

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111724.D
 Acq On : 26 Dec 2018 20:09
 Operator : JU/SJ
 Sample : J6493-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

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	2.234	20	25	31	rVB	87132	118033	2.30%	0.250%
2	3.451	229	232	240	rBV	54934	100675	1.96%	0.213%
3	5.134	513	518	524	rBV	247673	313523	6.11%	0.663%
4	5.540	581	587	590	rVB	4607184	4655036	90.74%	9.847%
5	6.539	751	757	761	rBV	4436231	5129851	100.00%	10.852%
6	6.675	775	780	783	rBV	4971572	4937151	96.24%	10.444%
7	6.898	815	818	821	rBV	1580002	1362243	26.56%	2.882%
8	7.057	841	845	849	rVB	4143440	3828932	74.64%	8.100%
9	7.457	908	913	916	rBV	2981016	3134245	61.10%	6.630%
10	8.181	1031	1036	1040	rBV	1880172	1669878	32.55%	3.533%
11	9.257	1214	1219	1222	rBV	5741703	5023811	97.93%	10.628%
12	9.645	1281	1285	1289	rBV	503131	435245	8.48%	0.921%
13	9.933	1330	1334	1338	rVB	1776863	1610306	31.39%	3.407%
14	10.722	1463	1468	1472	rBV	3003575	2804070	54.66%	5.932%
15	11.422	1583	1587	1589	rBV	1666708	1383464	26.97%	2.927%
16	11.445	1589	1591	1594	rVB	283207	221667	4.32%	0.469%
17	11.945	1672	1676	1680	rBV2	408308	327909	6.39%	0.694%
18	12.633	1789	1793	1796	rBV	633498	504963	9.84%	1.068%
19	12.727	1806	1809	1816	rBV	99551	111441	2.17%	0.236%
20	12.863	1826	1832	1837	rBV	459011	531477	10.36%	1.124%
21	13.004	1852	1856	1859	rBV	4389191	3754833	73.20%	7.943%
22	13.692	1970	1973	1979	rBV	35905	55663	1.09%	0.118%
23	13.898	2004	2008	2015	rVB	610685	609222	11.88%	1.289%
24	14.057	2030	2035	2038	rBV2	1642121	1715207	33.44%	3.628%
25	14.080	2038	2039	2045	rVB	262388	199271	3.88%	0.422%
26	14.163	2051	2053	2057	rVB	71413	59847	1.17%	0.127%
