

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107181.D
 Acq On : 6 Jul 2018 19:00
 Operator : JU/SJ
 Sample : J3852-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.189	481	485	506	rVB	170486	221405	16.23%	1.631%
2	5.589	549	553	580	rVB	1216305	1318630	96.64%	9.716%
3	6.595	718	724	741	rBV	1240458	1364411	100.00%	10.053%
4	6.725	741	746	753	rBV	1455028	1326864	97.25%	9.776%
5	6.942	779	783	789	rBV	445488	381439	27.96%	2.810%
6	7.101	805	810	822	rBB	1168836	1047271	76.76%	7.716%
7	7.513	874	880	894	rBV	886614	864818	63.38%	6.372%
8	8.230	996	1002	1027	rBB	459188	474559	34.78%	3.497%
9	9.301	1178	1184	1192	rBV	1461384	1307090	95.80%	9.631%
10	9.695	1246	1251	1263	rBB	343741	290096	21.26%	2.137%
11	9.989	1295	1301	1309	rVB	496920	465175	34.09%	3.427%
12	10.783	1431	1436	1447	rBV	805735	750709	55.02%	5.531%
13	11.483	1549	1555	1561	rBV	423345	407424	29.86%	3.002%
14	13.065	1818	1824	1853	rBV	1168053	1092854	80.10%	8.052%
15	13.265	1853	1858	1913	rBV3	14455	60151	4.41%	0.443%
16	13.607	1913	1916	1969	rBV5	14883	79514	5.83%	0.586%
17	13.942	1969	1973	2000	rVV2	100910	144779	10.61%	1.067%
18	14.136	2000	2006	2016	rBV	505505	518419	38.00%	3.820%
19	14.254	2023	2026	2075	rBV	24085	138374	10.14%	1.020%
20	14.565	2075	2079	2129	rVV2	31371	144412	10.58%	1.064%
21	15.665	2261	2266	2334	rVB	299019	390783	28.64%	2.879%
22	16.083	2334	2337	2828	rVB	27354	783171	57.40%	5.770%

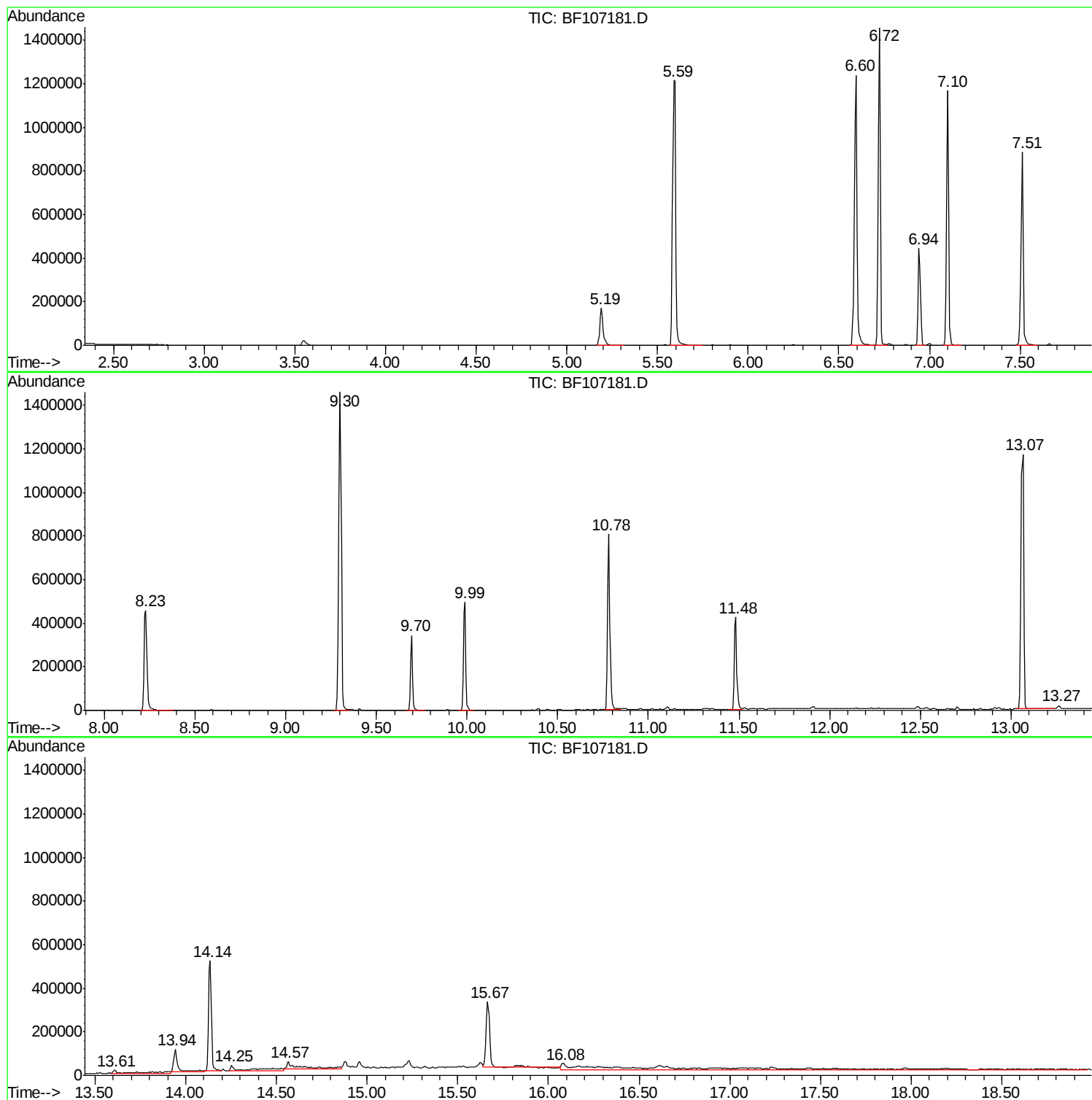
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P



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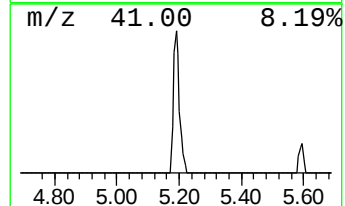
