

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107374.D
 Acq On : 13 Jul 2018 18:22
 Operator : JU/SJ
 Sample : J3542-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LL-SOIL-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-BF061918.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	5.160	477	480	494	rBV	112510	133800	11.28%	1.431%
2	5.572	547	550	571	rBV	864812	906516	76.45%	9.697%
3	6.578	717	721	739	rBV	803238	869471	73.32%	9.301%
4	6.707	739	743	753	rVB	979500	872821	73.60%	9.337%
5	6.931	777	781	786	rBV	275584	247485	20.87%	2.647%
6	7.084	803	807	822	rBB	803555	703246	59.30%	7.523%
7	7.495	873	877	894	rBV	508858	508146	42.85%	5.436%
8	8.213	995	999	1010	rBV	276691	281023	23.70%	3.006%
9	9.289	1178	1182	1190	rBV	962947	919721	77.56%	9.839%
10	9.683	1244	1249	1255	rBV	127098	129362	10.91%	1.384%
11	9.978	1295	1299	1303	rBV	324896	298522	25.17%	3.193%
12	10.007	1303	1304	1311	rVB2	18428	17538	1.48%	0.188%
13	10.378	1364	1367	1370	rVB2	12923	13881	1.17%	0.148%
14	10.778	1431	1435	1447	rBV	636869	641752	54.12%	6.865%
15	10.866	1448	1450	1453	rVB2	17184	14905	1.26%	0.159%
16	11.477	1550	1554	1557	rBV	379117	367923	31.03%	3.936%
17	11.554	1565	1567	1570	rBV	14232	14968	1.26%	0.160%
18	12.695	1758	1761	1767	rBV	75597	84256	7.11%	0.901%
19	12.907	1795	1797	1799	rBV2	17611	18703	1.58%	0.200%
20	12.930	1799	1801	1806	rVB	81497	70513	5.95%	0.754%
21	13.060	1819	1823	1826	rBV	1288209	1185834	100.00%	12.685%
22	13.260	1855	1857	1860	rVB	25949	18750	1.58%	0.201%
23	13.601	1913	1915	1918	rBV2	18749	18561	1.57%	0.199%
24	13.730	1934	1937	1941	rBV6	16301	20858	1.76%	0.223%
25	13.942	1969	1973	1980	rVB2	64789	96848	8.17%	1.036%
