266	rVV	292461	441279	6.37%	0.640%
37	15.695	2266	2271	2284	rVB	1532446	2363457	34.13%	3.429%
38	16.153	2346	2349	2355	rVB	207998	283987	4.10%	0.412%

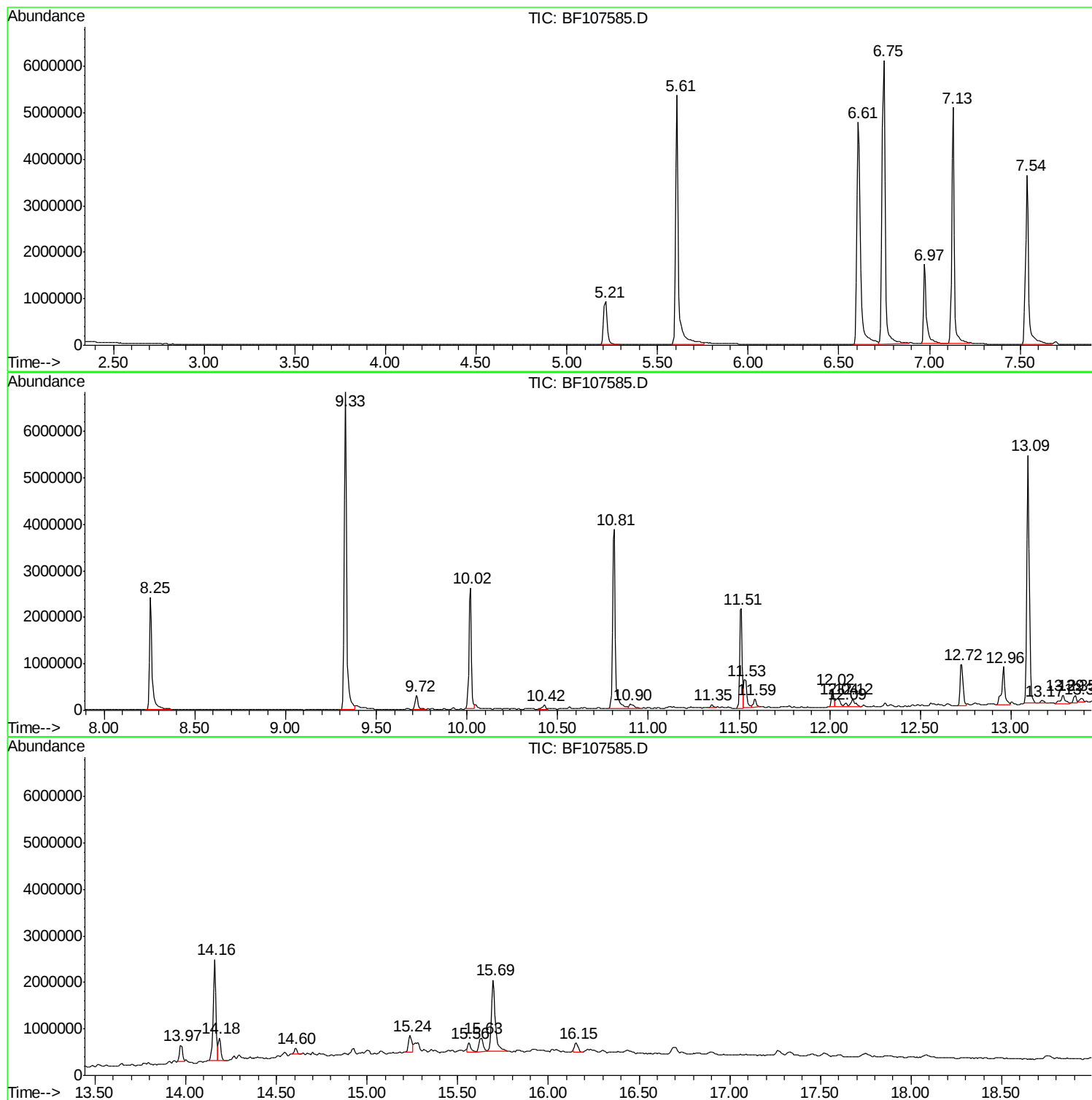
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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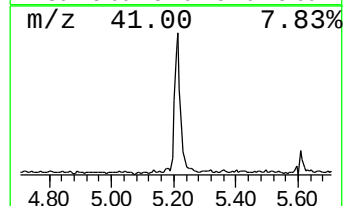
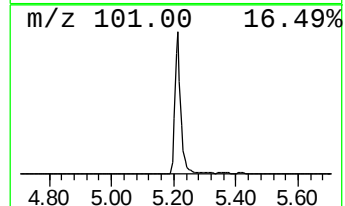
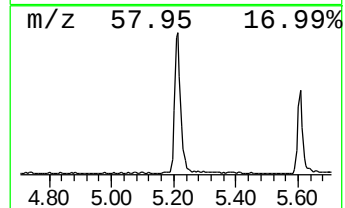
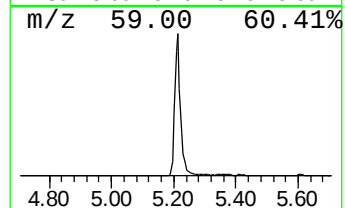
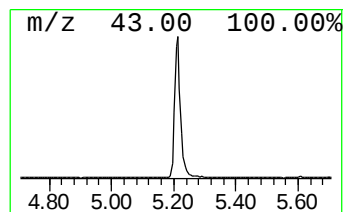
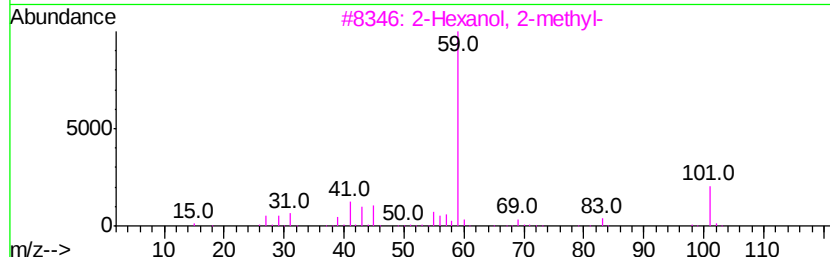
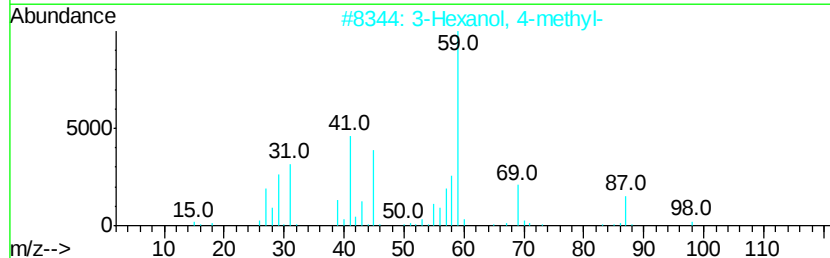
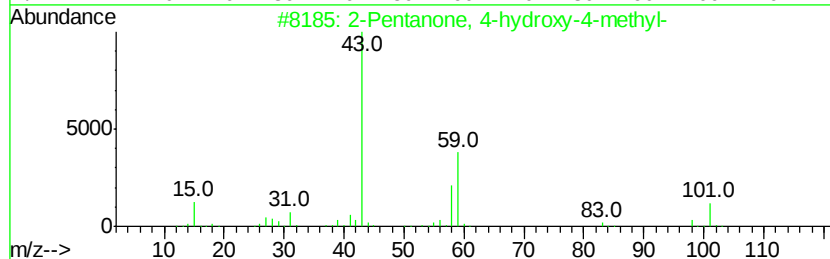
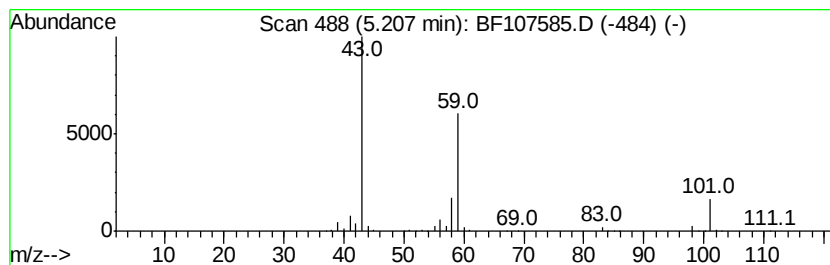
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	11.96 ng	1202550	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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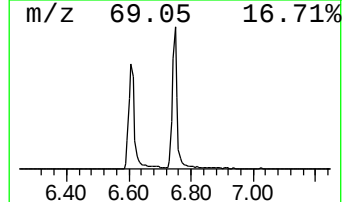
