

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111646.D
 Acq On : 20 Dec 2018 18:42
 Operator : JU/SJ
 Sample : J6346-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-10

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-BF121918.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	2.222	19	23	35	rVB2	54559	93919	2.32%	0.254%
2	5.116	511	515	521	rBV	152628	176806	4.36%	0.478%
3	5.516	578	583	587	rBV	3400213	3290258	81.23%	8.895%
4	6.522	748	754	758	rBV	3605672	3735187	92.21%	10.098%
5	6.663	774	778	782	rBV	3715298	3497366	86.34%	9.455%
6	6.892	814	817	821	rBV	1347059	1157624	28.58%	3.130%
7	7.051	840	844	848	rBV	3236205	2755969	68.04%	7.451%
8	7.451	907	912	915	rBV	2524673	2191236	54.09%	5.924%
9	8.175	1031	1035	1039	rBV	1806014	1468561	36.25%	3.970%
10	9.251	1213	1218	1221	rBV	4868353	4050740	100.00%	10.951%
11	9.639	1280	1284	1287	rBV	312508	237308	5.86%	0.642%
12	9.928	1329	1333	1337	rVB	1725494	1598022	39.45%	4.320%
13	10.716	1462	1467	1470	rBV	2523006	2193163	54.14%	5.929%
14	11.416	1582	1586	1588	rBV	1554897	1483477	36.62%	4.011%
15	11.433	1588	1589	1593	rVB	259745	177855	4.39%	0.481%
16	11.939	1672	1675	1679	rBV	366906	298007	7.36%	0.806%
17	12.027	1686	1690	1692	rBV2	68931	68692	1.70%	0.186%
18	12.622	1787	1791	1794	rBV	740971	614787	15.18%	1.662%
19	12.669	1796	1799	1804	rVB2	174490	142212	3.51%	0.384%
20	12.722	1805	1808	1811	rBV	97046	91718	2.26%	0.248%
21	12.851	1824	1830	1836	rBV	515722	516026	12.74%	1.395%
22	12.998	1850	1855	1858	rVB	3073972	2930712	72.35%	7.923%
23	13.180	1883	1886	1888	rVB	72811	63197	1.56%	0.171%
24	13.245	1894	1897	1899	rBV	68847	54580	1.35%	0.148%
25	13.680	1968	1971	1976	rBV2	30227	47585	1.17%	0.129%
26	13.886	2003	2006	2013	rVB2	169847	182466	4.50%	0.493%
27	14.045	2028	2033	2036	rBV	1382931	1481534	36.57%	4.005%