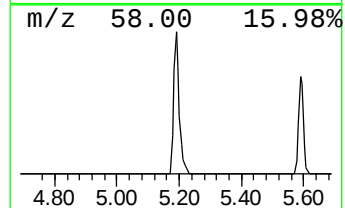
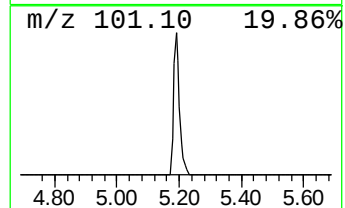
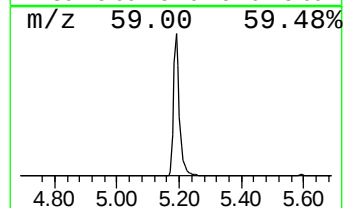
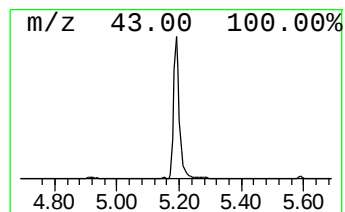
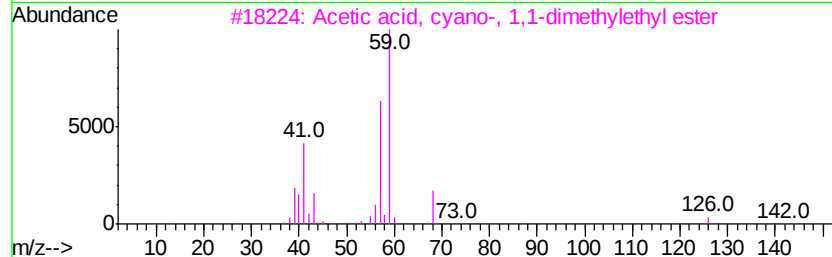
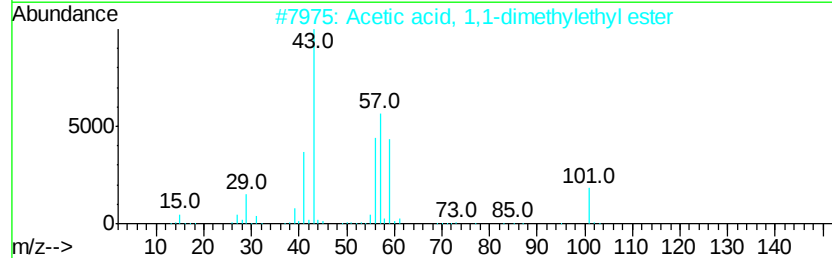
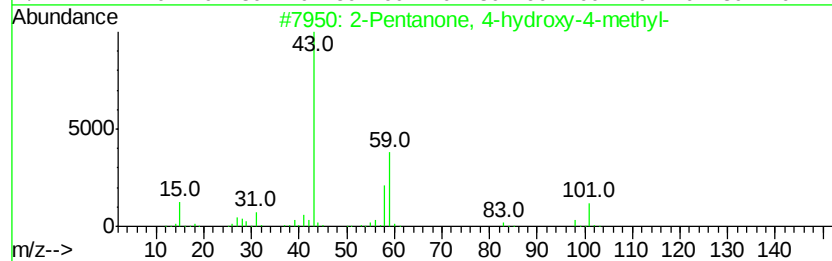
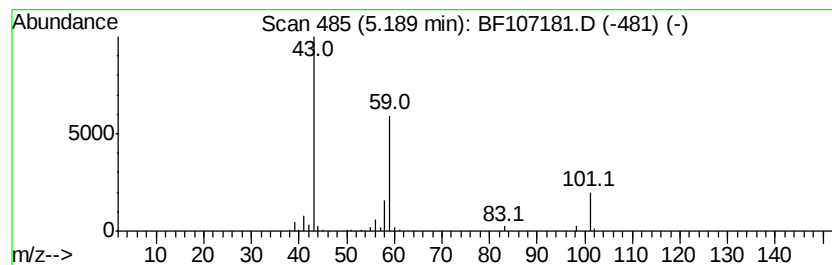
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	11.61 ng	221405	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
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	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Guanidine	59	CH5N3	000113-00-8	9



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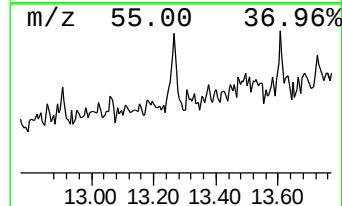
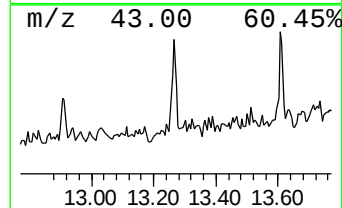
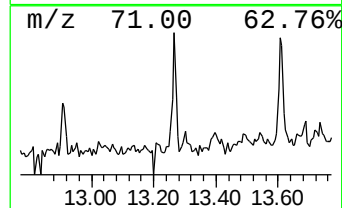
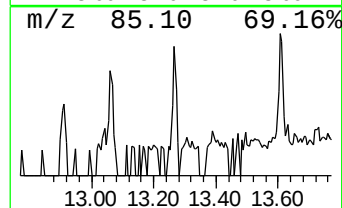
