

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140514.D
 Acq On : 20 Nov 2024 21:47
 Operator : RC/JU
 Sample : P4822-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-5

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	21	rVB	661101	1040757	55.60%	5.970%
2	4.540	409	416	426	rVB	14246	24248	1.30%	0.139%
3	5.093	500	510	522	rBV	27750	47198	2.52%	0.271%
4	5.504	574	580	599	rBV	1296534	1711640	91.44%	9.818%
5	6.510	745	751	768	rBV	1255178	1694160	90.50%	9.718%
6	6.875	808	813	818	rBV	506377	624307	33.35%	3.581%
7	7.434	902	908	917	rBV	841209	1079060	57.64%	6.190%
8	7.510	917	921	935	rVB	13783	27328	1.46%	0.157%
9	7.687	946	951	962	rVB	19969	31462	1.68%	0.180%
10	8.151	1025	1030	1047	rVB	542132	721014	38.52%	4.136%
11	9.228	1207	1213	1229	rBV	1405493	1871917	100.00%	10.738%
12	9.751	1298	1302	1309	rVB2	15364	21670	1.16%	0.124%
13	9.910	1323	1329	1342	rVB	508443	696536	37.21%	3.995%
14	10.622	1444	1450	1458	rBV	321115	426381	22.78%	2.446%
15	10.698	1458	1463	1472	rVV	700240	910525	48.64%	5.223%
