

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107874.D
 Acq On : 1 Aug 2018 2:21
 Operator : JU/SJ
 Sample : J4231-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

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-BF073018.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	5.196	482	486	503	rBV	351725	440890	14.67%	1.728%
2	5.601	552	555	580	rBV	1476393	2313319	76.95%	9.068%
3	6.601	722	725	745	rBV	1353251	2425443	80.68%	9.507%
4	6.737	745	748	783	rVV	2105914	3006318	100.00%	11.784%
5	6.966	783	787	809	rVV	455226	838769	27.90%	3.288%
6	7.119	809	813	834	rVV	1696034	2021404	67.24%	7.923%
7	7.531	879	883	906	rBV	609223	1371411	45.62%	5.376%
8	7.678	906	908	917	rVB2	29460	49902	1.66%	0.196%
9	8.248	1001	1005	1026	rBV	568408	966621	32.15%	3.789%
10	9.313	1183	1186	1203	rBV	1853445	2454060	81.63%	9.619%
11	9.707	1250	1253	1263	rBV	106955	140954	4.69%	0.553%
12	10.001	1299	1303	1307	rBV	710765	799412	26.59%	3.133%
13	10.036	1307	1309	1318	rVB	151808	180163	5.99%	0.706%
14	10.560	1394	1398	1403	rBV	24723	36327	1.21%	0.142%
15	10.801	1435	1439	1451	rBV	950118	1380809	45.93%	5.412%
16	11.501	1554	1558	1560	rBV	673768	696565	23.17%	2.730%
17	11.525	1560	1562	1569	rVV	298478	440942	14.67%	1.728%
18	11.583	1569	1572	1580	rVB2	45999	95525	3.18%	0.374%
19	12.007	1640	1644	1646	rBV	41633	52213	1.74%	0.205%
20	12.036	1646	1649	1655	rVB2	31481	43723	1.45%	0.171%
21	12.119	1659	1663	1665	rBV2	60333	74676	2.48%	0.293%
22	12.301	1690	1694	1705	rBV	26873	62194	2.07%	0.244%
23	12.554	1734	1737	1745	rBV7	45064	95304	3.17%	0.374%
24	12.719	1761	1765	1774	rBV	207030	283996	9.45%	1.113%
25	12.819	1778	1782	1788	rVV	45426	69354	2.31%	0.272%
26	12.948	1801	1804	1813	rVB	259515	329225	10.95%	1.290%
27	13.083	1823	1827	1838	rBV	2186142	2494331	82.97%	9.777%