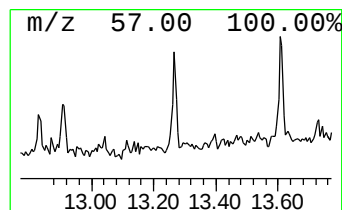
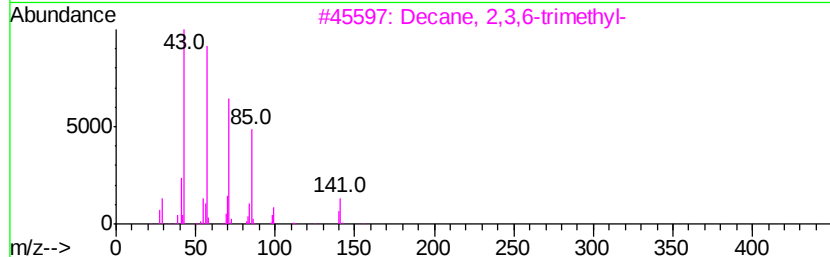
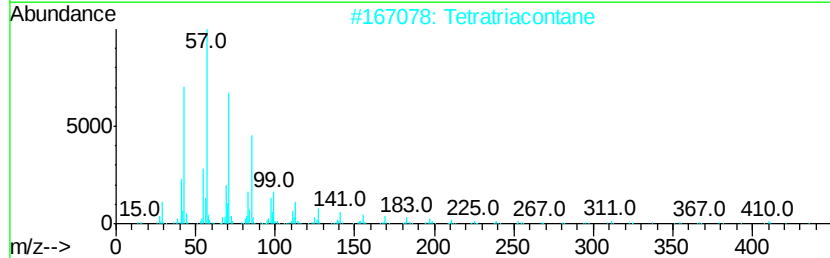
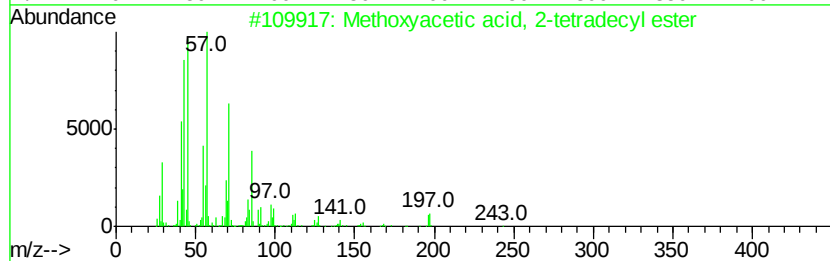
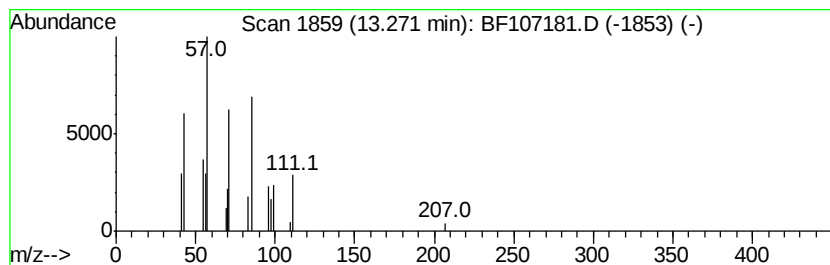
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 2 Methoxyacetic acid, 2-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.32 ng	60151	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxyvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
2		Tetratriacontane	479	C34H70	014167-59-0	72
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
4		Octacosane	394	C28H58	000630-02-4	59
5		Heneicosane	296	C21H44	000629-94-7	59



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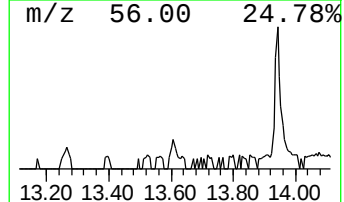
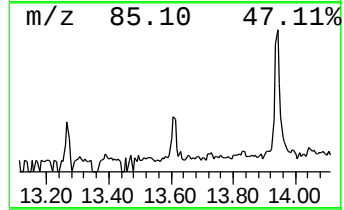