16	10.927	1498	1502	1507	rBV	60279	77508	4.14%	0.445%
17	11.063	1520	1525	1535	rBV2	26628	51020	2.73%	0.293%
18	11.398	1576	1582	1592	rBV	515770	711886	38.03%	4.084%
19	11.851	1654	1659	1662	rBV4	13328	22511	1.20%	0.129%
20	11.922	1666	1671	1683	rVV	459986	730135	39.00%	4.188%
21	12.086	1695	1699	1705	rBV5	14139	24079	1.29%	0.138%
22	12.416	1751	1755	1758	rBV	18545	24815	1.33%	0.142%
23	12.616	1781	1789	1800	rBV2	198594	546161	29.18%	3.133%
24	12.710	1800	1805	1820	rVV2	121428	276575	14.77%	1.586%
25	12.845	1822	1828	1835	rVV	110820	182471	9.75%	1.047%
26	12.980	1846	1851	1859	rBV	1386226	1813269	96.87%	10.401%
27	13.169	1881	1883	1886	rVB	21362	21902	1.17%	0.126%
28	13.239	1892	1895	1898	rBV	21245	27195	1.45%	0.156%
29	14.045	2026	2032	2042	rVB2	513663	840171	44.88%	4.819%
30	14.886	2171	2175	2180	rVB	181334	245810	13.13%	1.410%
31	15.092	2207	2210	2217	rBV	64399	130745	6.98%	0.750%
32	15.151	2217	2220	2226	rVB	73773	104930	5.61%	0.602%
33	15.527	2279	2284	2295	rVB	330544	561117	29.98%	3.219%