27	14.221	2060	2063	2066	rBV	85795	86470	1.69%	0.183%
28	14.527	2112	2115	2119	rBV2	146135	155528	3.03%	0.329%
29	14.839	2165	2168	2172	rVB	107166	106129	2.07%	0.225%
30	14.915	2179	2181	2184	rVB	79360	75575	1.47%	0.160%
31	15.104	2209	2213	2216	rBV	212407	322522	6.29%	0.682%
32	15.186	2224	2227	2229	rBV	105399	107051	2.09%	0.226%
33	15.410	2262	2265	2271	rVB	130979	163994	3.20%	0.347%
34	15.474	2272	2276	2281	rVV	170732	241190	4.70%	0.510%

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Stop Thrs : 0 Peak Location: TOP

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35	15.539	2282	2287	2291	rVV	890456	1165390	22.72%	2.465%
36	15.568	2291	2292	2299	rVB2	157640	174910	3.41%	0.370%
37	16.021	2366	2369	2372	rVB	63673	74580	1.45%	0.158%

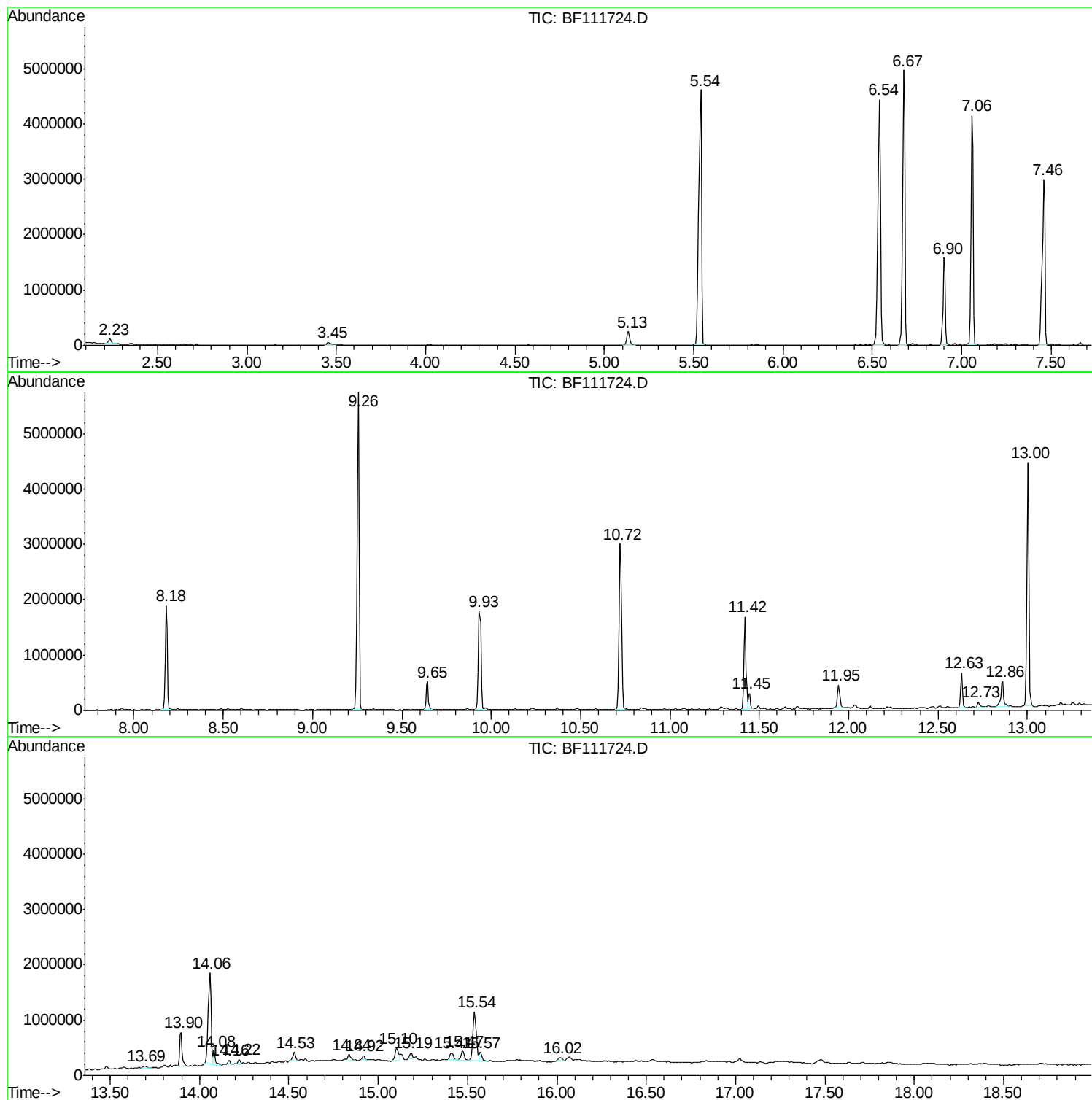