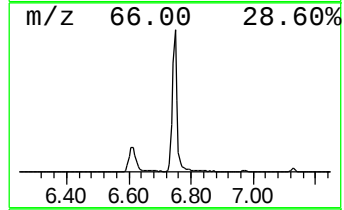
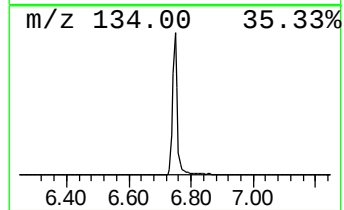
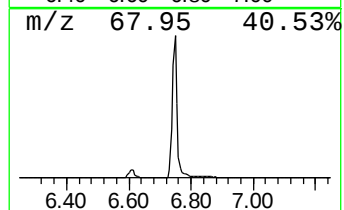
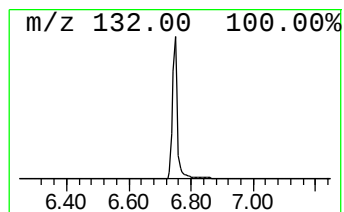
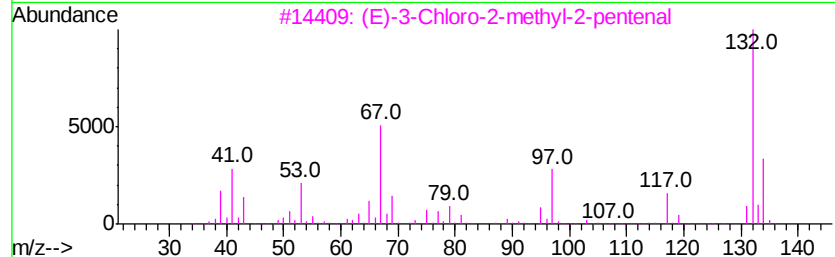
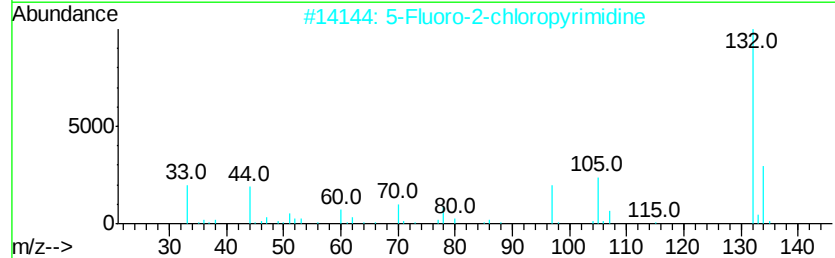
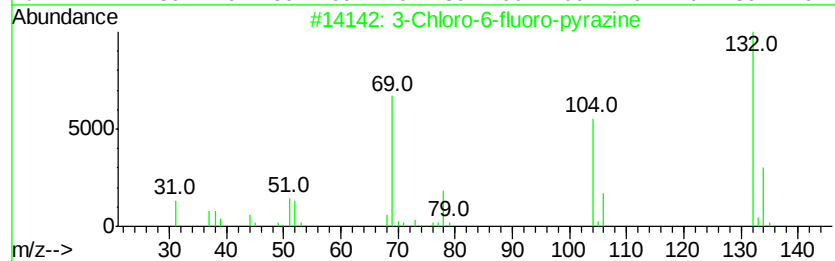
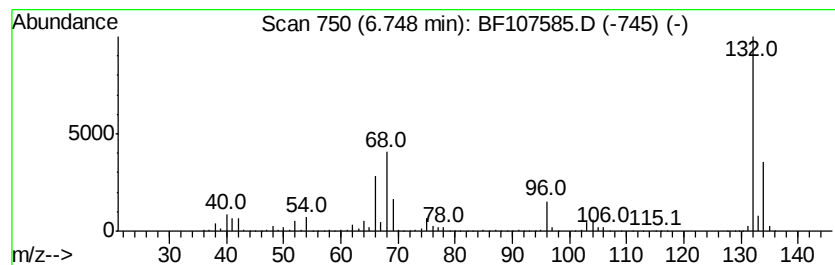
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	67.71 ng	6807130	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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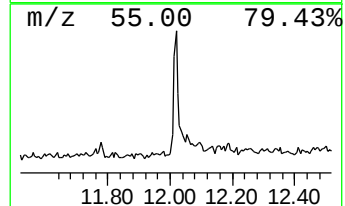
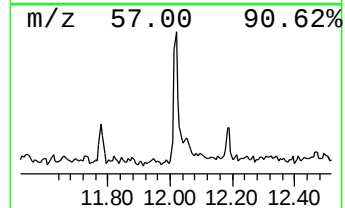
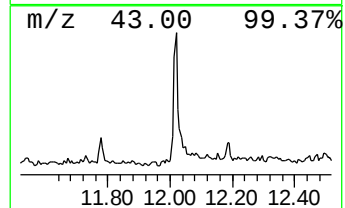
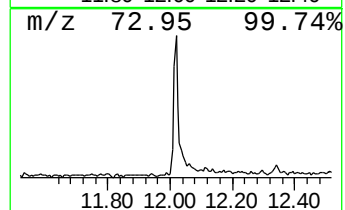
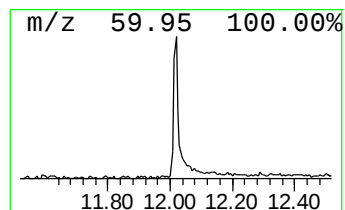
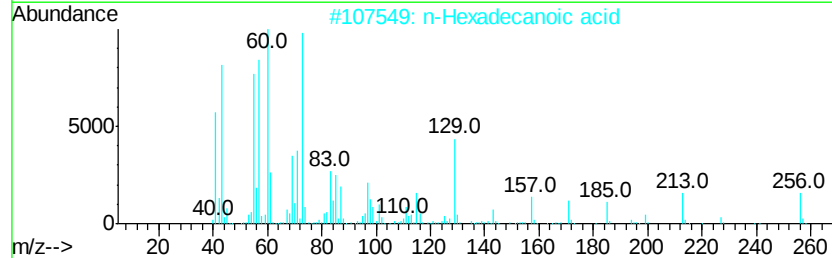
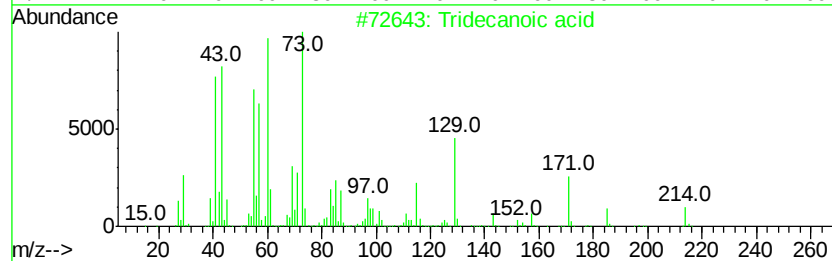
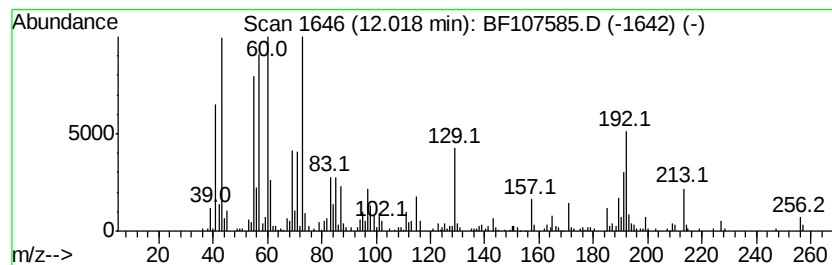