26	14.136	2002	2006	2009	rBV	403263	395019	33.31%	4.226%
27	14.560	2075	2078	2081	rBV	34210	39663	3.34%	0.424%
28	14.871	2129	2131	2134	rVB	30487	26049	2.20%	0.279%
29	15.224	2187	2191	2197	rVB	48648	70377	5.93%	0.753%
30	15.618	2255	2258	2263	rVB3	39400	52980	4.47%	0.567%
31	15.671	2263	2267	2279	rVB	186221	281222	23.72%	3.008%
32	16.071	2333	2335	2339	rVB2	23959	27241	2.30%	0.291%

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LL-SOIL-2

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

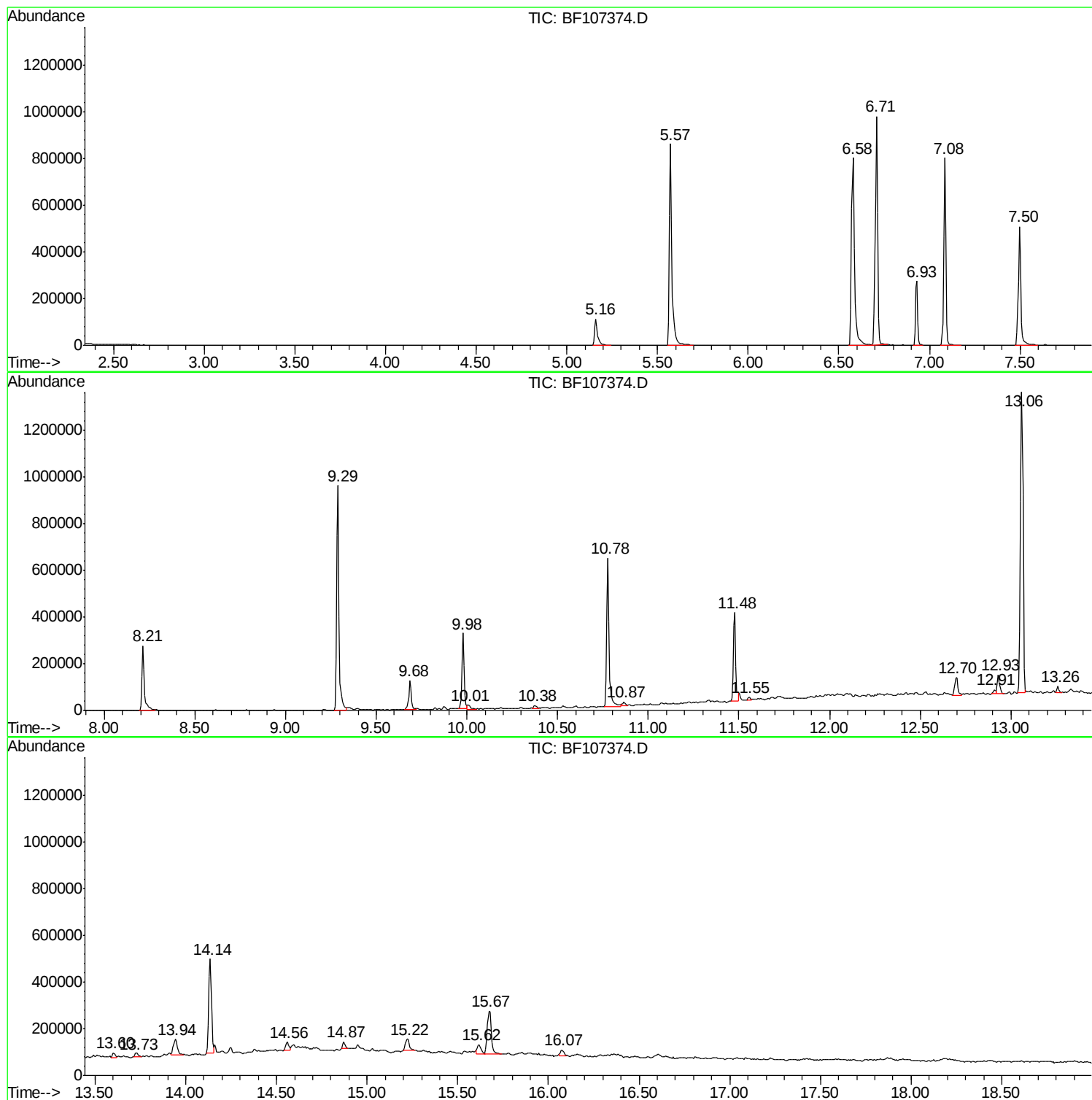
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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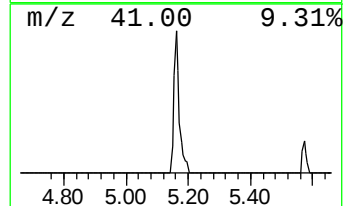
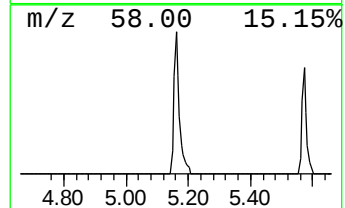
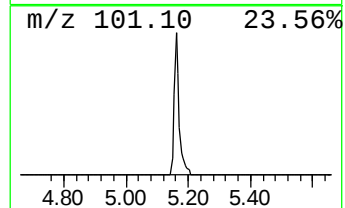
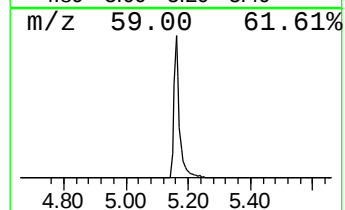
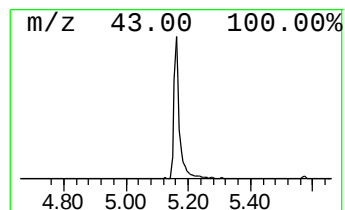