34	15.980	2357	2361	2366	rVB	69423	112558	6.01%	0.646%

Sum of corrected areas: 17433061

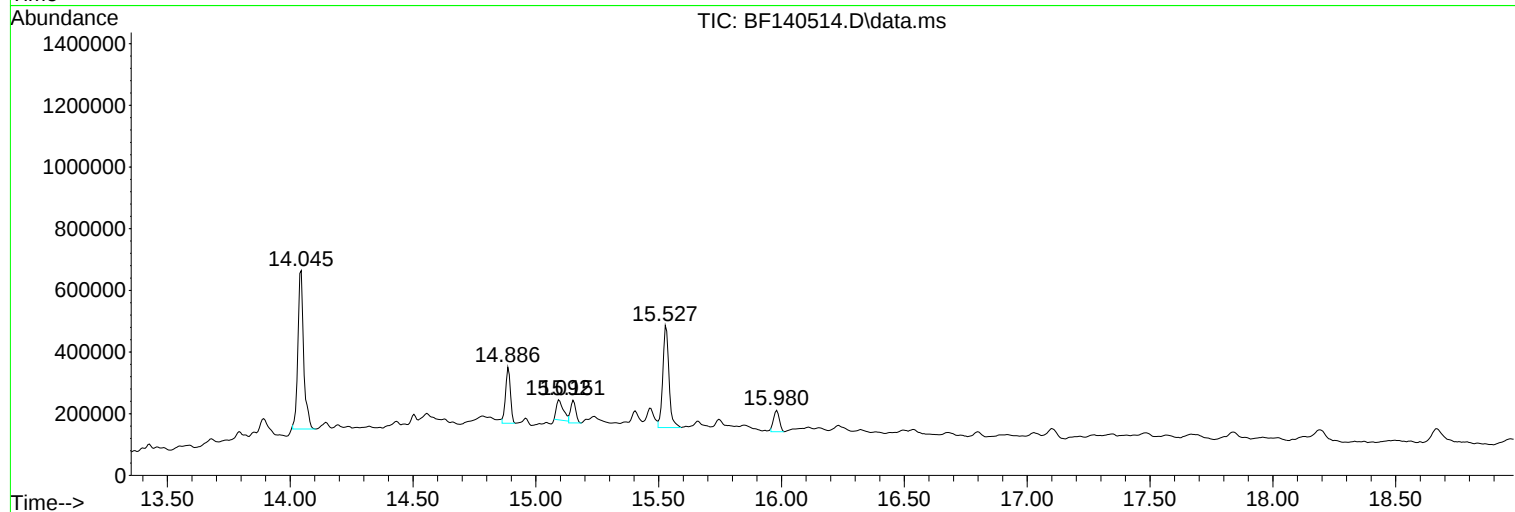
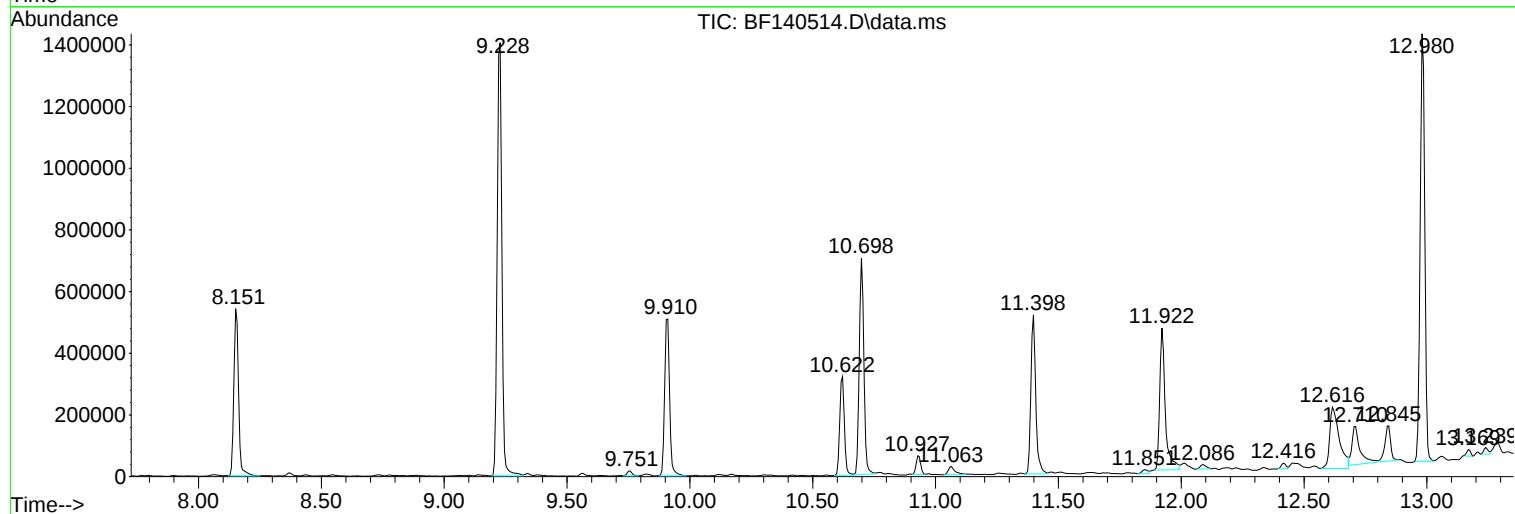
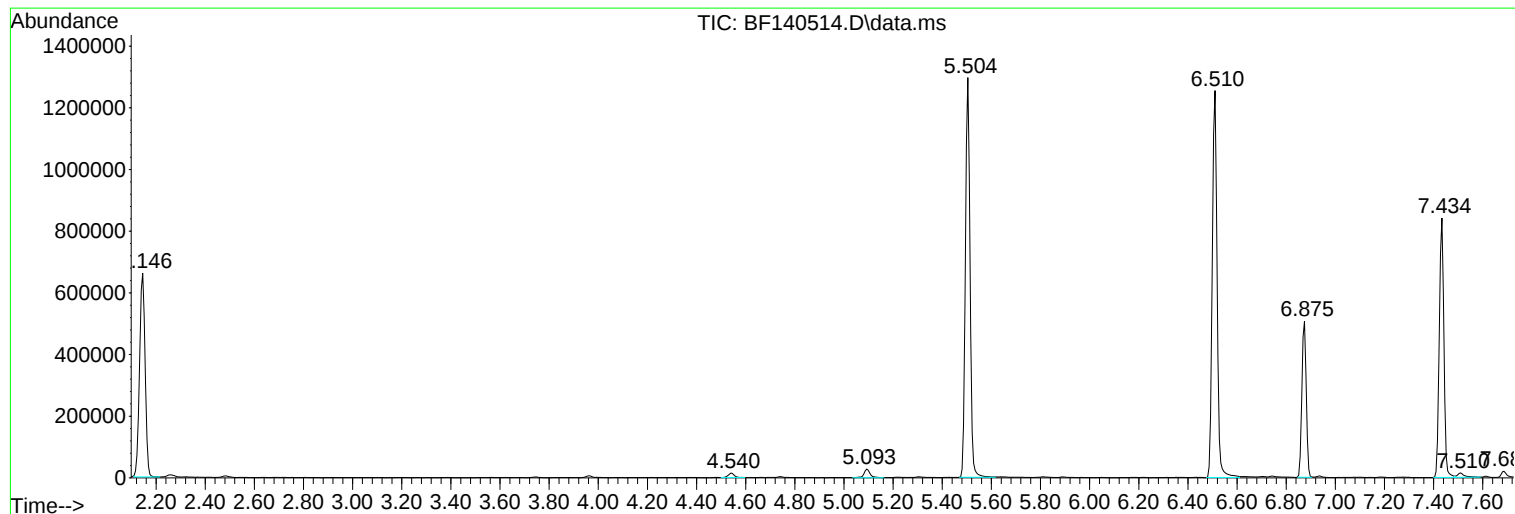
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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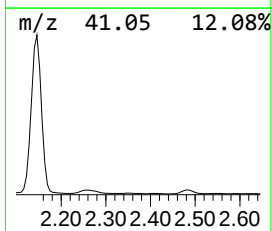
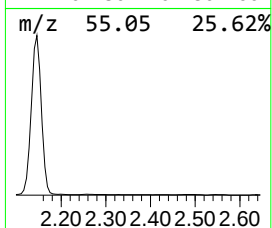
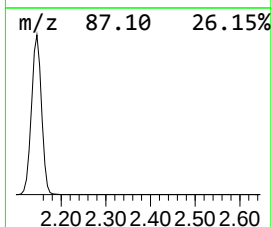
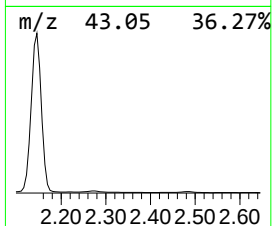
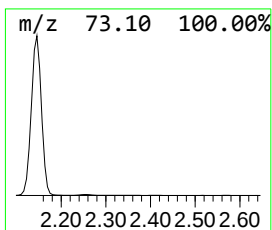
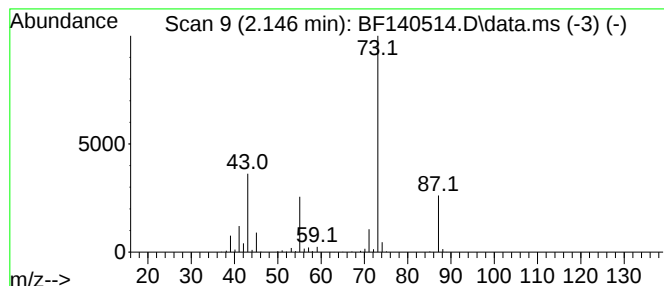
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	33.34 ng	1040760	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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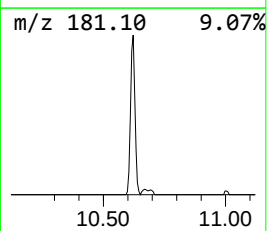
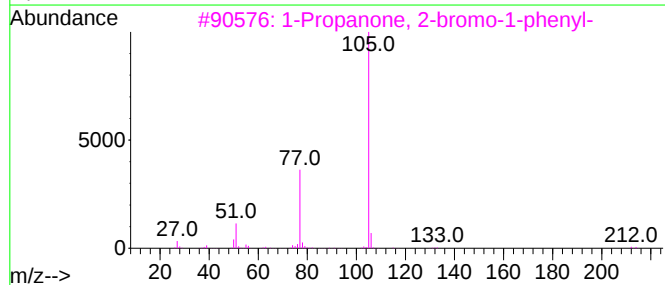
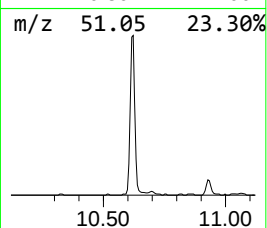
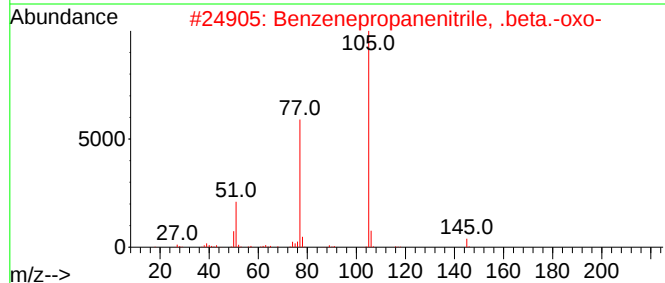
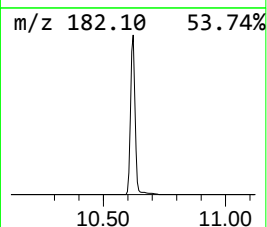
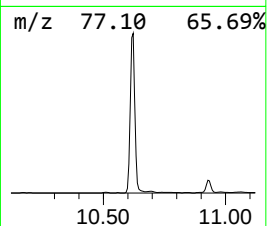
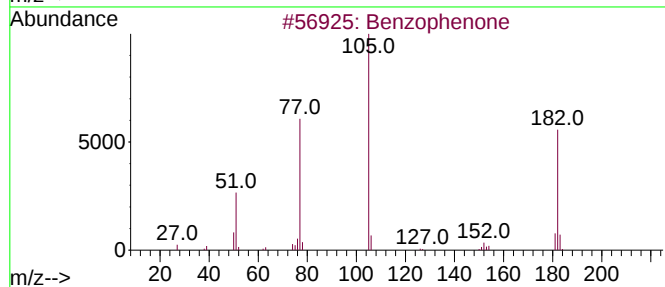