28	13.283	1858	1861	1864	rVB2	44556	48023	1.60%	0.188%
29	13.630	1917	1920	1922	rBV	60793	56455	1.88%	0.221%
30	13.960	1973	1976	1982	rBV	198396	234244	7.79%	0.918%
31	14.095	1997	1999	2003	rBV	100025	96304	3.20%	0.377%
32	14.154	2005	2009	2020	rBV	791473	1167247	38.83%	4.575%
33	14.271	2027	2029	2033	rVB	75804	68913	2.29%	0.270%
34	14.583	2079	2082	2086	rVB	86313	85089	2.83%	0.334%

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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	15.689	2266	2270	2282	rVB	320417	591753	19.68%	2.320%
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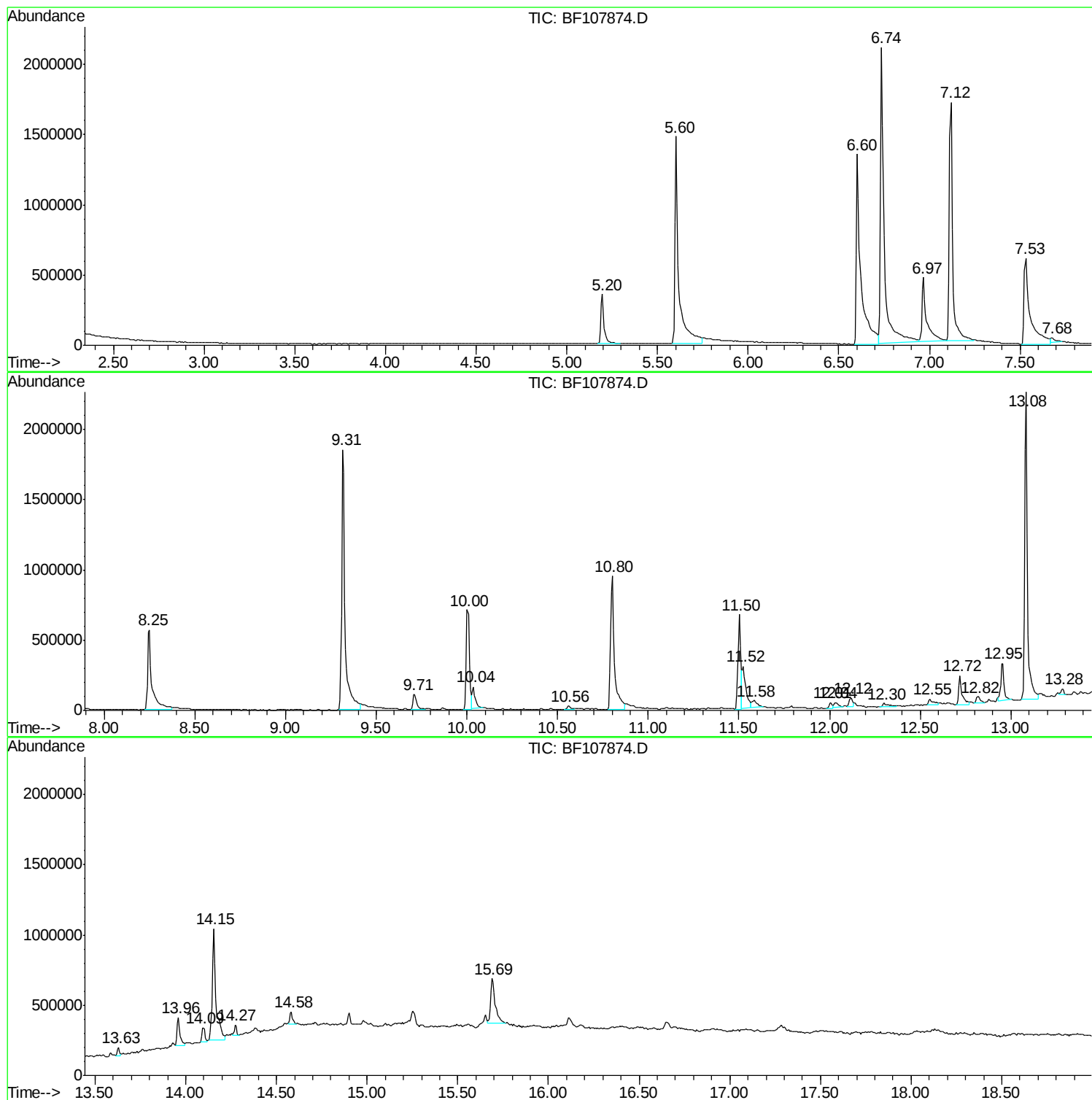
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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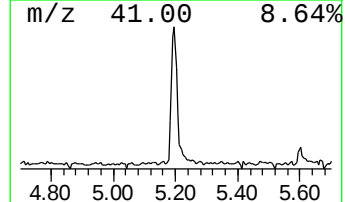
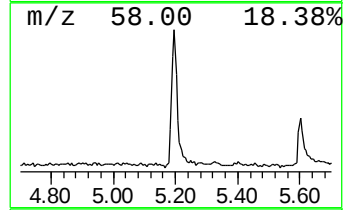
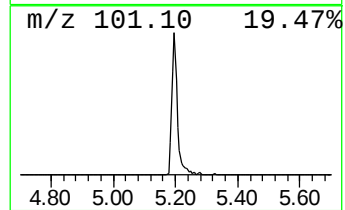
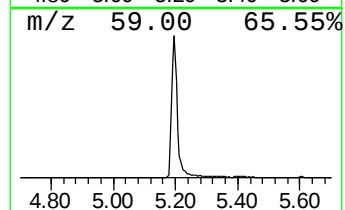