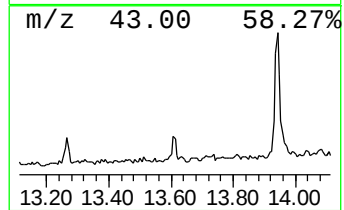
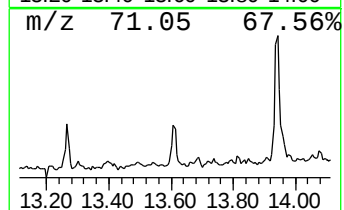
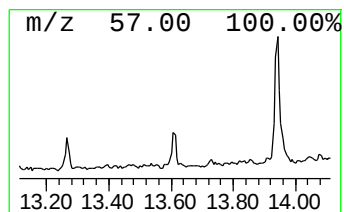
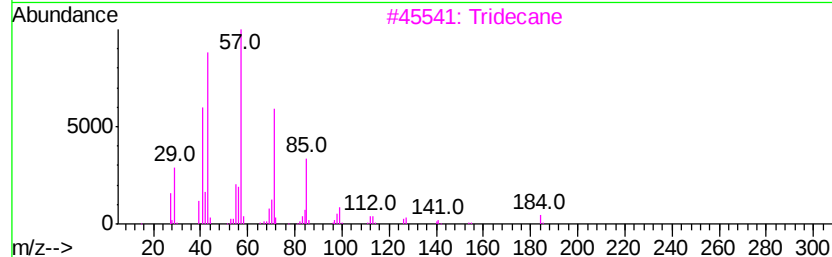
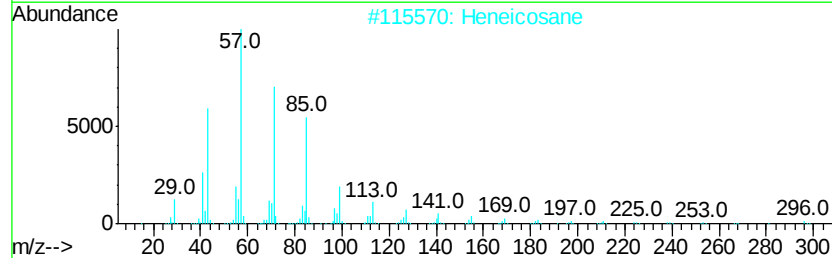
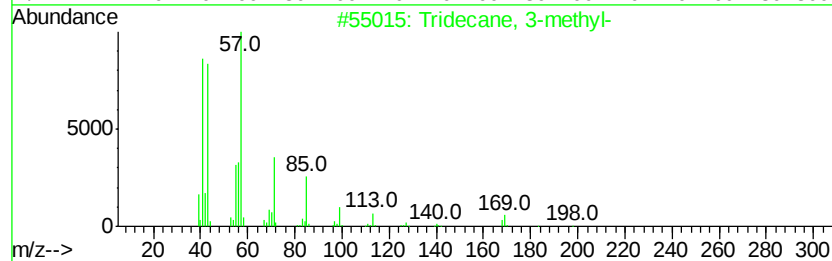
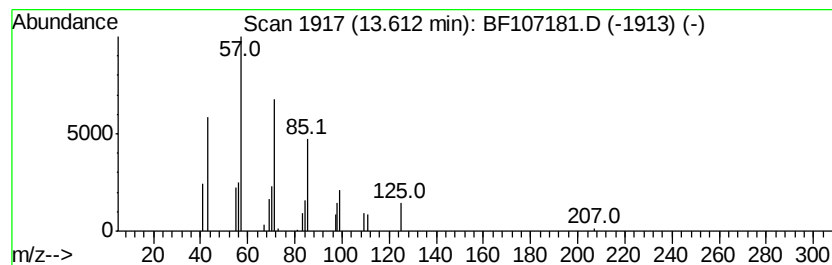
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Peak Number 3 Tridecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.07 ng	79514	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2		Heneicosane	296	C21H44	000629-94-7	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Dodecane	170	C12H26	000112-40-3	64
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64



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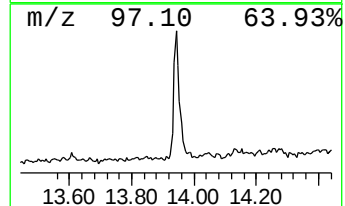
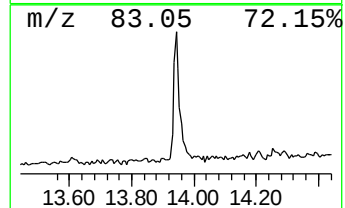