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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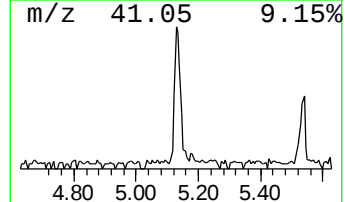
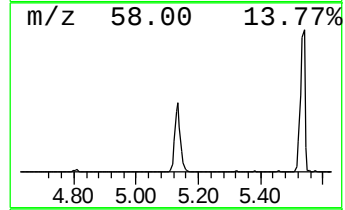
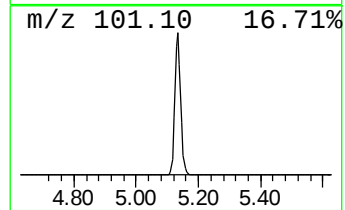
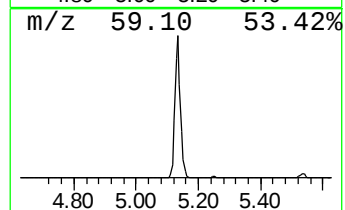
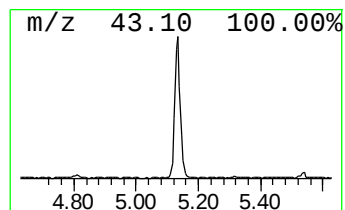
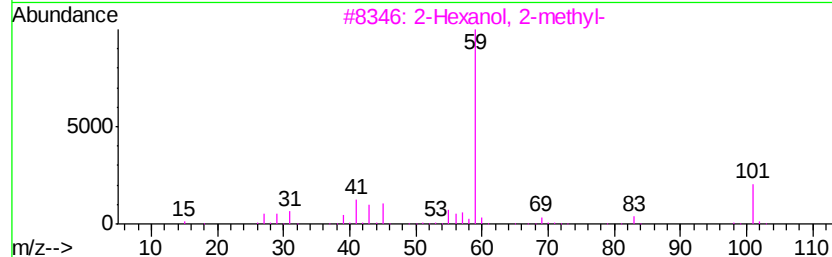
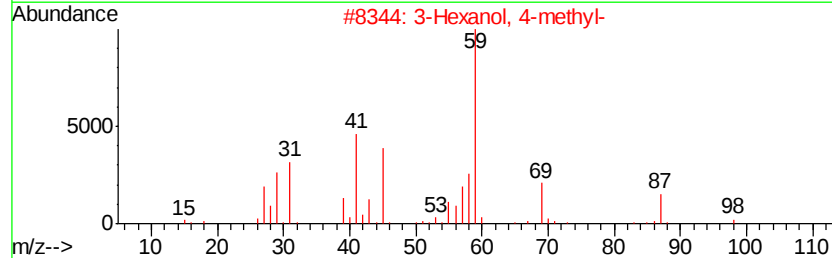
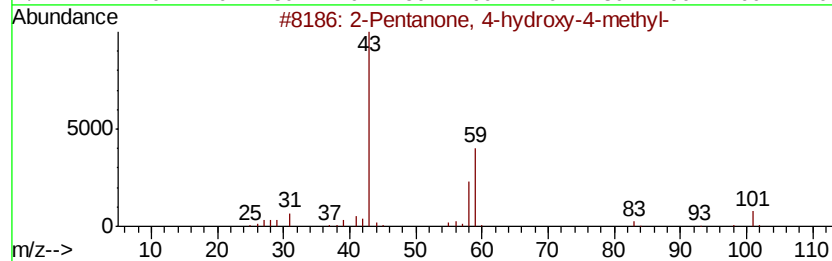
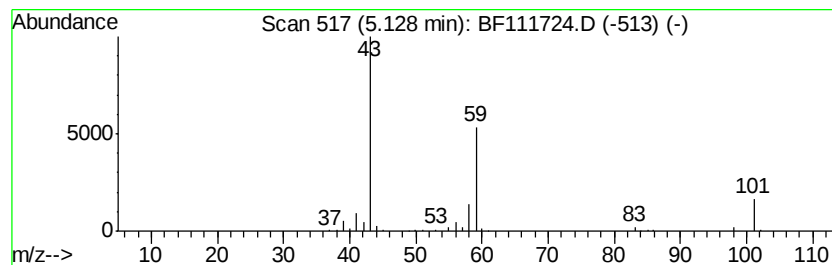
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	4.60 ng	313523	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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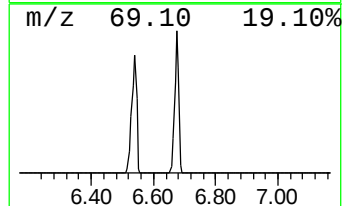
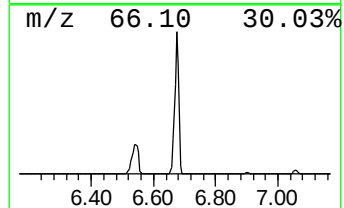
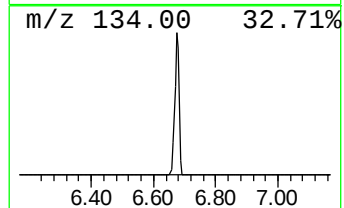
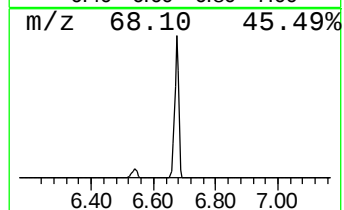
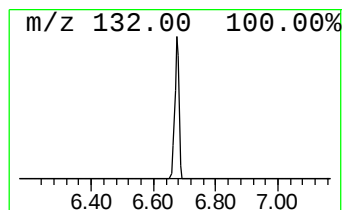