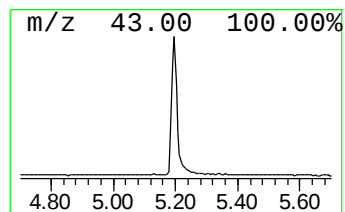
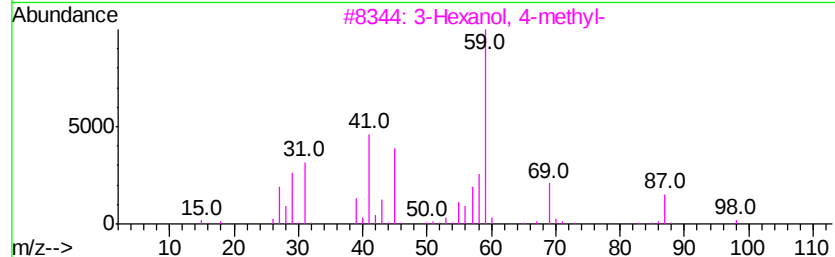
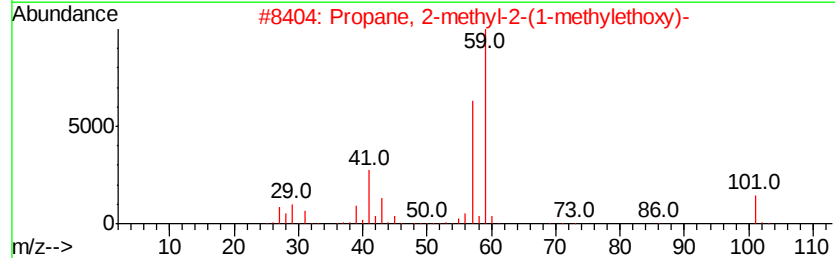
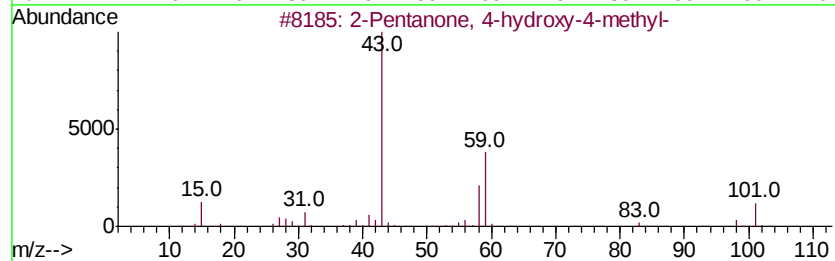
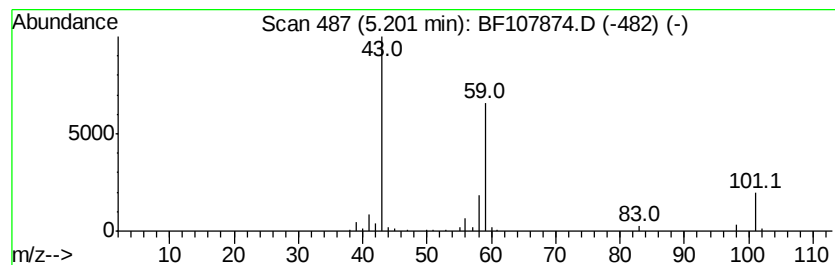
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.		
5.20	10.51 ng	440890	1,4-Dichlorobenzene-d4	6.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	



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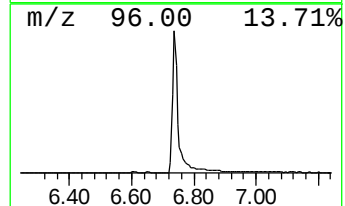
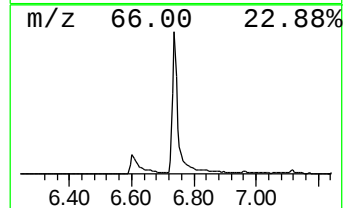
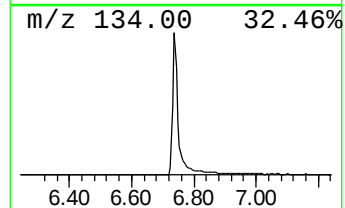
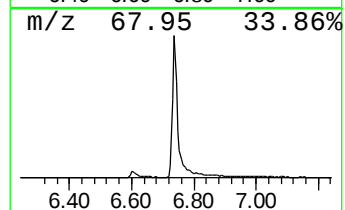
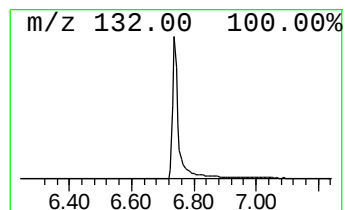
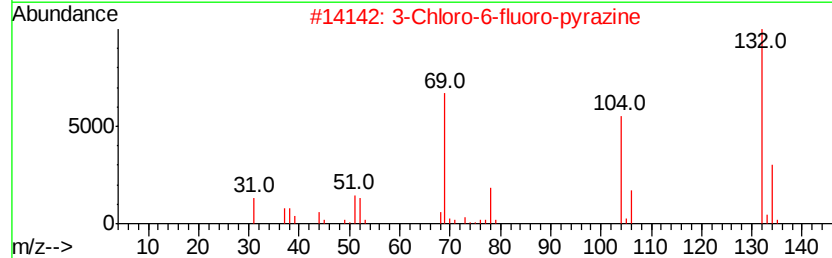
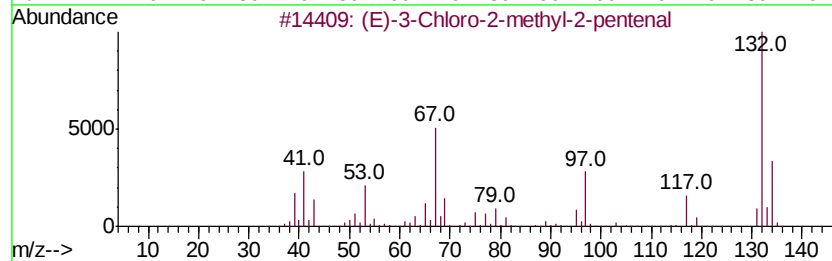
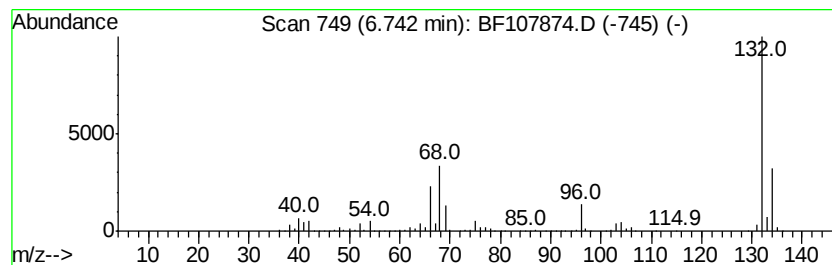
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	71.68 ng	3006320	