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.67 ng	414472	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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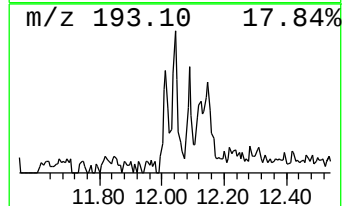
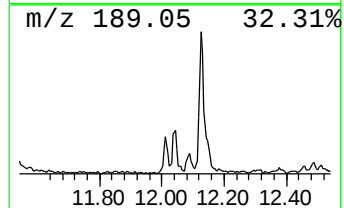
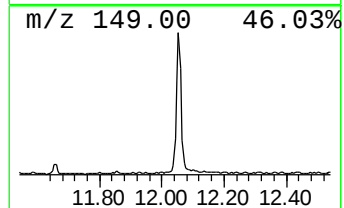
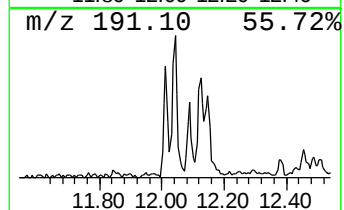
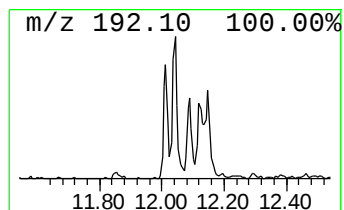
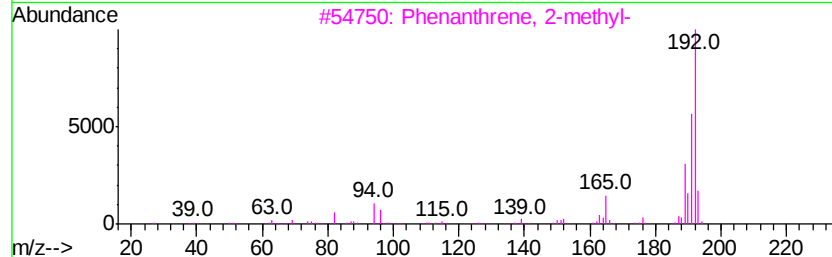
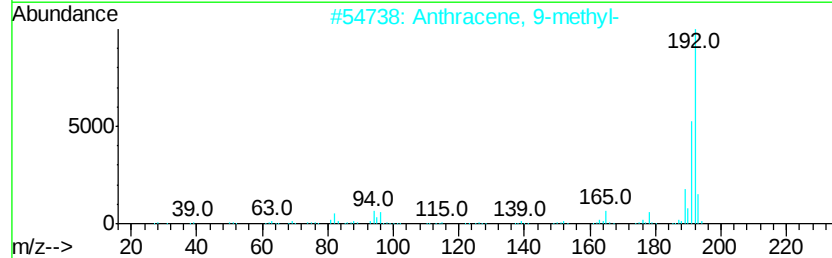
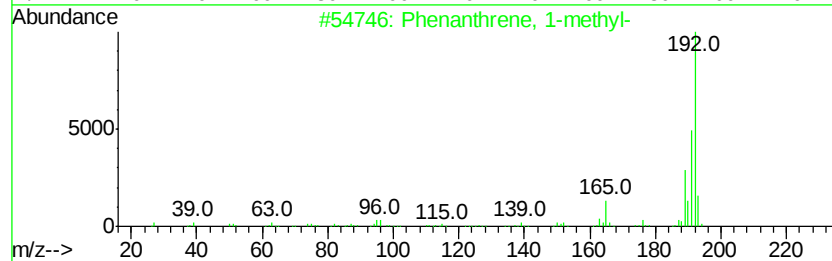
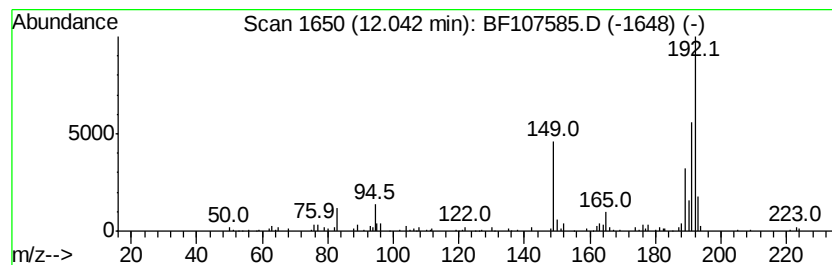
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.55 ng	288734	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



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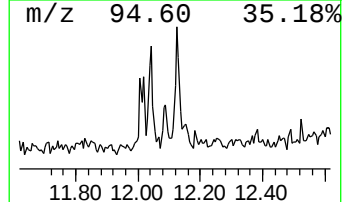
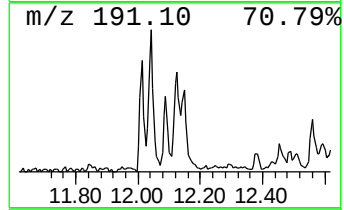
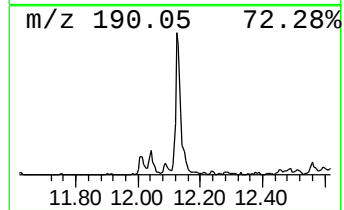
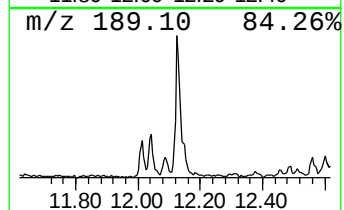