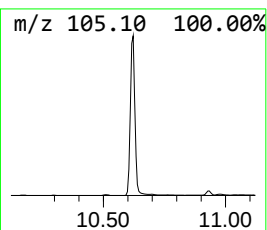
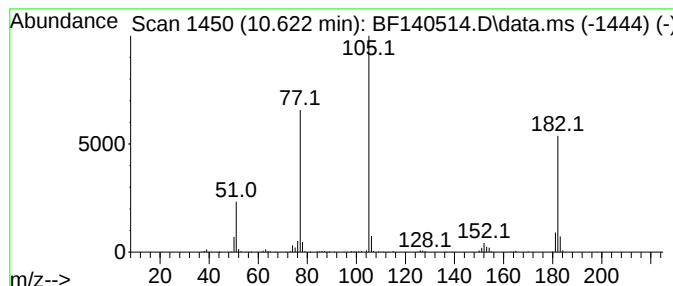
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	12.24 ng	426381	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47



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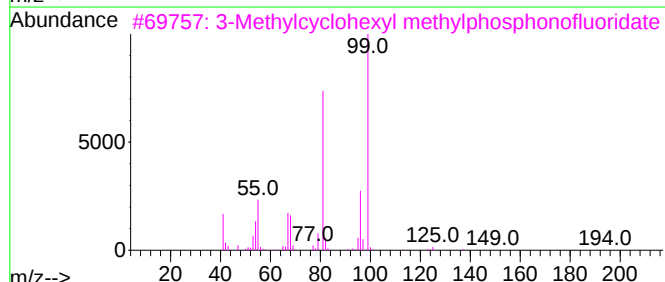
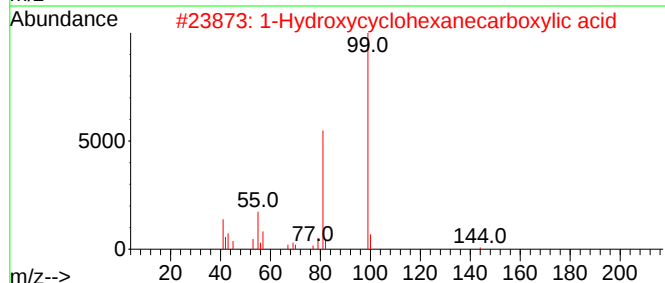
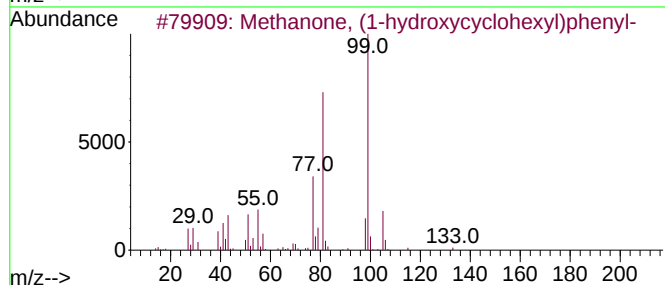
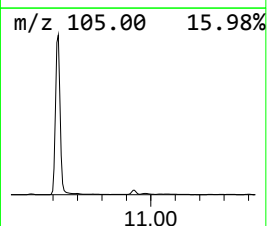
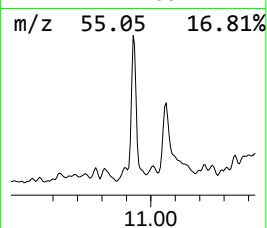
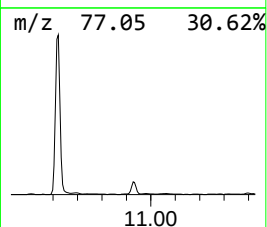
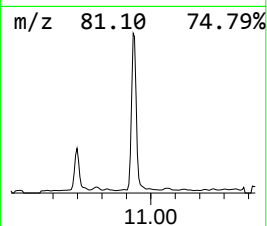
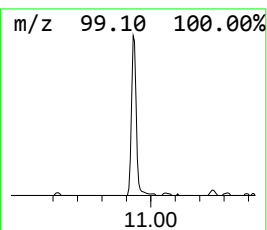
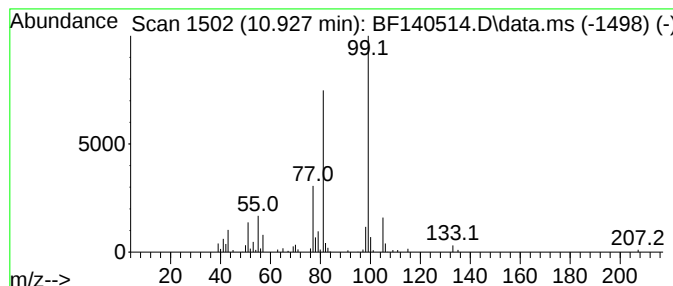
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Methanone, (1-hydroxycyclohexyl) Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	2.18 ng	77508	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	91
2			1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45
3			3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	42
4			Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	38