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-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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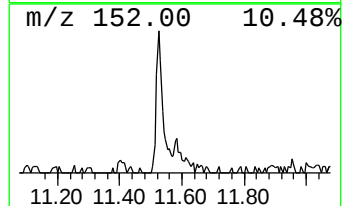
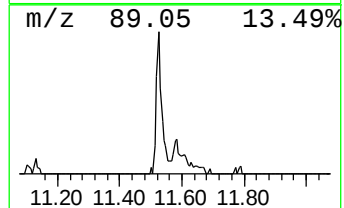
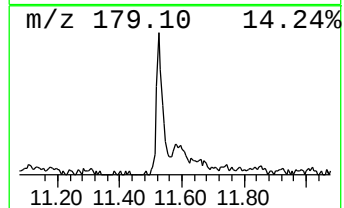
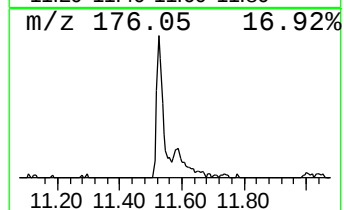
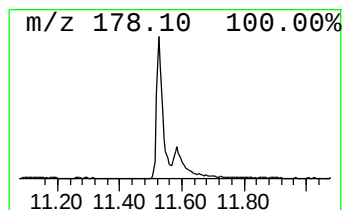
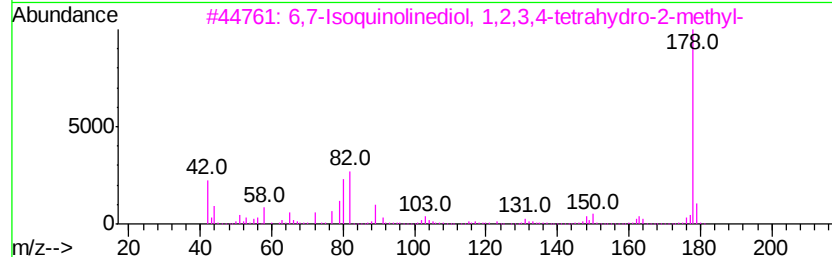
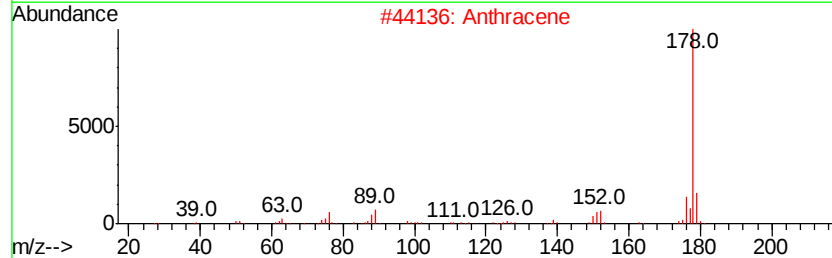
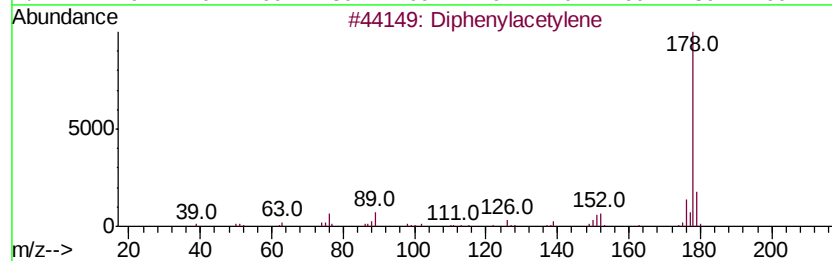
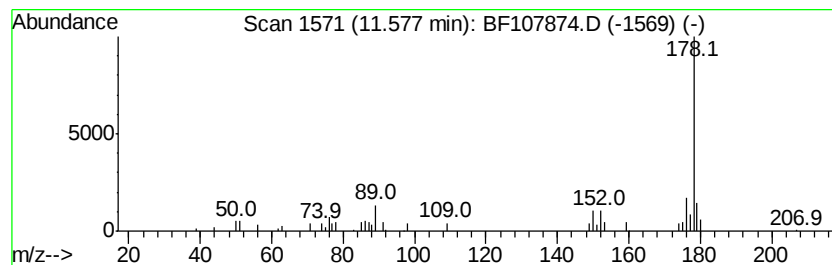
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Diphenylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.74 ng	95525	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenylacetylene	178	C14H10	000501-65-5	68
2		Anthracene	178	C14H10	000120-12-7	64
3		6,7-Isoquinolinediol, 1,2,3,4-te...	179	C10H13NO2	037491-98-8	59
4		7,8-Diphenylbicyclo[4.2.1]nona-2...	270	C21H18	054049-09-1	56
5		Phenanthrene	178	C14H10	000085-01-8	53