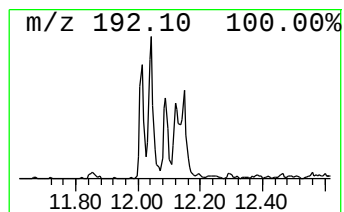
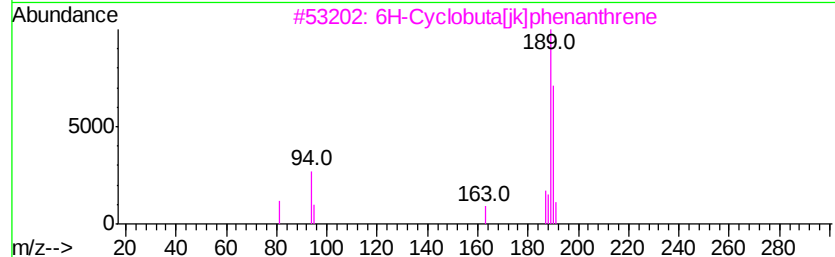
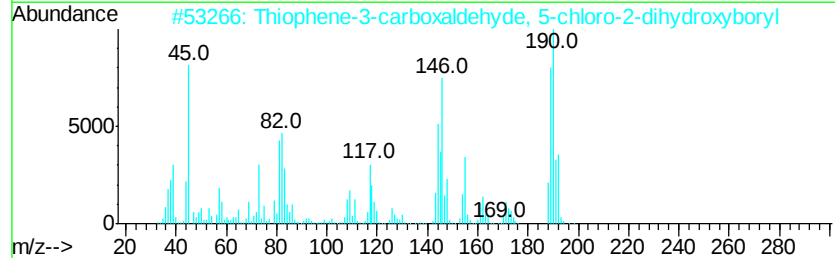
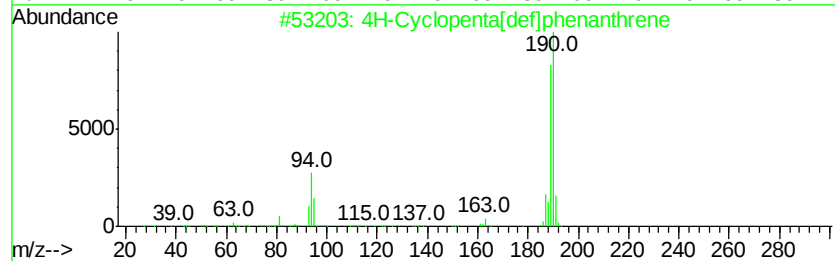
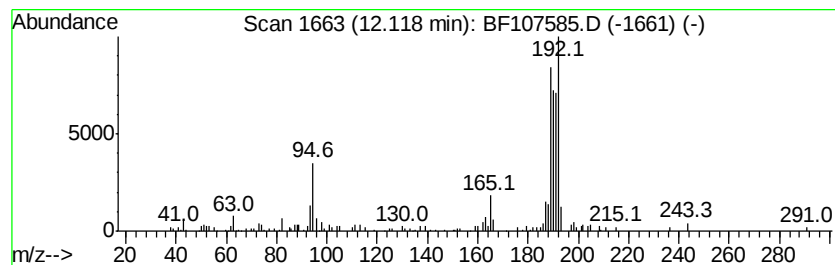
Instrument :
BNA_F
ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.12	2.25 ng	254099	Phenanthrene-d10	11.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90	
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72	
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59	
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42	
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	28	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107585.D
Acq On : 23 Jul 2018 13:57
Operator : JU/SJ
Sample : J4062-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

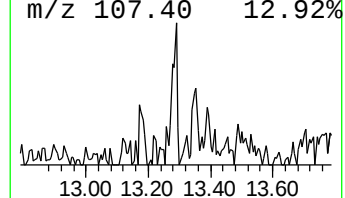
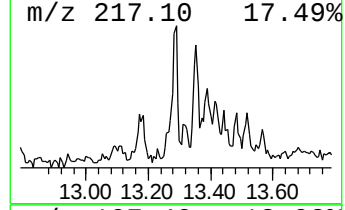