28	14.069	2036	2037	2043	rVB	272157	225823	5.57%	0.611%
29	14.468	2102	2105	2108	rVB3	49208	50946	1.26%	0.138%
30	14.980	2190	2192	2198	rVB6	51486	51862	1.28%	0.140%
31	15.086	2207	2210	2214	rBV	239794	376475	9.29%	1.018%
32	15.392	2259	2262	2268	rVB	156496	189596	4.68%	0.513%
33	15.457	2269	2273	2278	rVB	173363	215199	5.31%	0.582%
34	15.521	2279	2284	2288	rBV	921170	1135217	28.02%	3.069%

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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 >
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35	16.992	2530	2534	2543	rVB2	79252	144259	3.56%	0.390%
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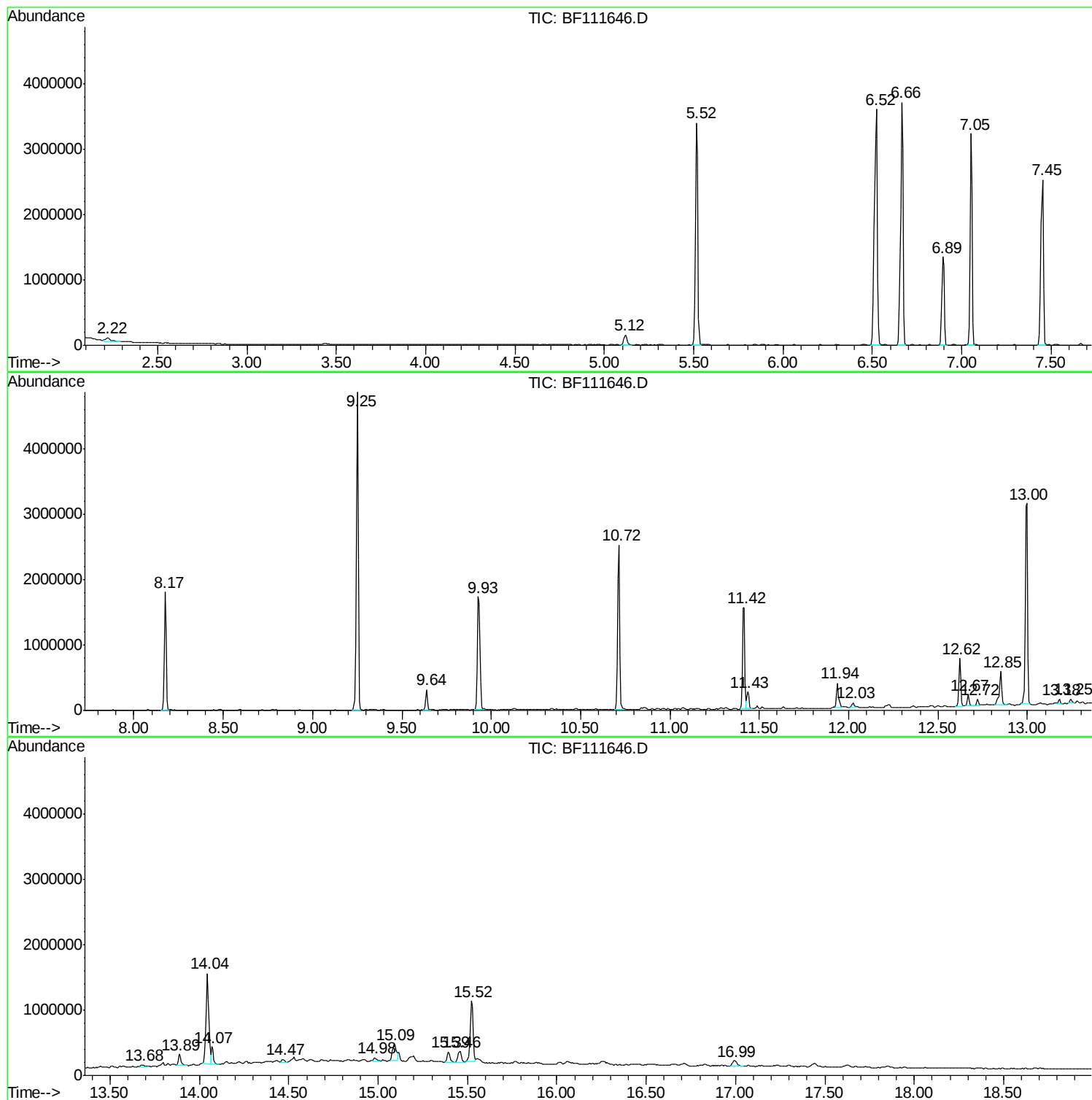
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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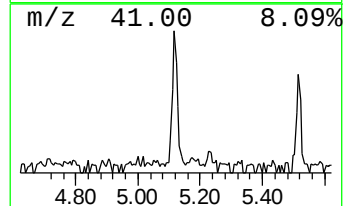
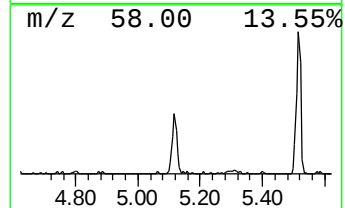