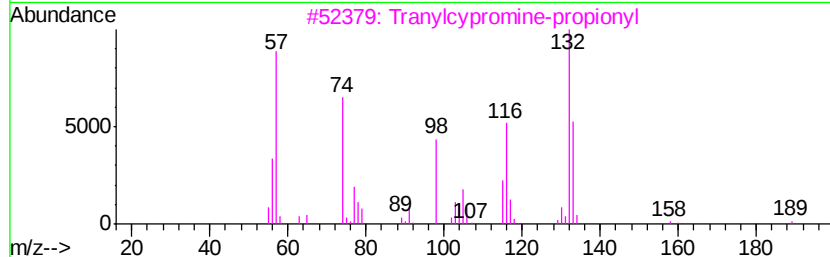
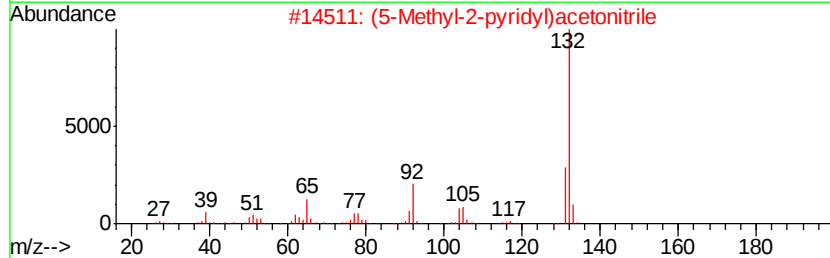
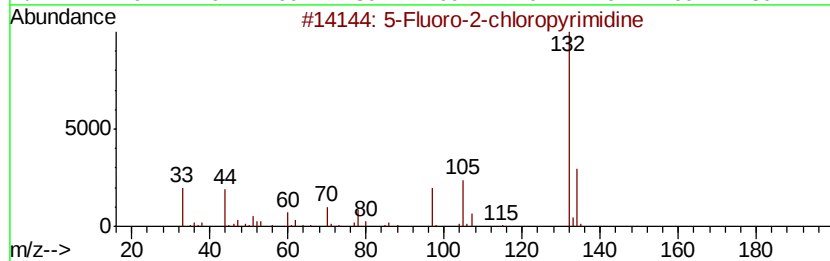
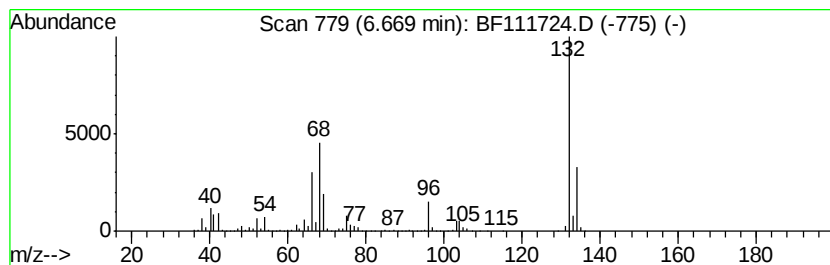
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	72.49 ng	4937150	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
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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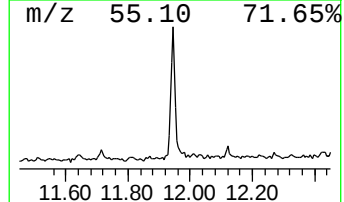
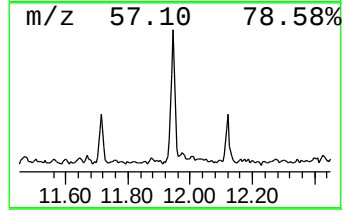
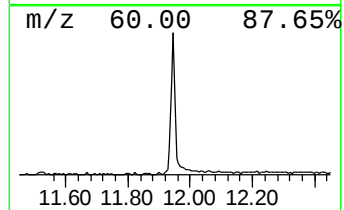
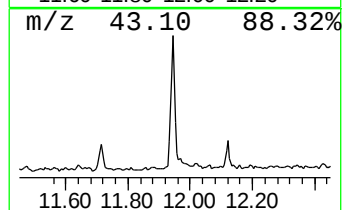
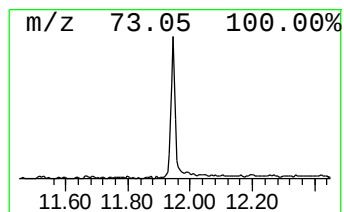
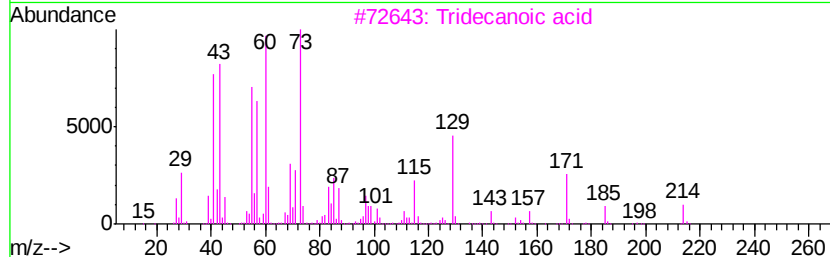
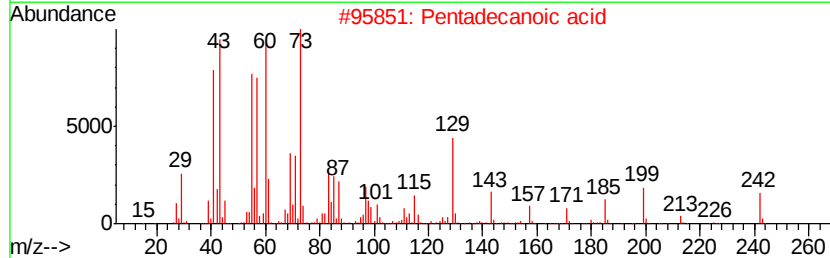
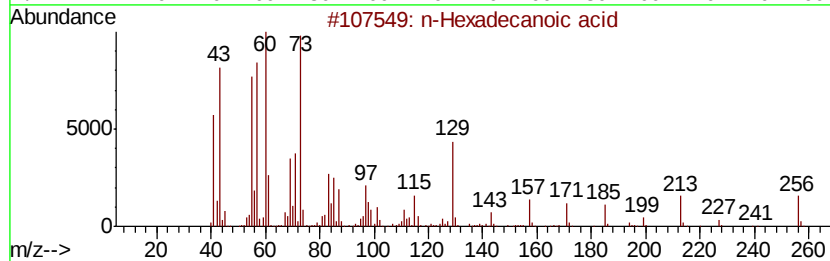
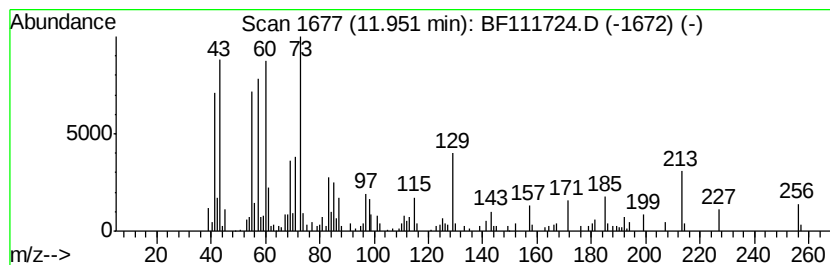