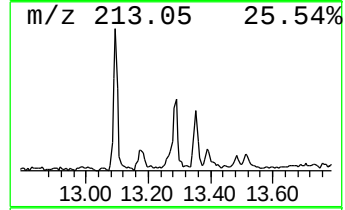
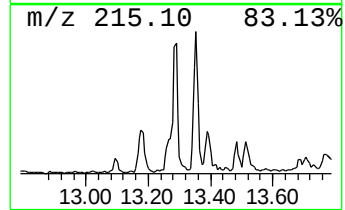
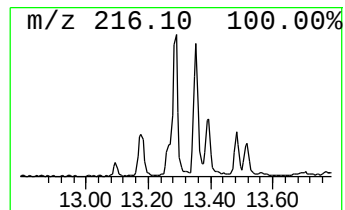
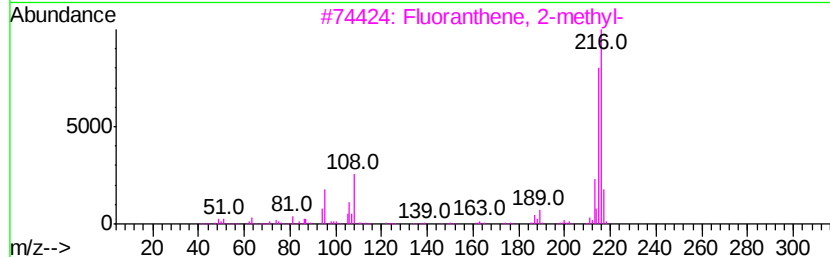
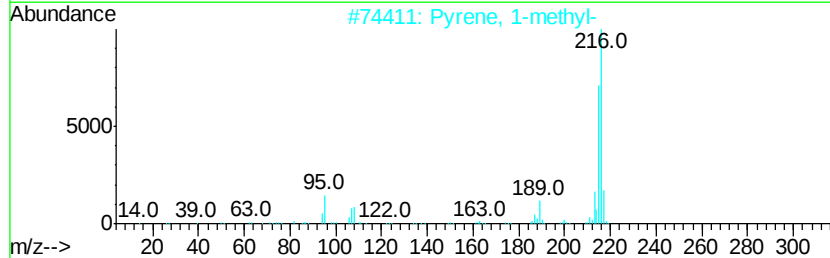
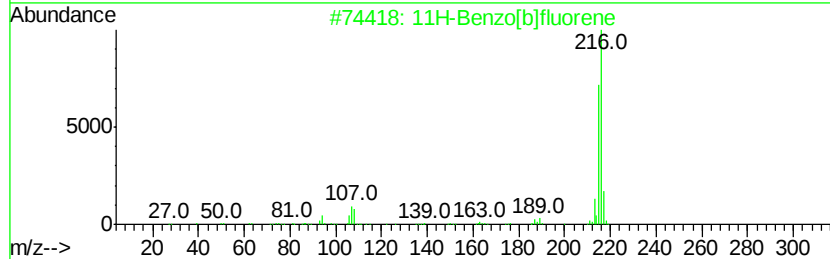
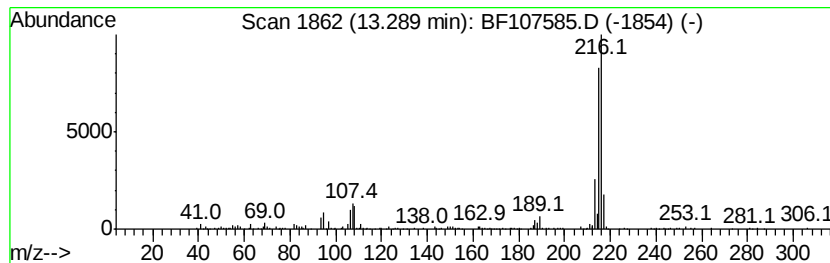
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.63 ng	328551	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	59



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Data File : BF107585.D
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Sample : J4062-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

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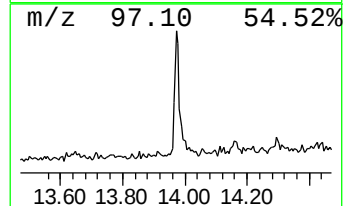
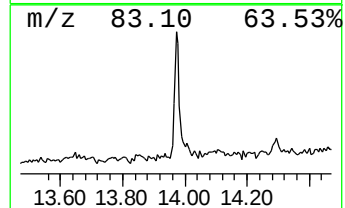
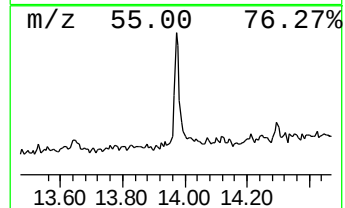
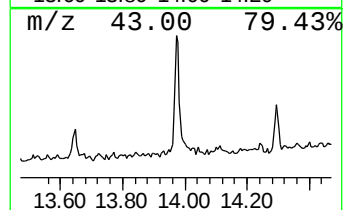