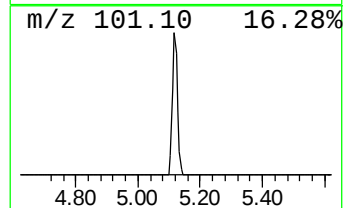
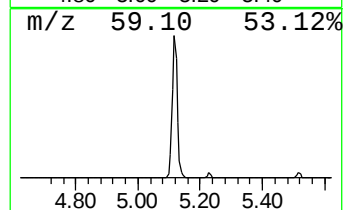
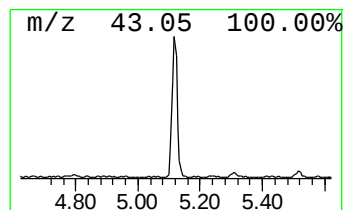
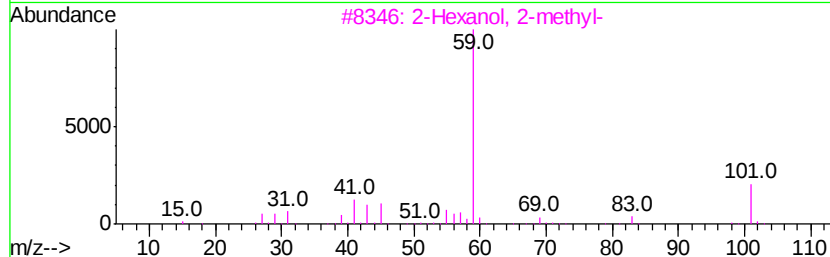
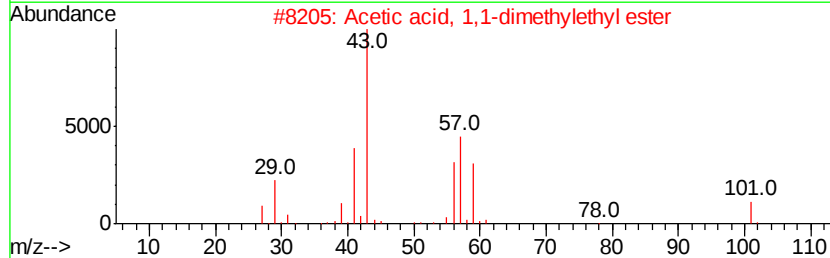
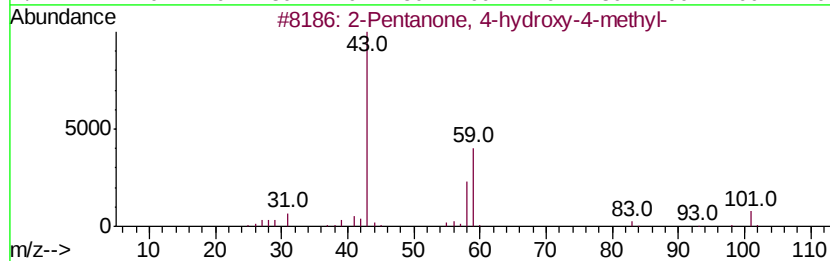
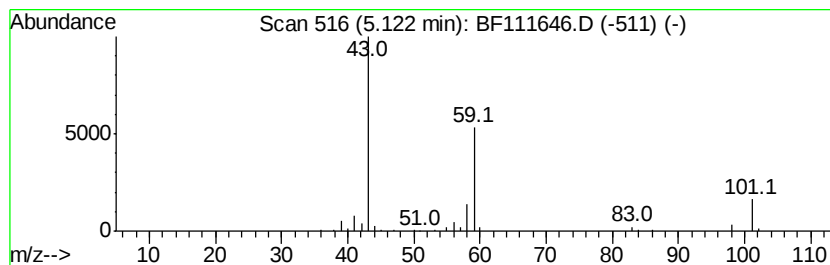
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.05 ng	176806	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10



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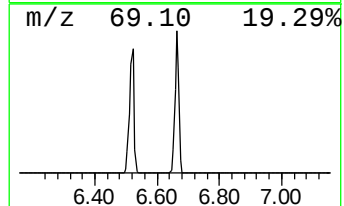
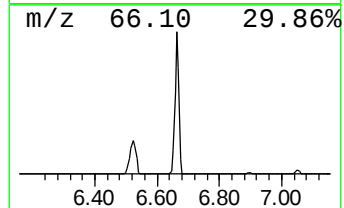
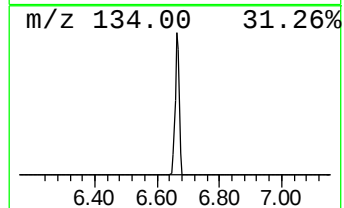
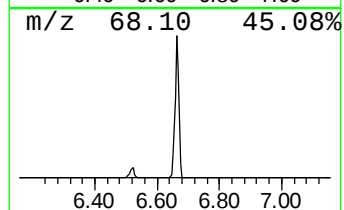
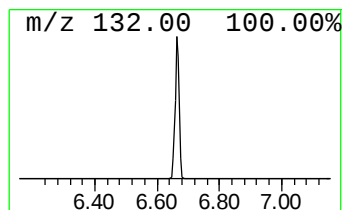
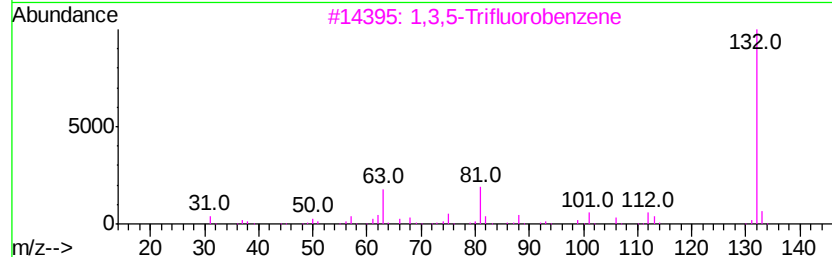
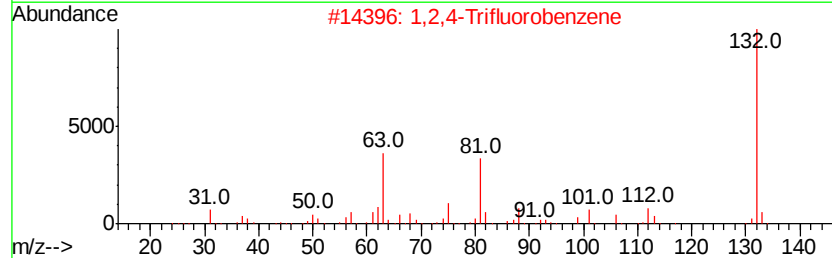
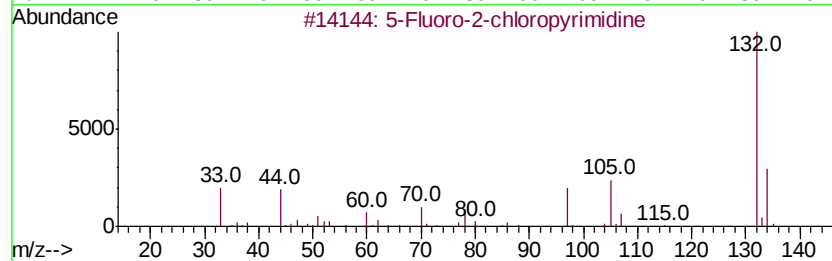
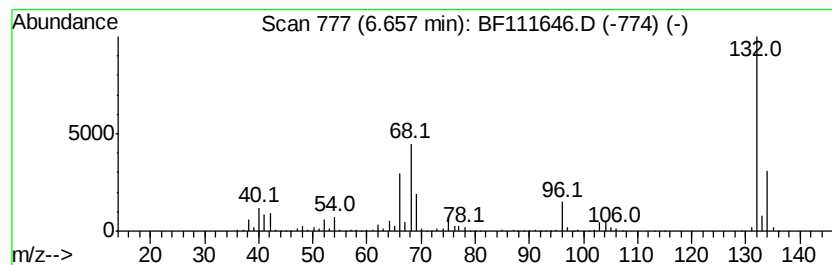
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	60.42 ng	3497370	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