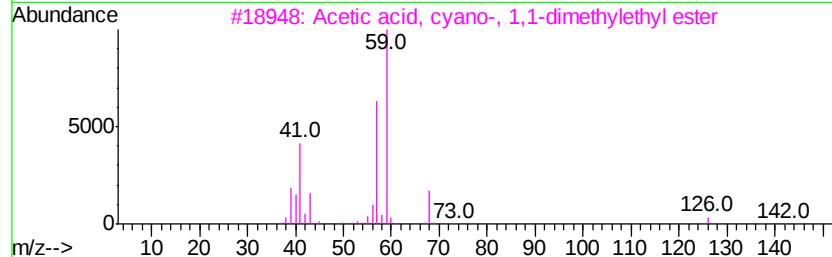
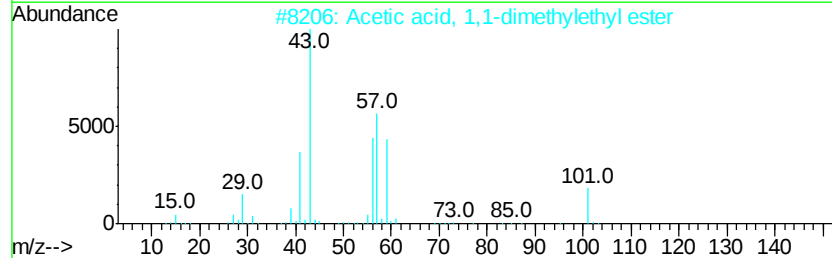
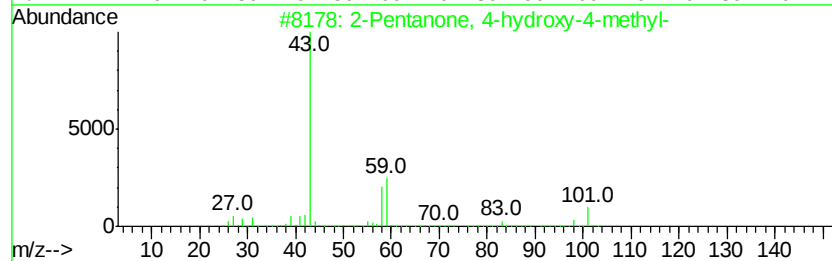
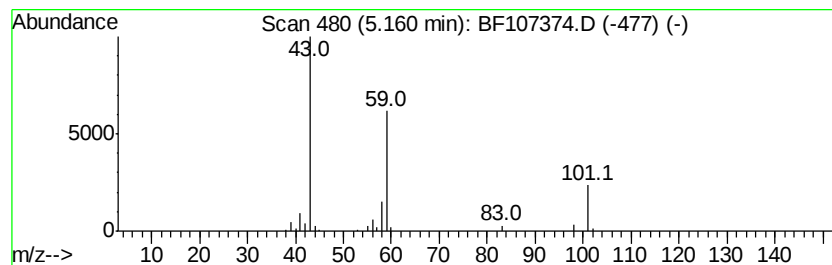
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	10.81 ng	133800	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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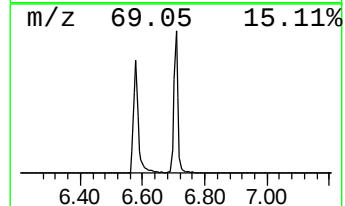
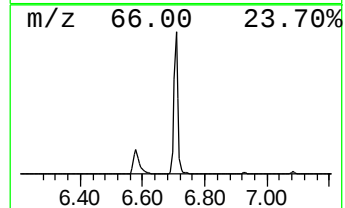
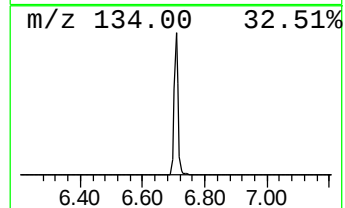
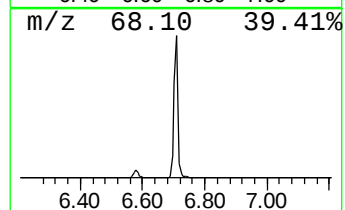
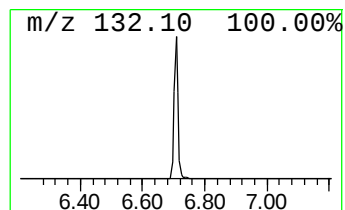
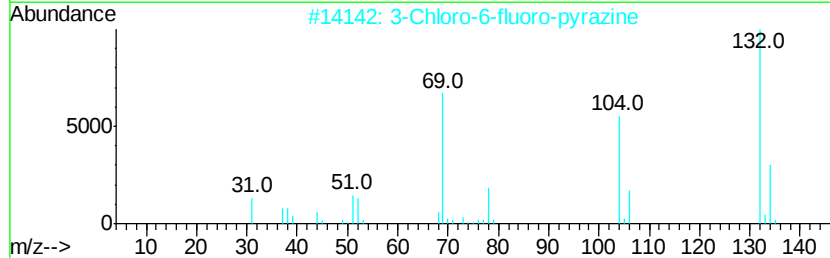
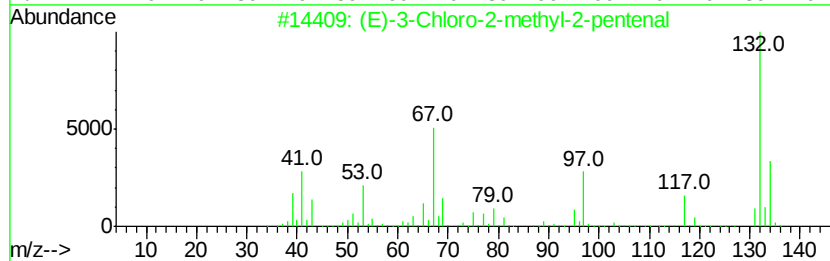
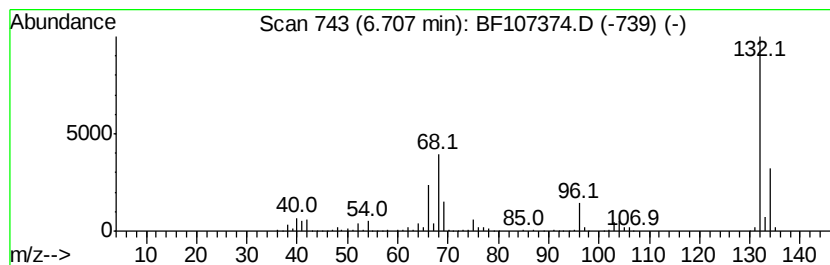
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	70.54 ng	872821	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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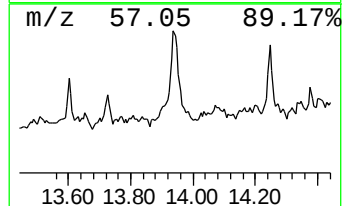