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.74 ng	327909	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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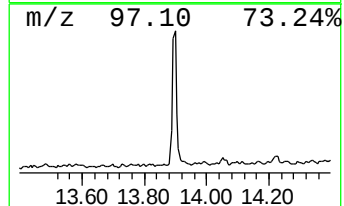
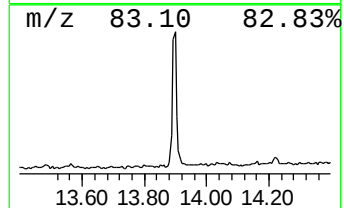
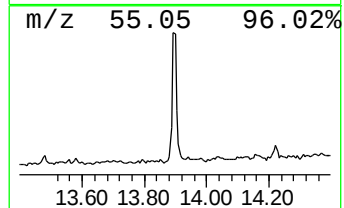
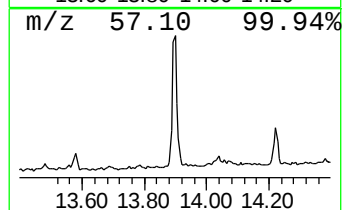
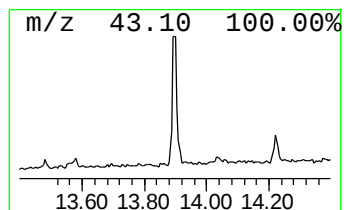
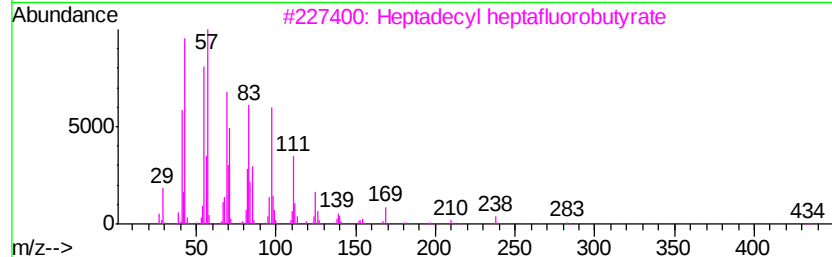
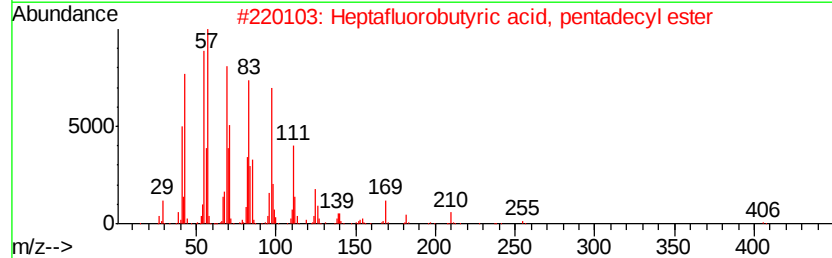
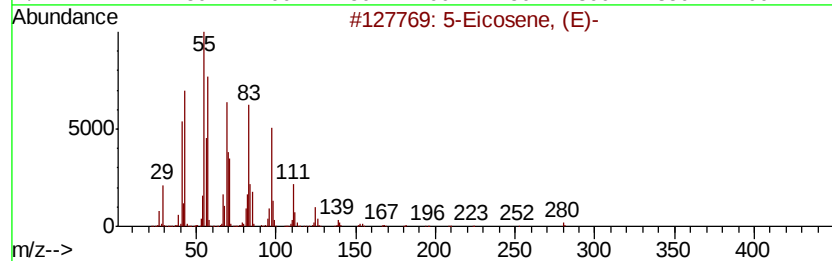
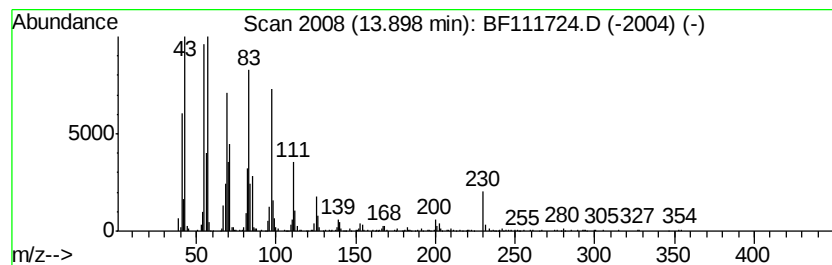
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Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	7.10 ng	609222	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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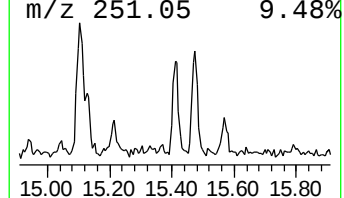
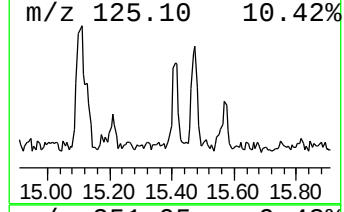
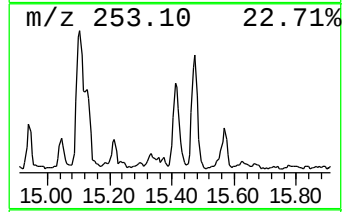
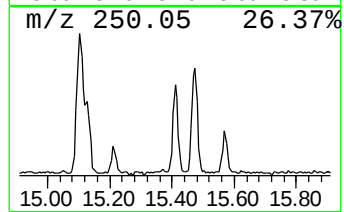