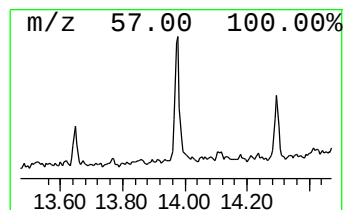
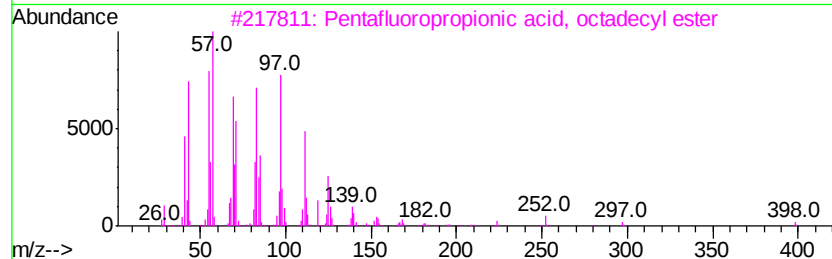
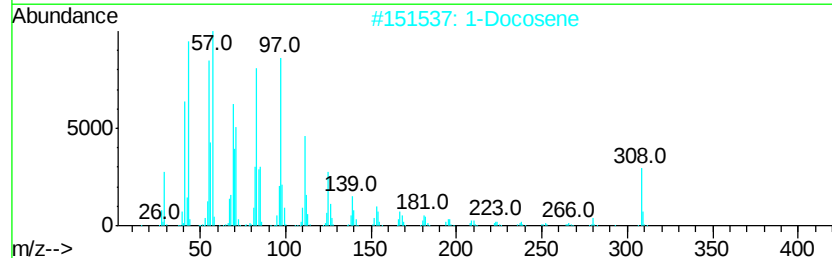
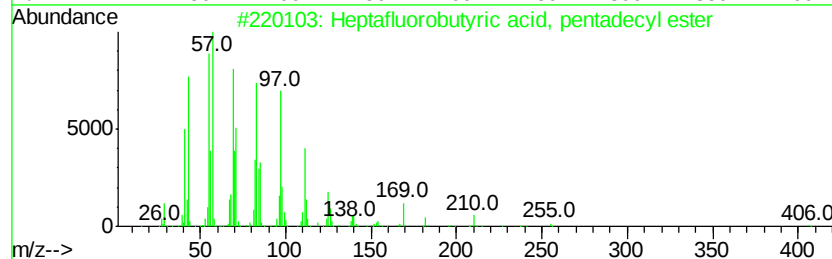
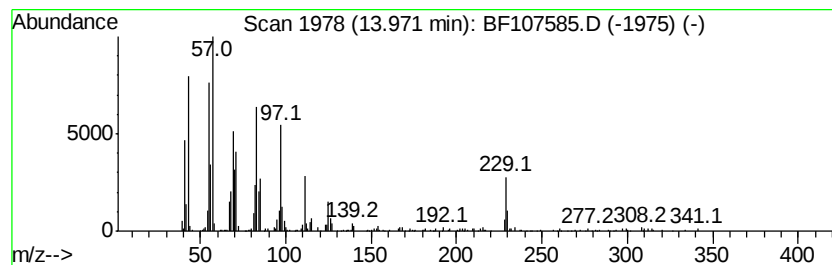
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.89 ng	361181	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2		1-Docosene	308	C22H44	001599-67-3	89
3		Pentafluoropropionic acid, octadec...	416	C21H37F5O2	959261-25-7	87
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
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Sample : J4062-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

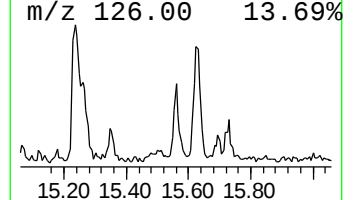
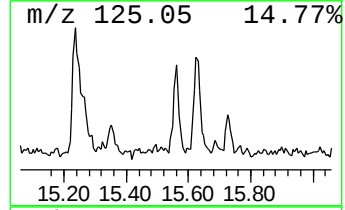
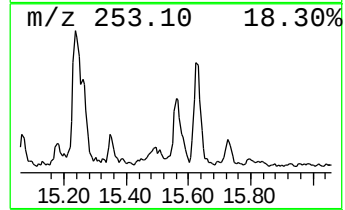
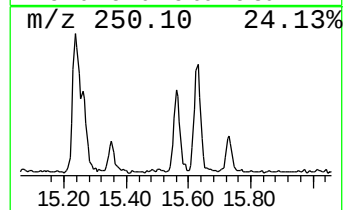
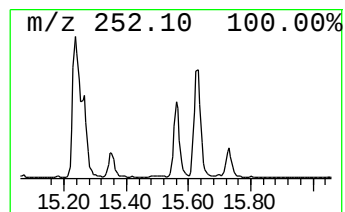
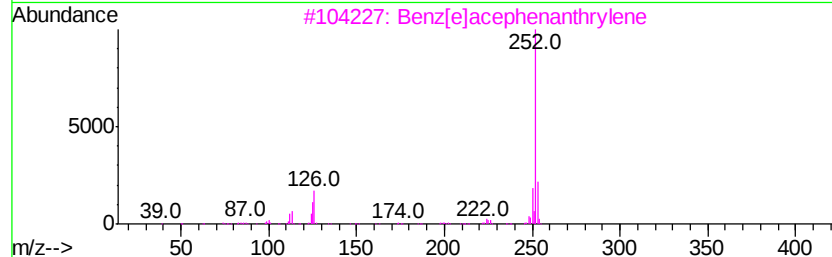