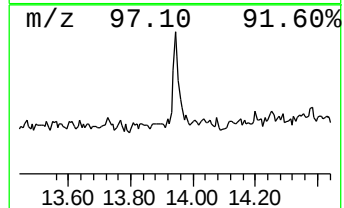
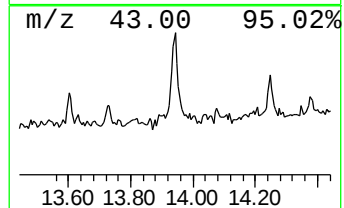
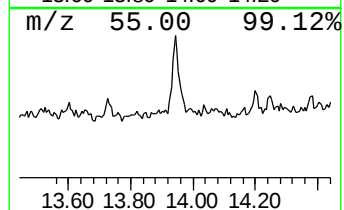
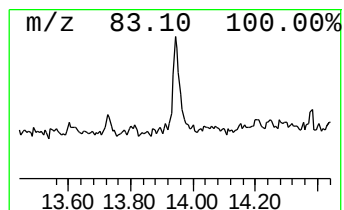
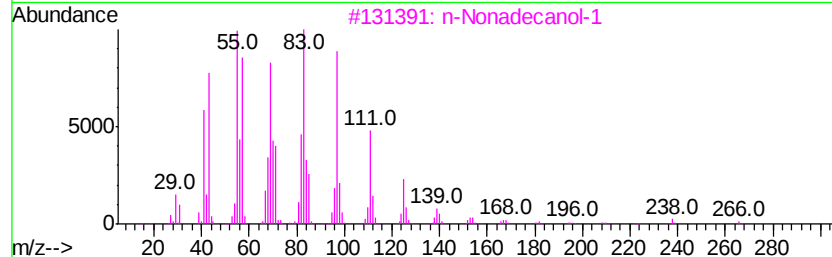
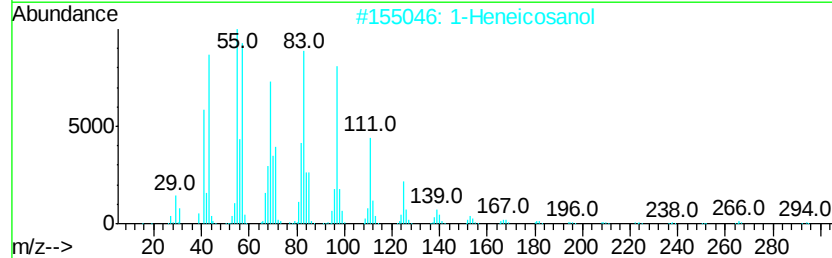
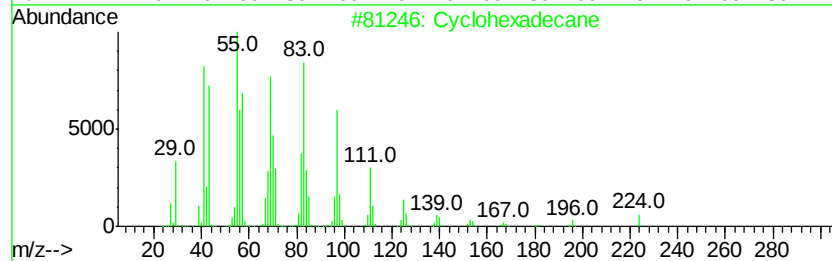
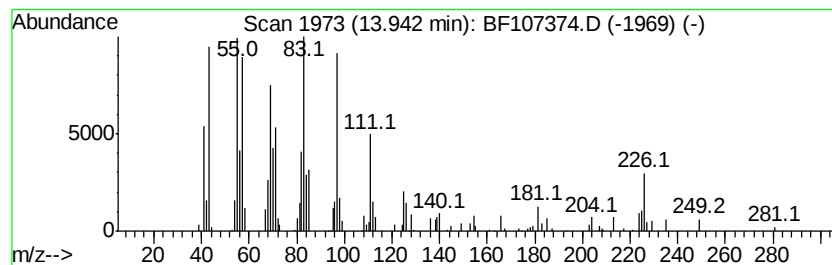
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.90 ng	96848	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	96
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4		Behenic alcohol	326	C22H46O	000661-19-8	90
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	90



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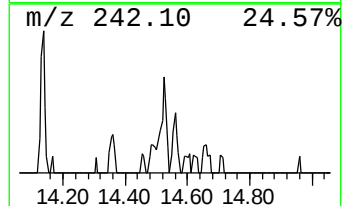
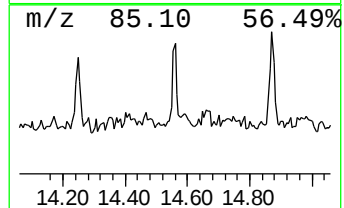
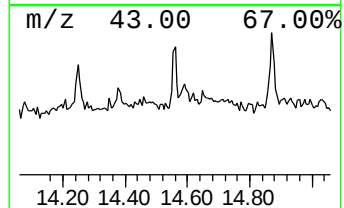