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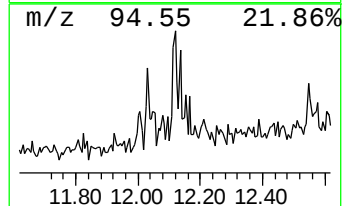
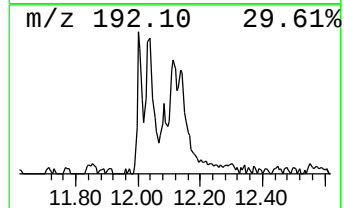
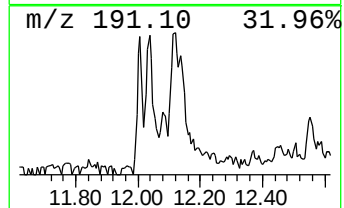
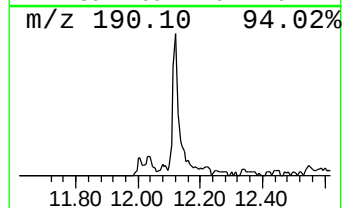
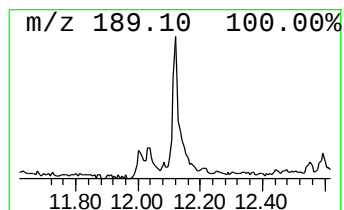
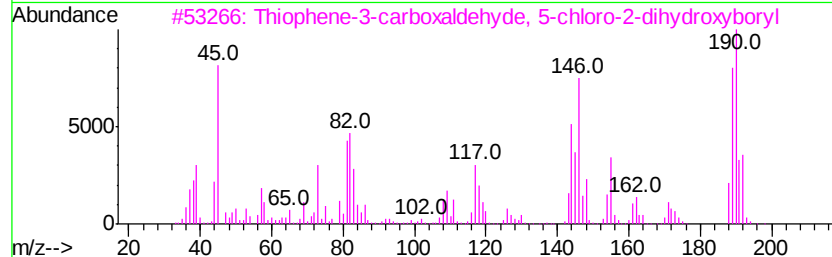
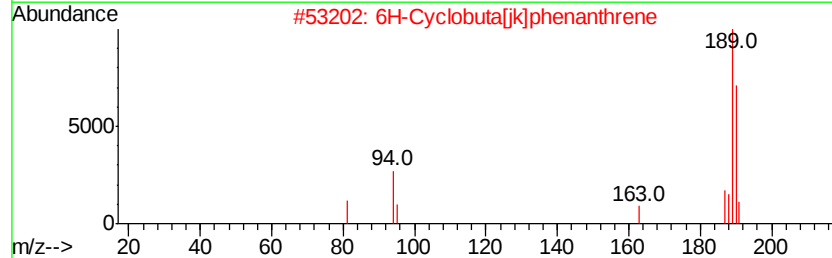
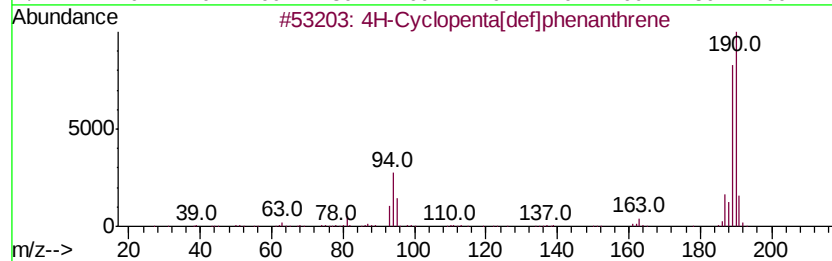
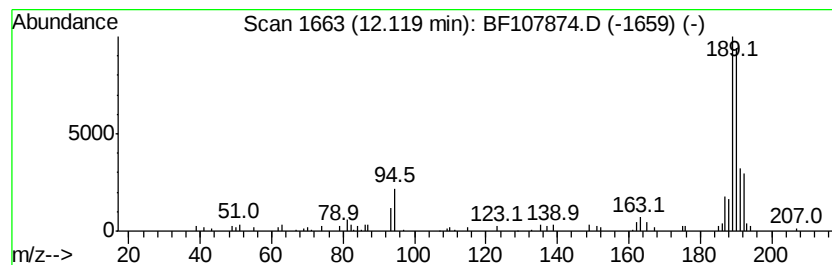
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.12	2.14 ng	74676	Phenanthrene-d10		11.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	52
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45



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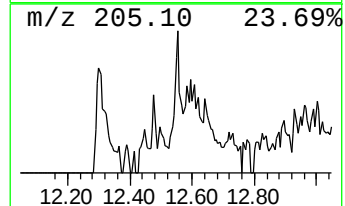
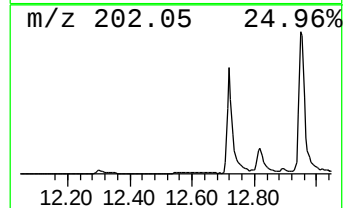
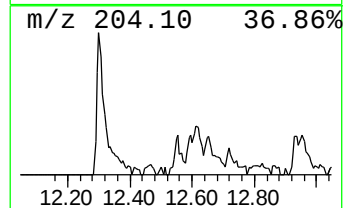
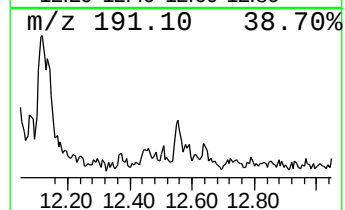
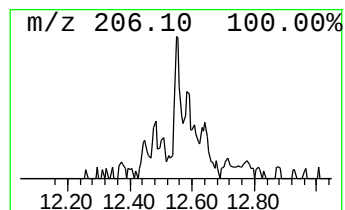