2	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9	
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9	
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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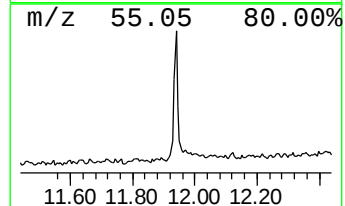
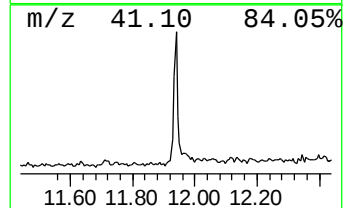
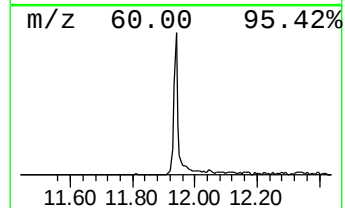
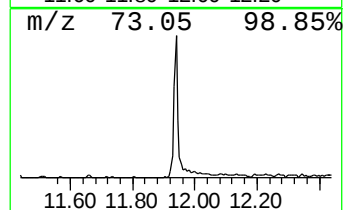
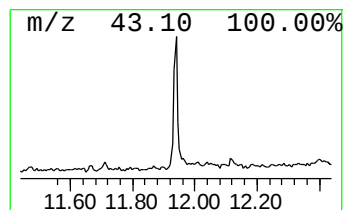
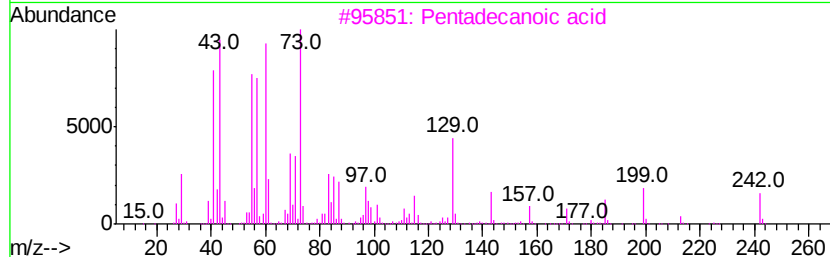
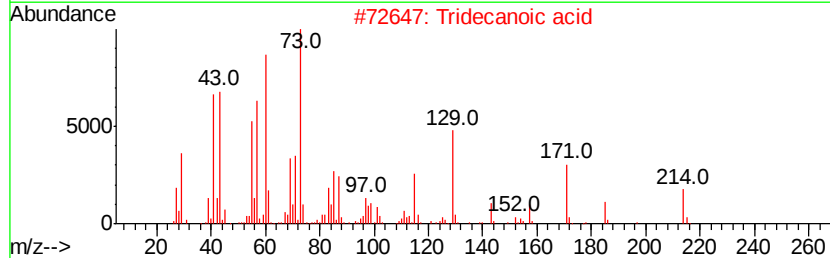
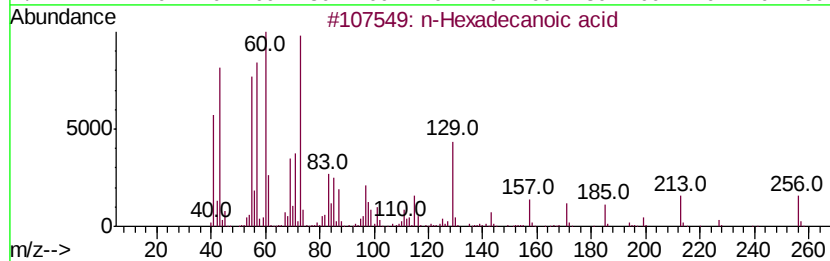
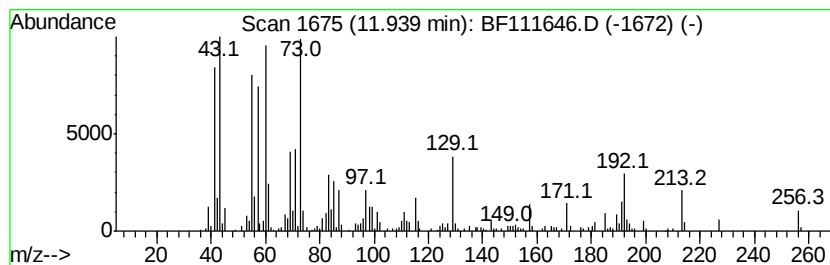
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.02 ng	298007	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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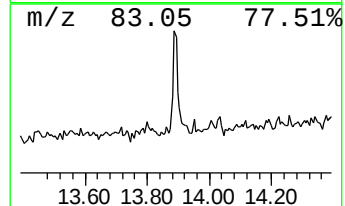
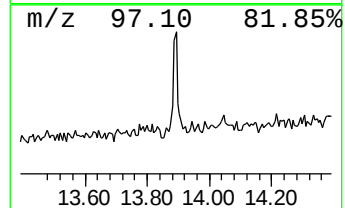