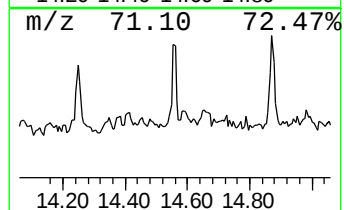
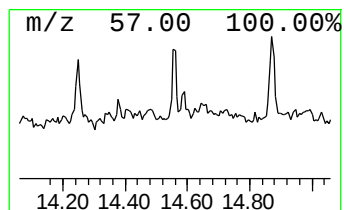
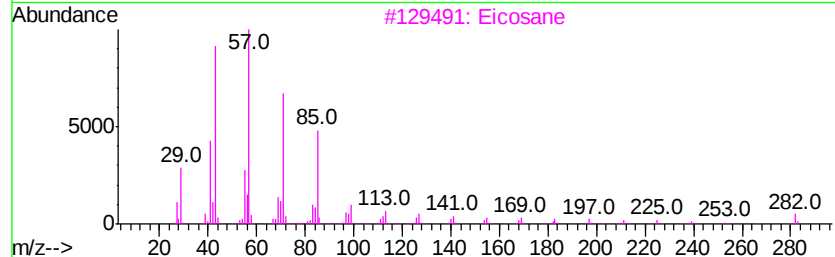
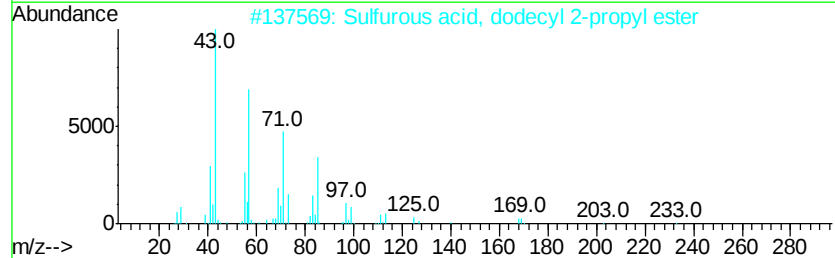
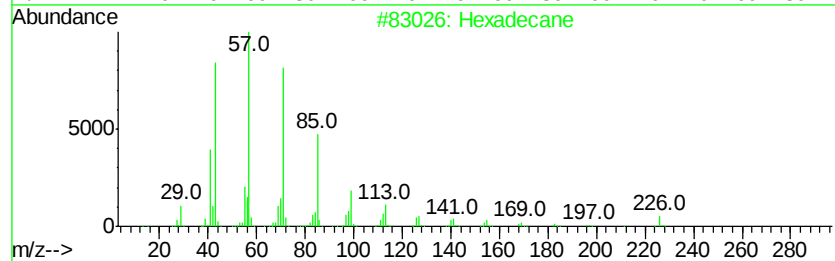
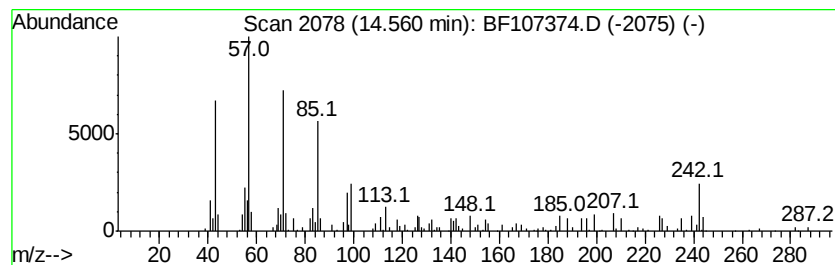
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.01 ng	39663	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	78
2	Sulfurous acid, dodecyl 2-propyl...		292	C15H32O3S	1000309-12-3	50
3	Eicosane		282	C20H42	000112-95-8	49
4	2-methyloctacosane		408	C29H60	1000376-72-8	46
5	Triacontane		422	C30H62	000638-68-6	46



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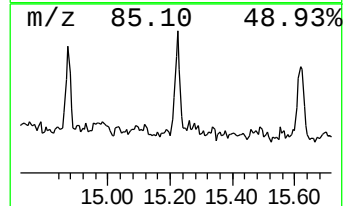
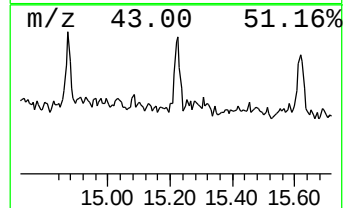
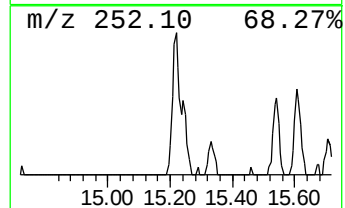
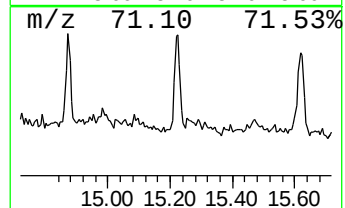
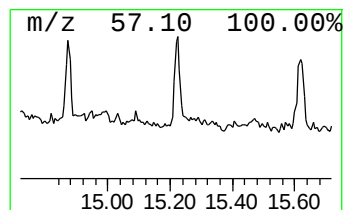
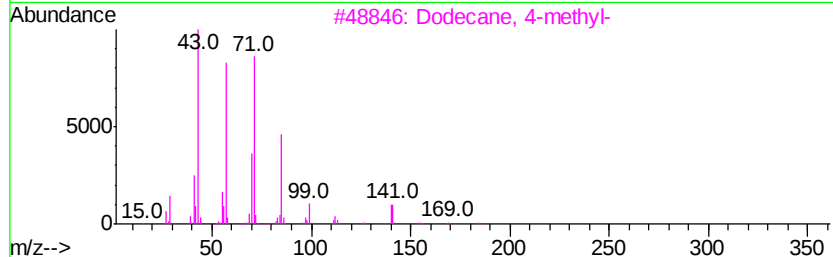