5			1,1'-Bicyclohexyl-1,1'-diol	198	C12H22O2	002888-11-1	38



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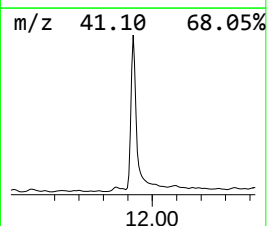
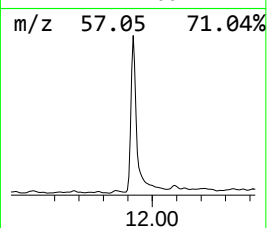
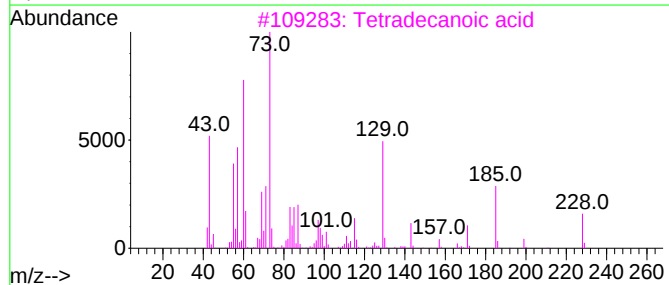
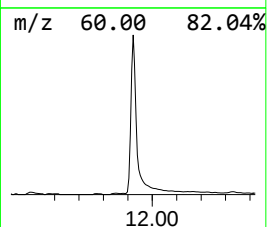
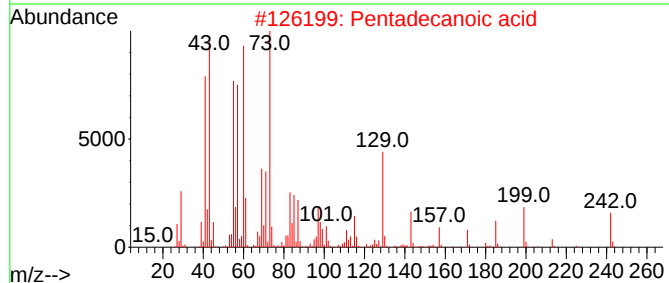
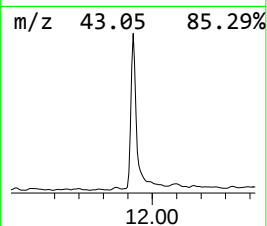
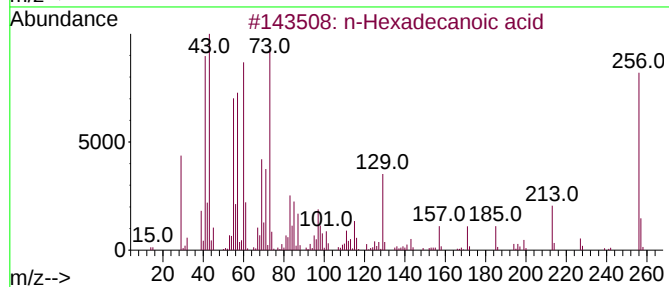
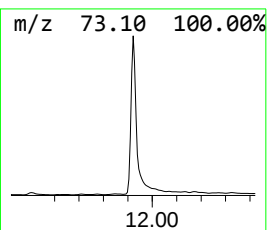
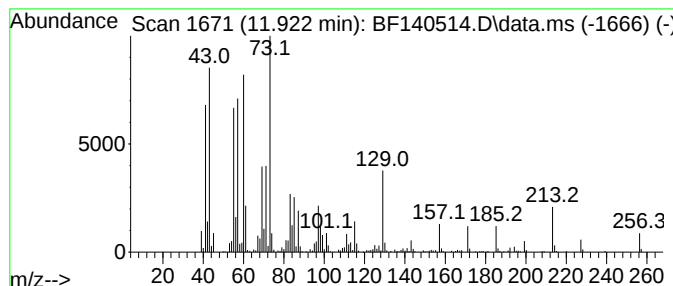
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	20.51 ng	730135	Phenanthrene-d10	11.398

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	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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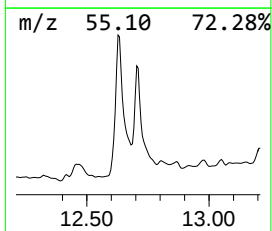
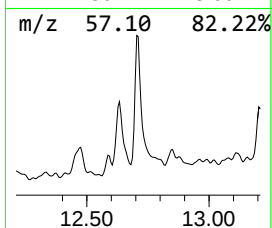
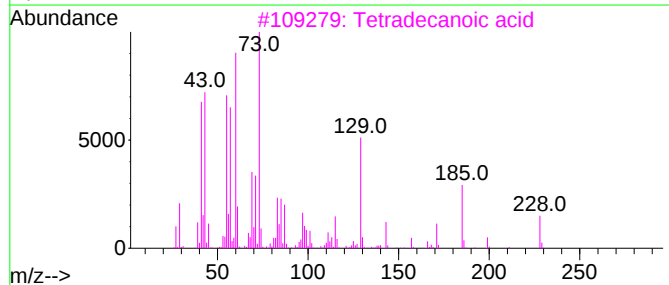
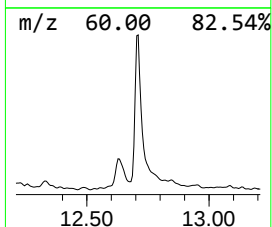
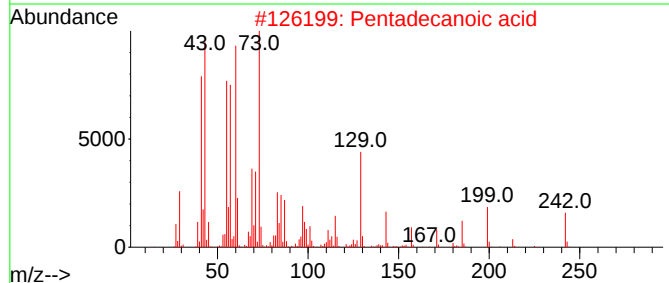
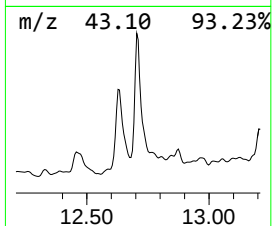
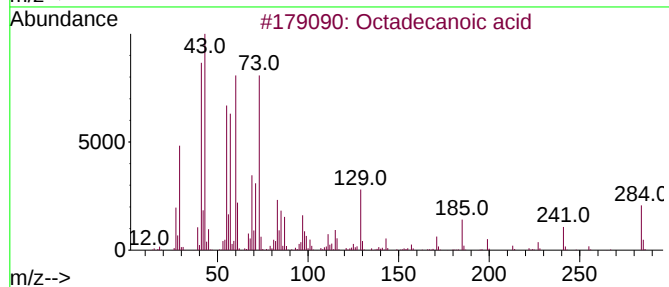