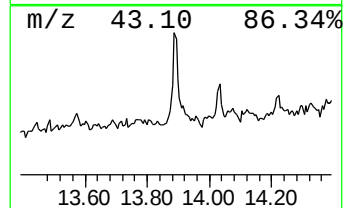
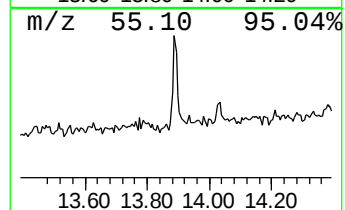
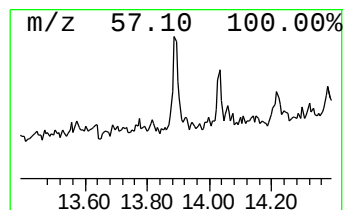
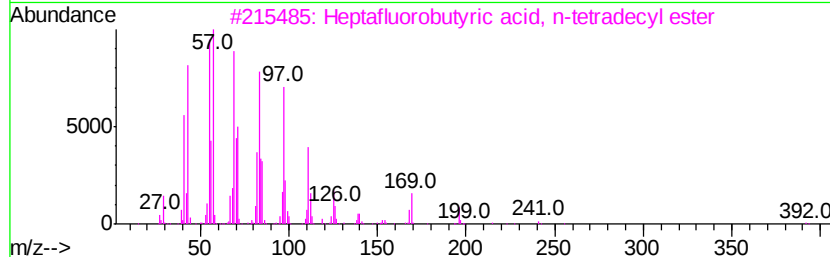
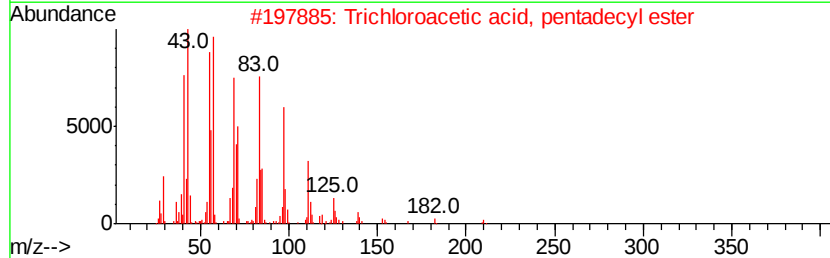
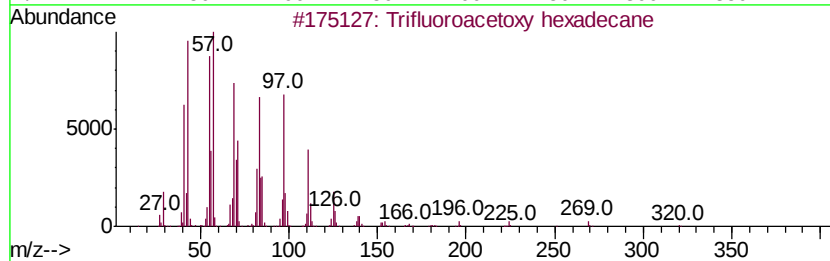
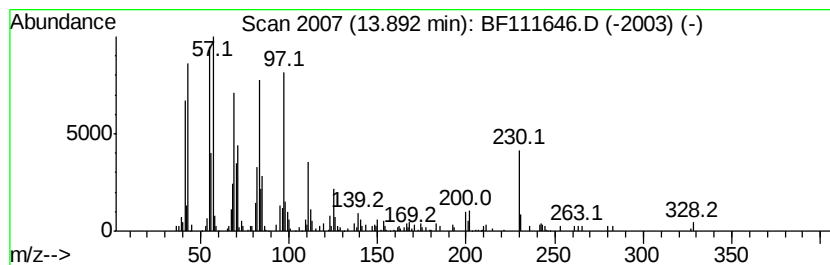
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.46 ng	182466	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	64
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64
5		Titanium tetrachloride	188	Cl4Ti	007550-45-0	53



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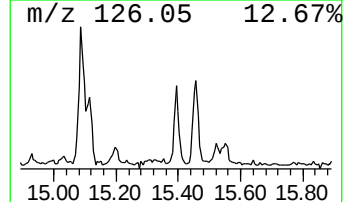
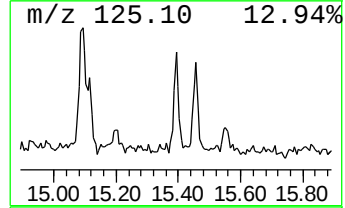
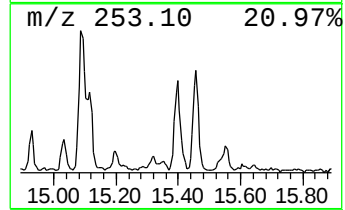
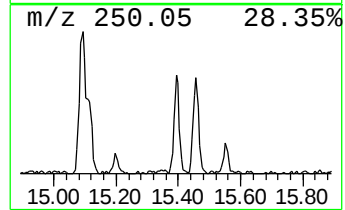
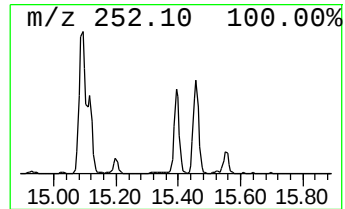
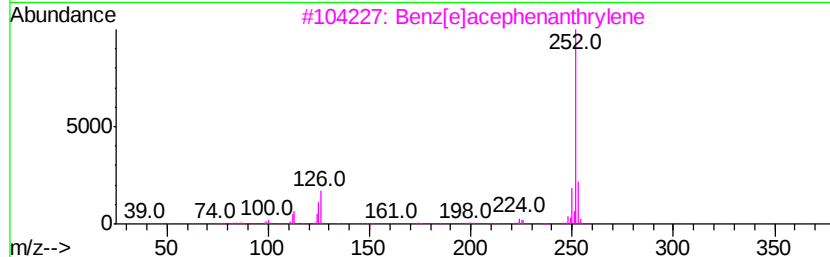
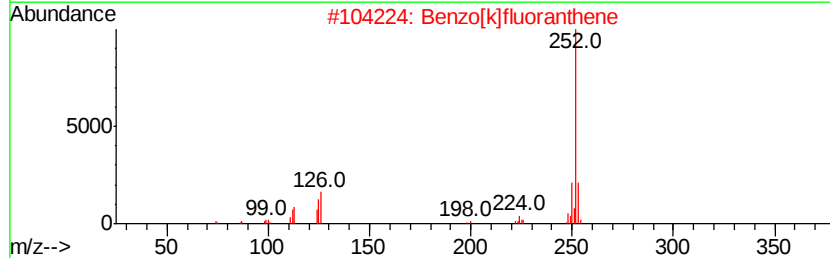
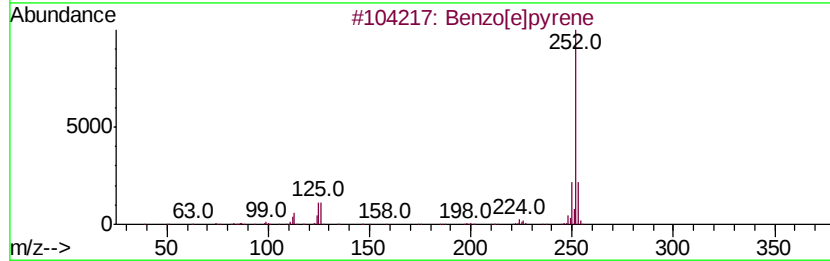