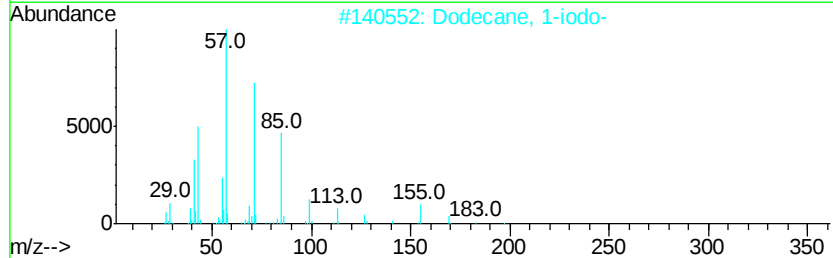
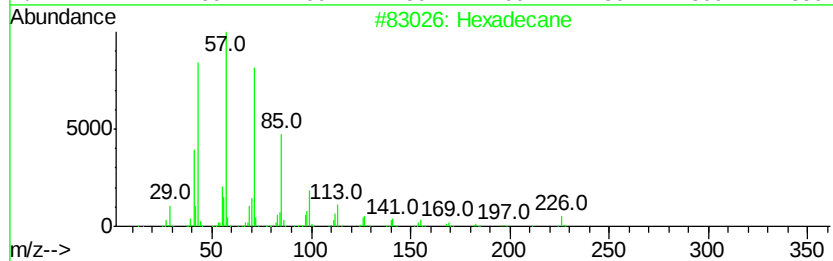
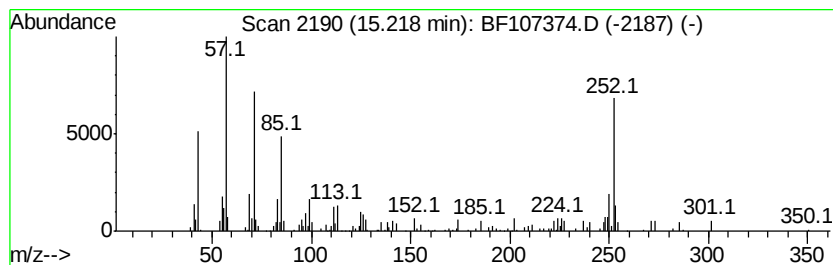
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.01 ng	70377	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	45
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	43
3	Dodecane, 4-methyl-		184	C13H28	006117-97-1	38
4	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	38
5	2-Bromononane		206	C9H19Br	002216-35-5	38



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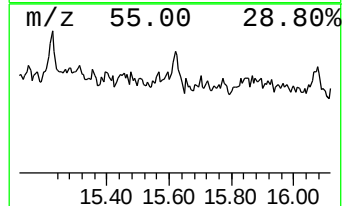
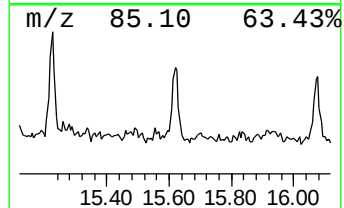
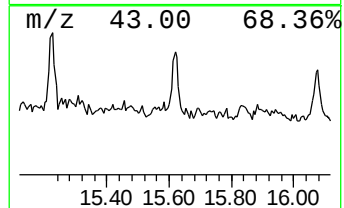
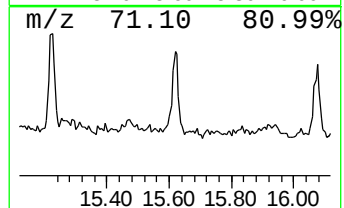
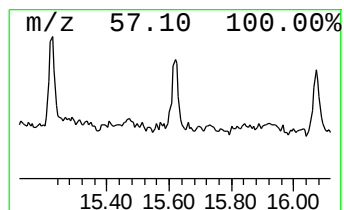
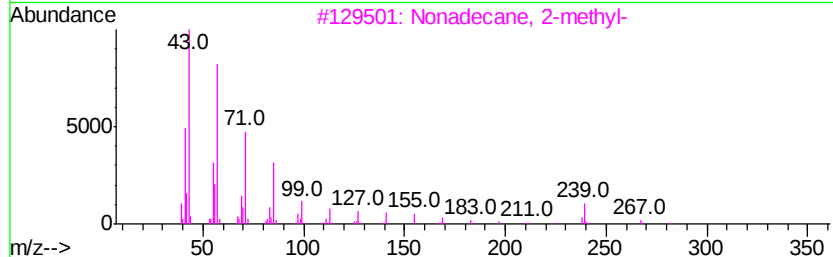
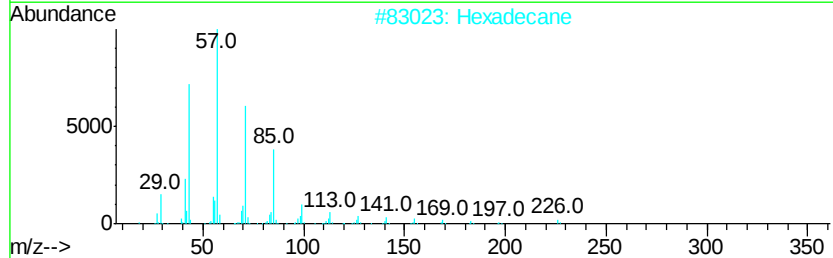
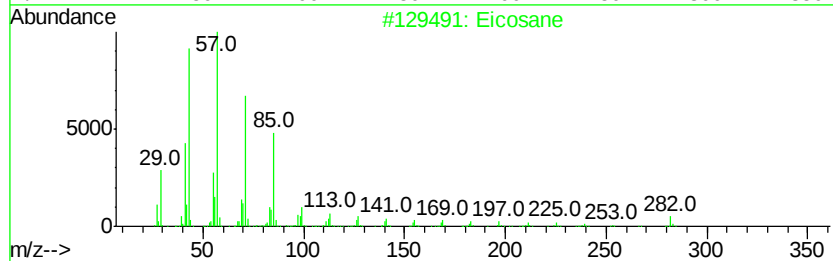