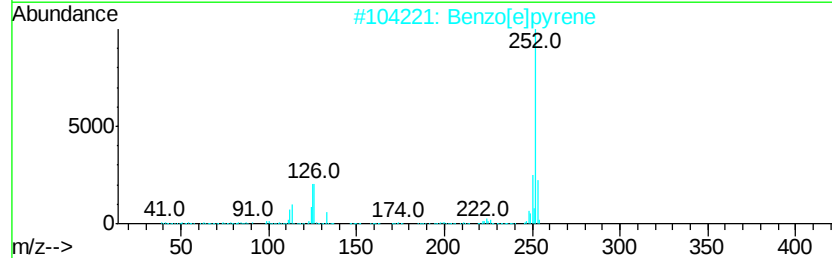
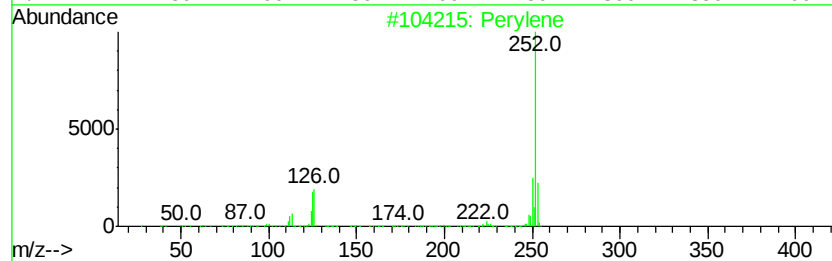
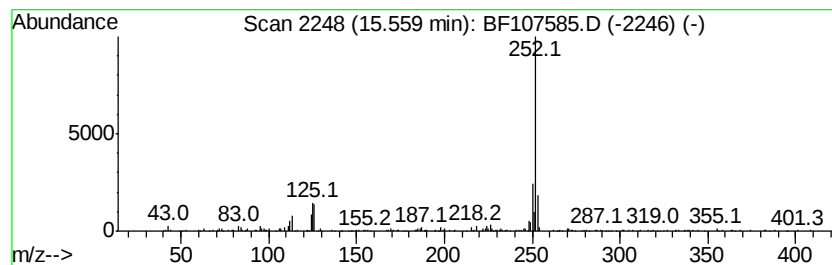
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.04 ng	240849	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	97
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
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Sample : J4062-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

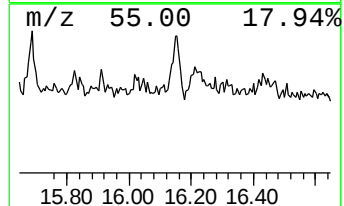
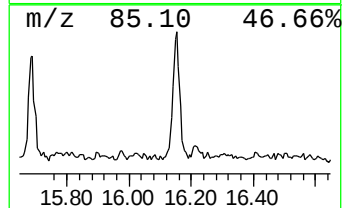
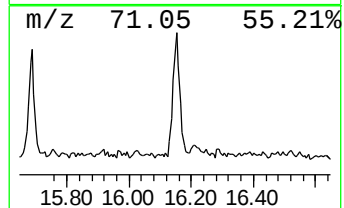
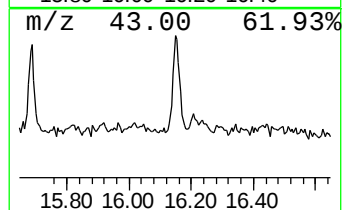
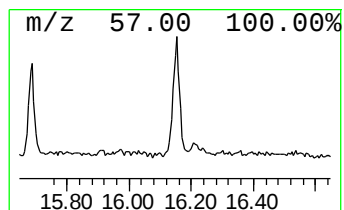
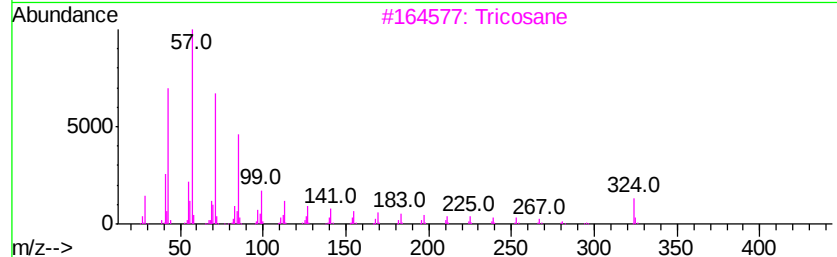
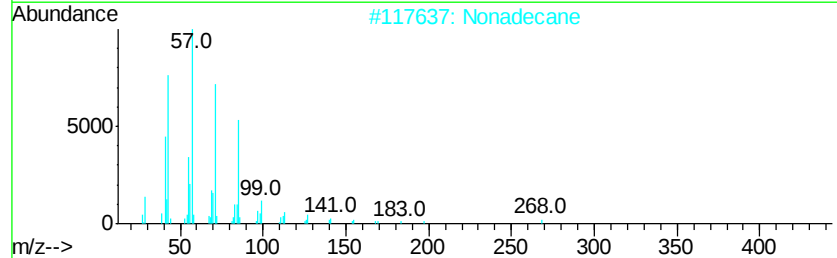
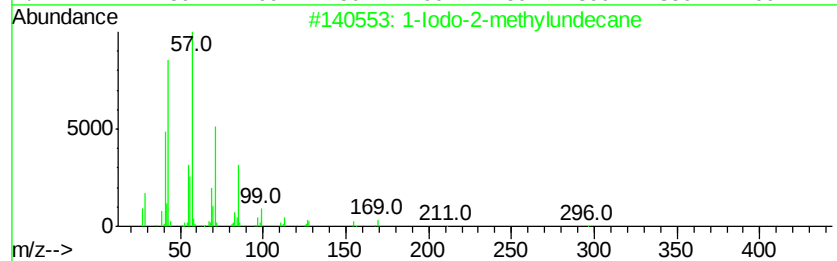
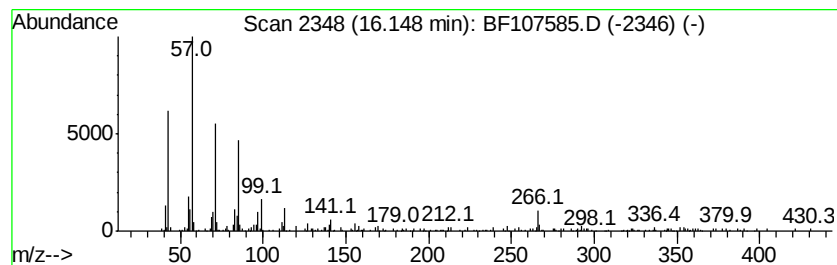
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Iodo-2-methylundecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.40 ng	283987	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
2			Nonadecane	268	C19H40	000629-92-5	87
3			Tricosane	324	C23H48	000638-67-5	87
4			Triacontane	422	C30H62	000638-68-6	80
5			Tetracosane	338	C24H50	000646-31-1	80



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
2-Pentanone, 4-hy...	5.21	12.0	ng	1202550	1	6.97	2010690	20.0
unknown6.75	6.75	67.7	ng	6807130	1	6.97	2010690	20.0
Tridecanoic acid	12.02	3.7	ng	414472	4	11.51	2260200	20.0
Phenanthrene, 1-m...	12.04	2.5	ng	288734	4	11.51	2260200	20.0
4H-Cyclopenta[def...	12.12	2.3	ng	254099	4	11.51	2260200	20.0
11H-Benzo[b]fluorene	13.29	2.6	ng	328551	5	14.16	2499630	20.0
Heptafluorobutyri...	13.97	2.9	ng	361181	5	14.16	2499630	20.0
Perylene	15.56	2.0	ng	240849	6	15.69	2363460	20.0
1-Iodo-2-methylun...	16.15	2.4	ng	283987	6	15.69	2363460	20.0