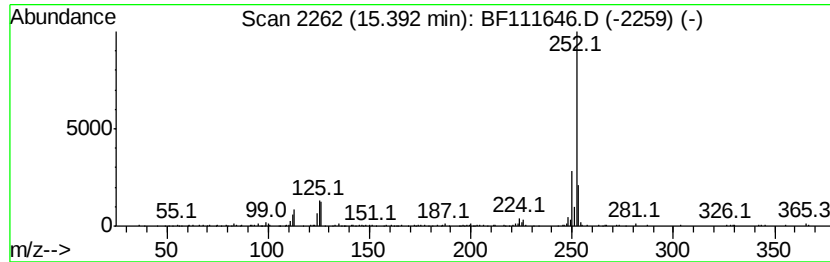
Instrument :
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ClientSampled :
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Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.39	3.34 ng	189596	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[el]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[al]pyrene	252	C20H12	000050-32-8	97
5	Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111646.D
Acq On : 20 Dec 2018 18:42
Operator : JU/SJ
Sample : J6346-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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...	5.12	3.0	ng	176806	1	6.89	1157620	20.0
unknown6.66	6.66	60.4	ng	3497370	1	6.89	1157620	20.0
n-Hexadecanoic acid	11.94	4.0	ng	298007	4	11.42	1483480	20.0
Trifluoroacetoxy ...	13.89	2.5	ng	182466	5	14.05	1481530	20.0
Benzo[e]pyrene	15.39	3.3	ng	189596	6	15.52	1135220	20.0