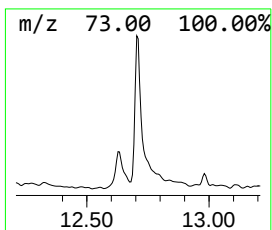
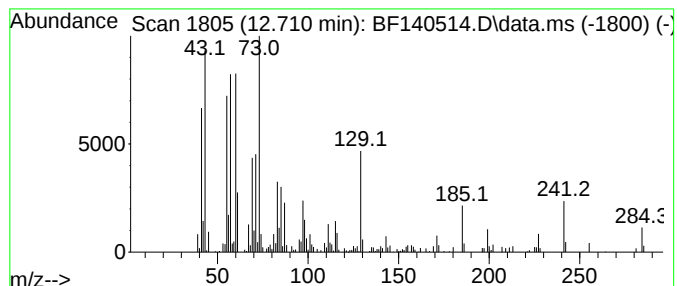
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	7.77 ng	276575	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Hexadecane	226	C16H34	000544-76-3	53



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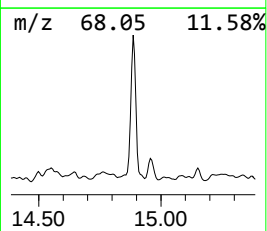
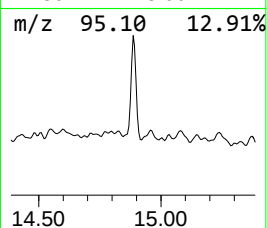
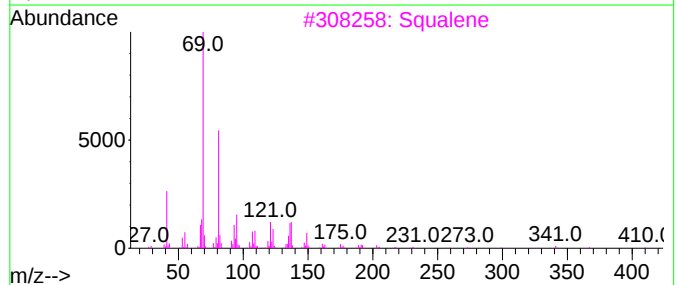
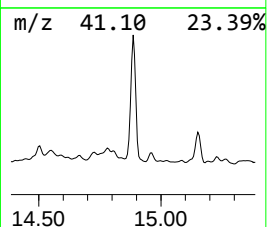
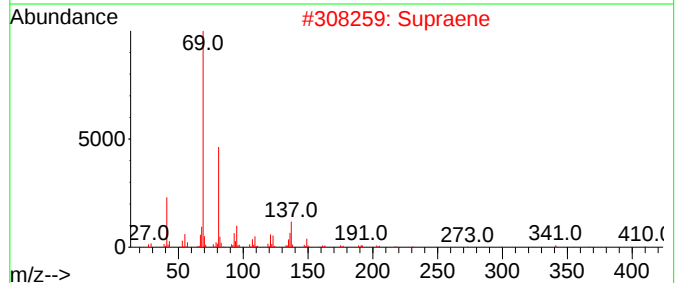
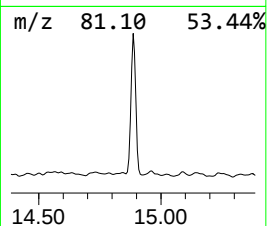
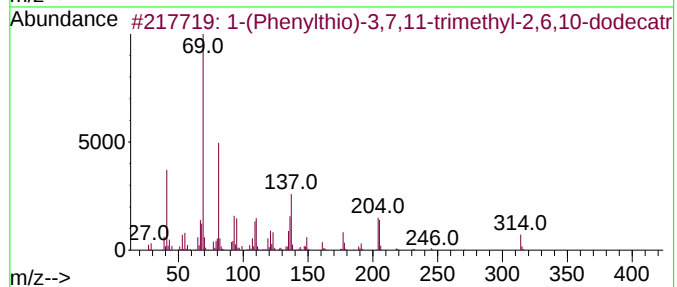
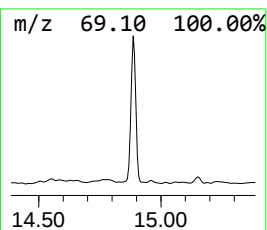
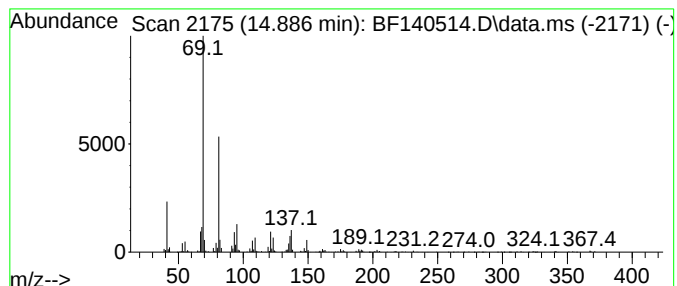
Instrument :
BNA_F
ClientSampleId :
SOIL-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-(Phenylthio)-3,7,11-trime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.886	8.76 ng	245810	Perylene-d12	15.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	91
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	91