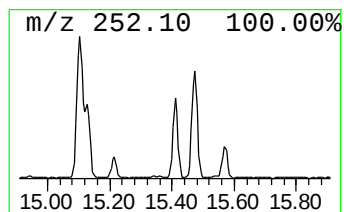
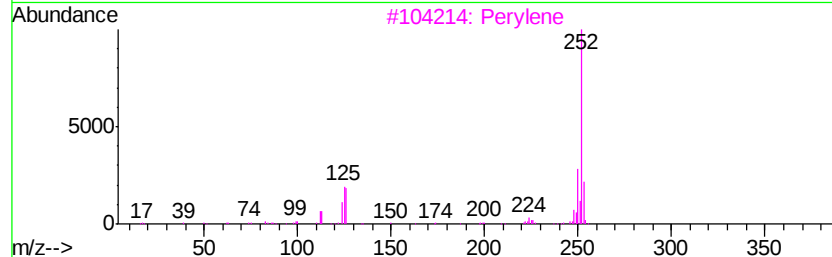
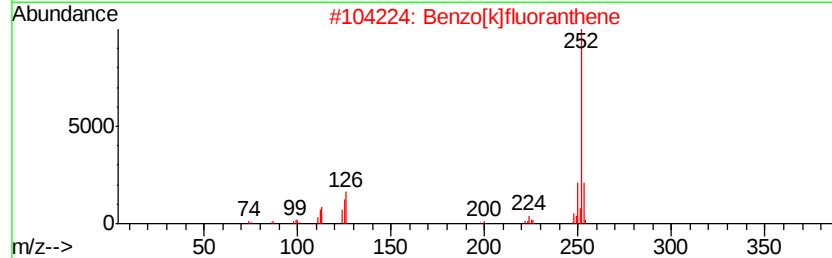
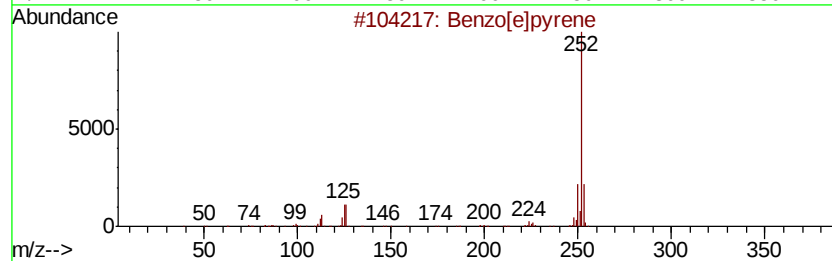
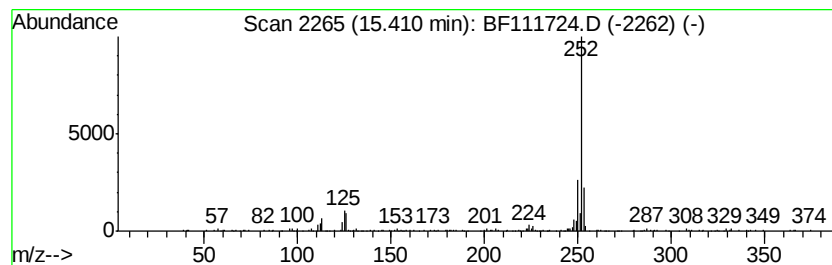
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Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.81 ng	163994	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111724.D
Acq On : 26 Dec 2018 20:09
Operator : JU/SJ
Sample : J6493-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

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...	5.13	4.6	ng	313523	1	6.90	1362240	20.0
unknown6.67	6.67	72.5	ng	4937150	1	6.90	1362240	20.0
n-Hexadecanoic acid	11.95	4.7	ng	327909	4	11.42	1383460	20.0
5-Eicosene, (E)-	13.90	7.1	ng	609222	5	14.06	1715210	20.0
Benzo[e]pyrene	15.41	2.8	ng	163994	6	15.54	1165390	20.0