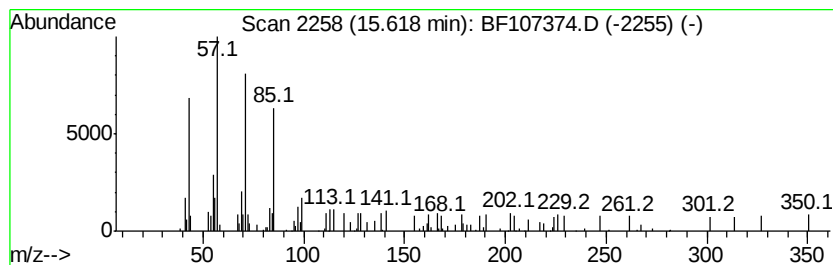
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	3.77 ng	52980	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Hexadecane	226	C16H34	000544-76-3	70
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	70
4		Hexacosane	366	C26H54	000630-01-3	62
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
Data File : BF107374.D
Acq On : 13 Jul 2018 18:22
Operator : JU/SJ
Sample : J3542-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LL-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.16	10.8	ng	133800	1	6.93	247485	20.0
unknown6.71	6.71	70.5	ng	872821	1	6.93	247485	20.0
Cyclohexadecane	13.94	4.9	ng	96848	5	14.14	395019	20.0
Hexadecane	14.56	2.0	ng	39663	5	14.14	395019	20.0
unknown15.22	15.22	5.0	ng	70377	6	15.67	281222	20.0
Eicosane	15.62	3.8	ng	52980	6	15.67	281222	20.0