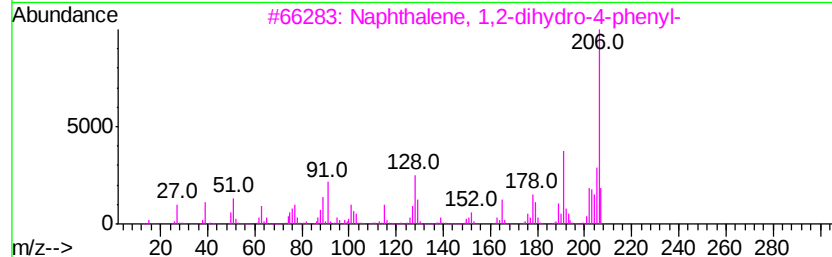
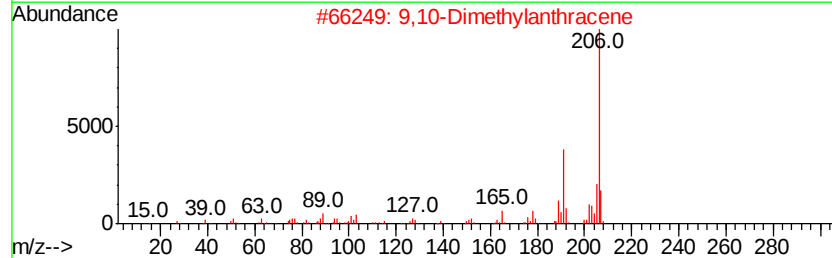
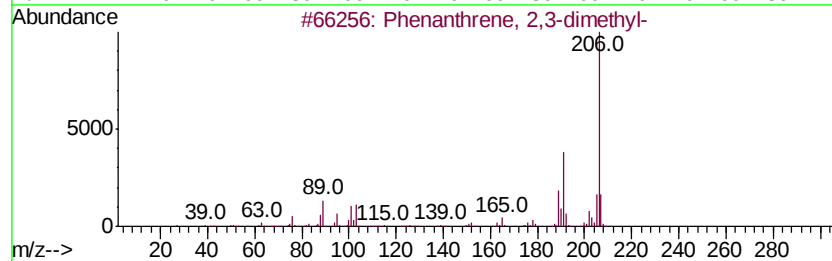
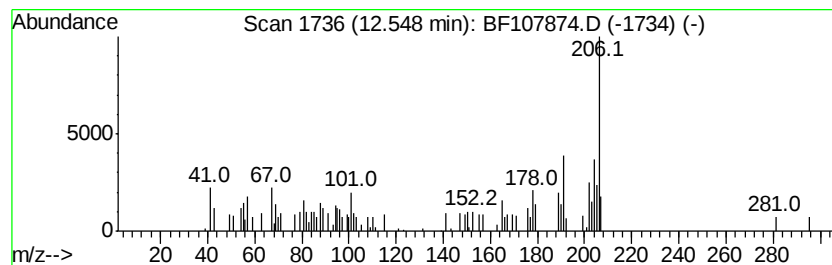
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.74 ng	95304	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
4		Benzene, 1,1'-(1-cyclobutene-1,2...	206	C16H14	003306-02-3	78
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107874.D
Acq On : 1 Aug 2018 2:21
Operator : JU/SJ
Sample : J4231-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

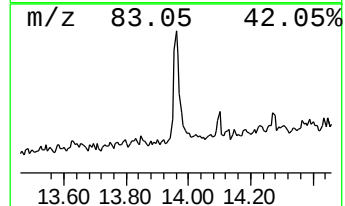
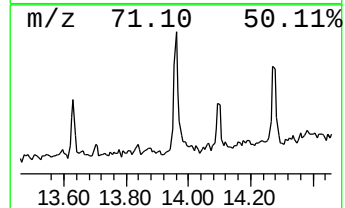
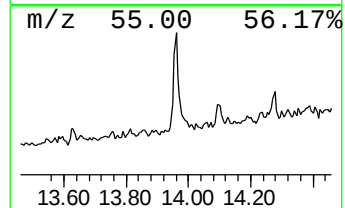
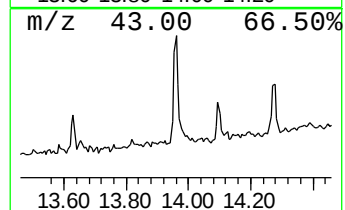
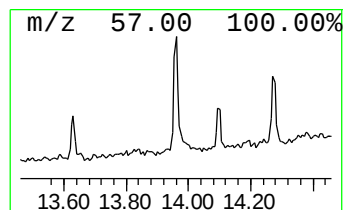
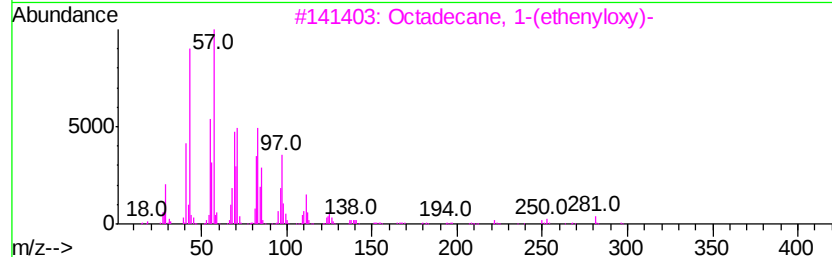
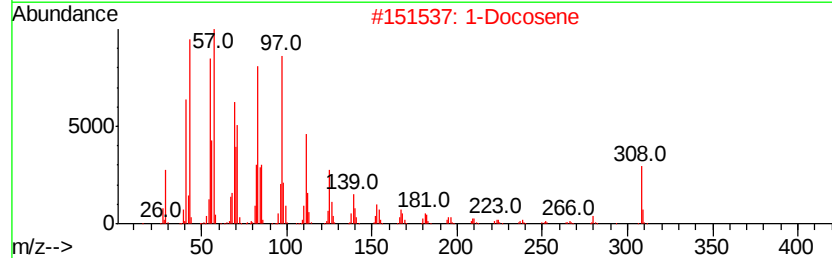
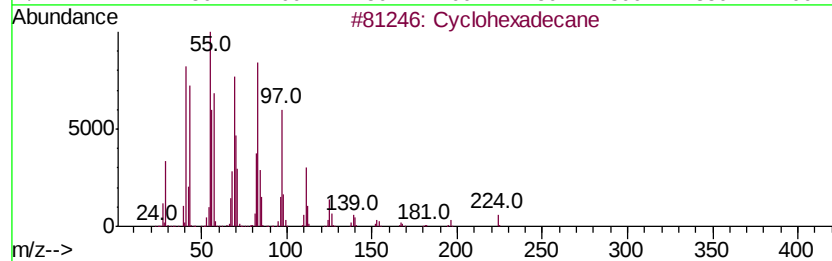
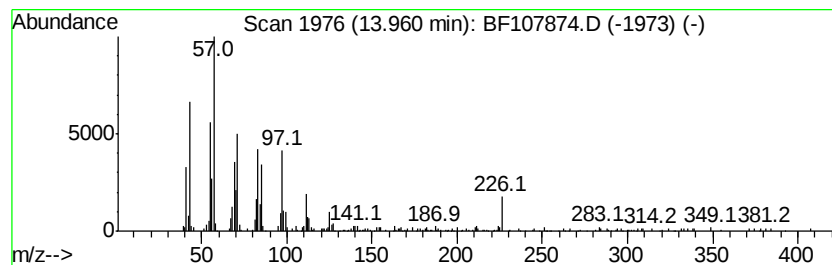
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.01 ng	234244	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 95
2		1-Docosene	308 C22H44	001599-67-3 93
3		Octadecane, 1-(ethenvloxy)-	296 C20H40O	000930-02-9 93
4		Octacosyl trifluoroacetate	506 C30H57F3O2	1000351-74-9 90
5		Hexacosyl trifluoroacetate	478 C28H53F3O2	1000351-75-0 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107874.D
Acq On : 1 Aug 2018 2:21
Operator : JU/SJ
Sample : J4231-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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...	5.20	10.5	ng	440890	1	6.97	838769	20.0
unknown6.74	6.74	71.7	ng	3006320	1	6.97	838769	20.0
Diphenylacetylene	11.58	2.7	ng	95525	4	11.50	696565	20.0
4H-Cyclopenta[def...	12.12	2.1	ng	74676	4	11.50	696565	20.0
Phenanthrene, 2,3...	12.55	2.7	ng	95304	4	11.50	696565	20.0
Cyclohexadecane	13.96	4.0	ng	234244	5	14.15	1167250	20.0