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140514.D
Acq On : 20 Nov 2024 21:47
Operator : RC/JU
Sample : P4822-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-5

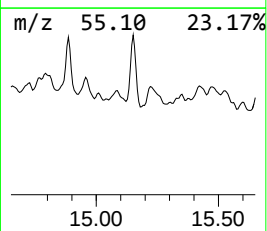
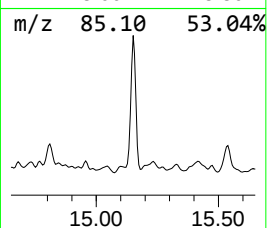
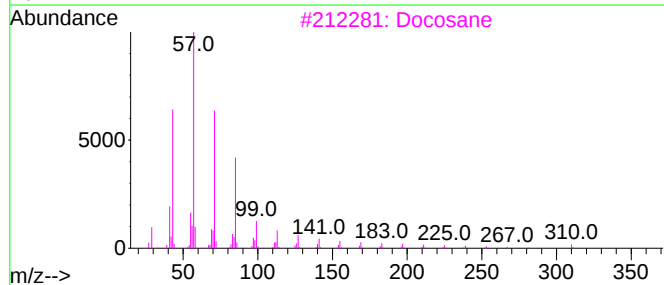
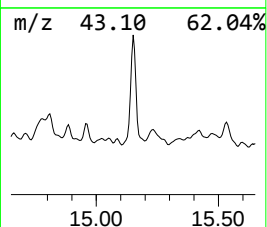
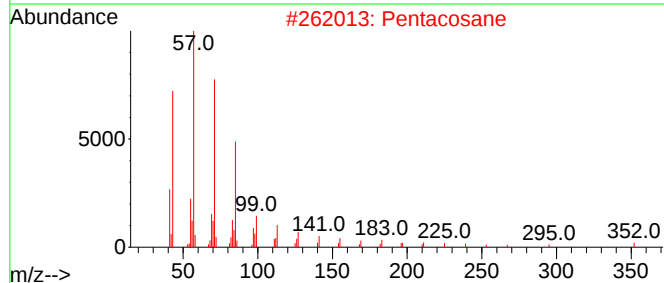
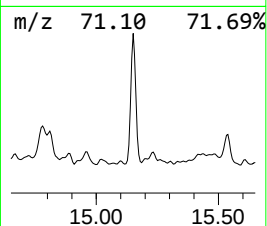
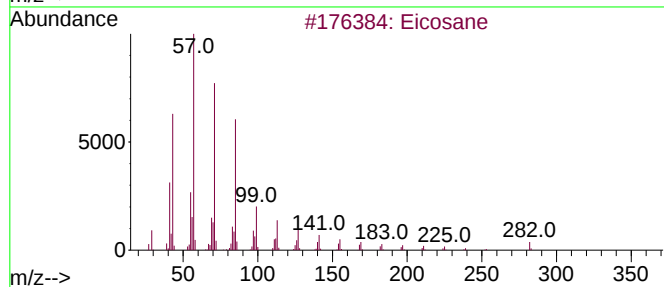
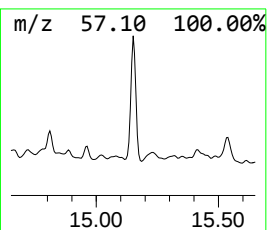
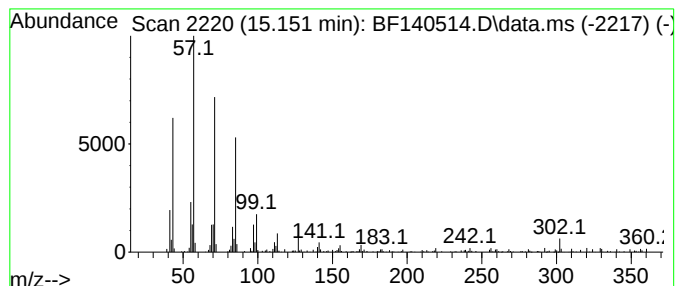
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	3.74 ng	104930	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Pentacosane	352	C25H52	000629-99-2	93
3			Docosane	310	C22H46	000629-97-0	91
4			Heneicosane	296	C21H44	000629-94-7	87
5			4-Methylheneicosane	310	C22H46	025117-29-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140514.D
Acq On : 20 Nov 2024 21:47
Operator : RC/JU
Sample : P4822-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-5

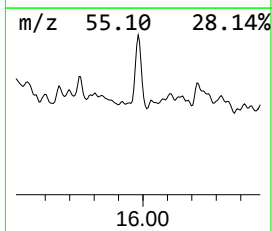
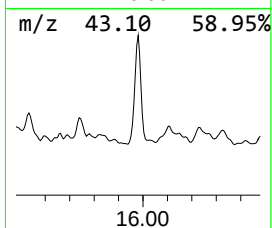
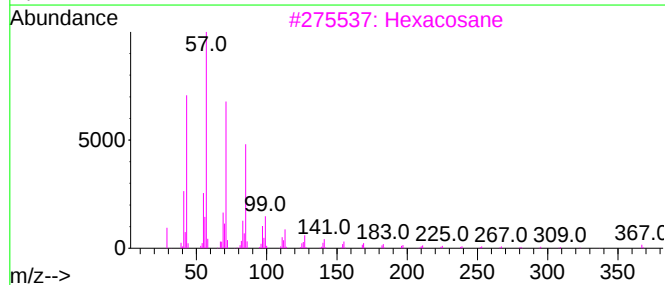
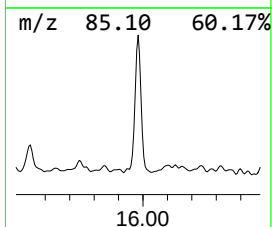
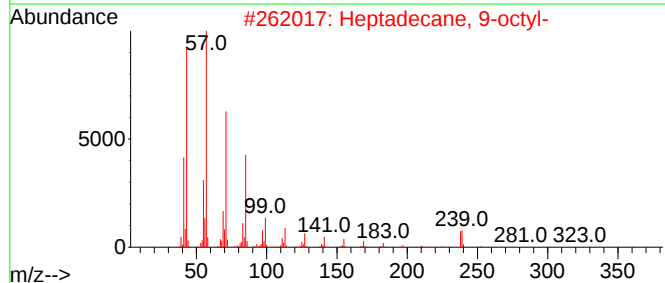
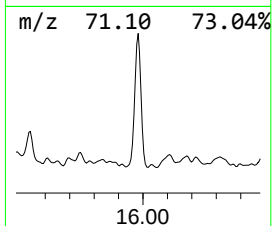
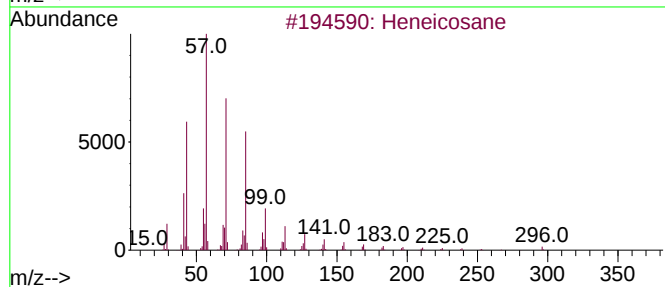
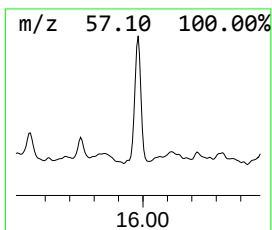
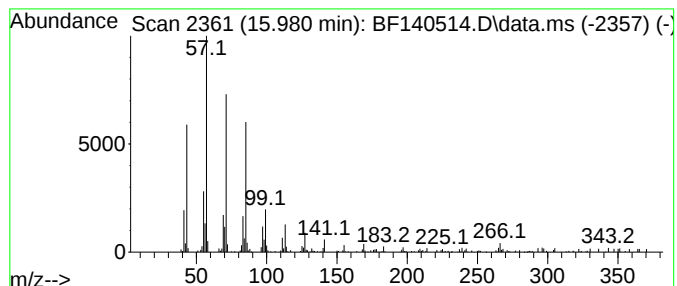
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	4.01 ng	112558	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140514.D
Acq On : 20 Nov 2024 21:47
Operator : RC/JU
Sample : P4822-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.146	33.3	ng	1040760	1	6.875	624307	20.0
Benzophenone	10.622	12.2	ng	426381	3	9.910	696536	20.0
Methanone, (1-h...	10.928	2.2	ng	77508	4	11.398	711886	20.0
n-Hexadecanoic ...	11.922	20.5	ng	730135	4	11.398	711886	20.0
Octadecanoic acid	12.710	7.8	ng	276575	4	11.398	711886	20.0
1-(Phenylthio)-...	14.886	8.8	ng	245810	6	15.527	561117	20.0
Eicosane	15.151	3.7	ng	104930	6	15.527	561117	20.0
Heneicosane	15.980	4.0	ng	112558	6	15.527	561117	20.0