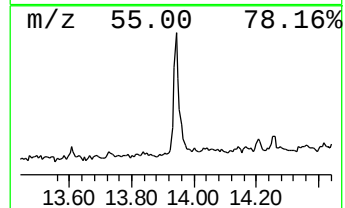
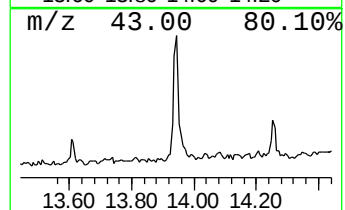
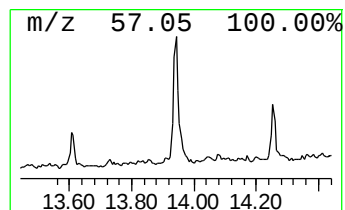
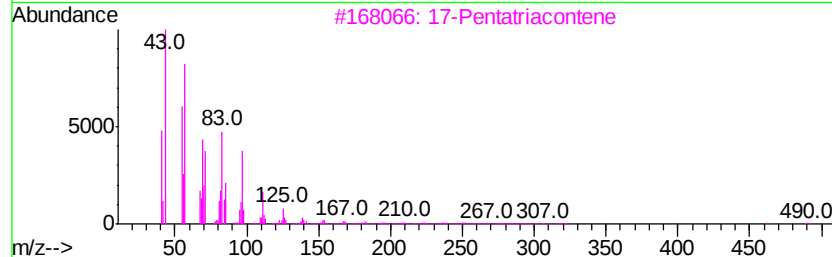
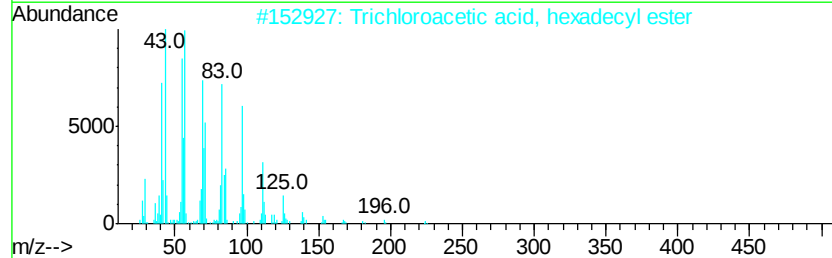
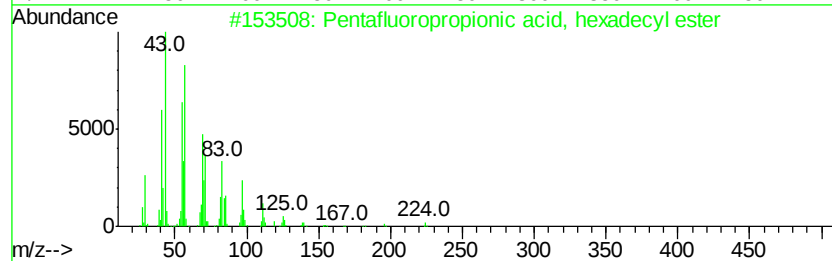
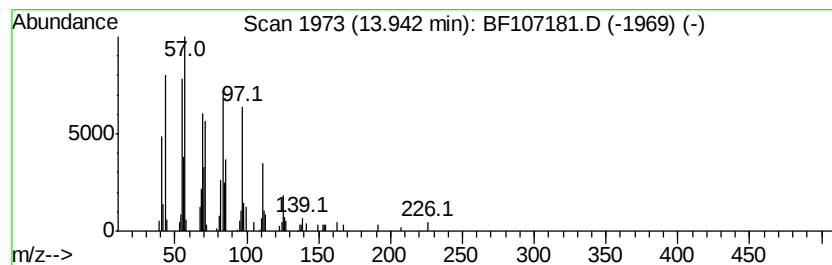
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Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.59 ng	144779	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3			17-Pentatriacontene	491	C35H70	006971-40-0	87
4			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83



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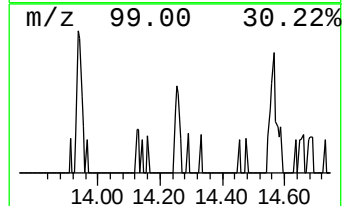
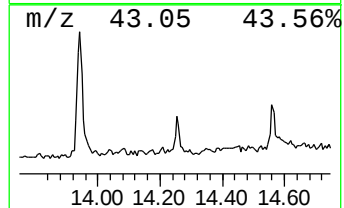
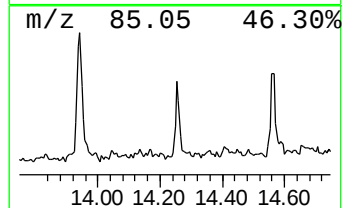
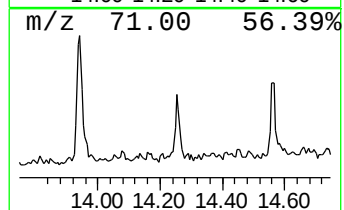
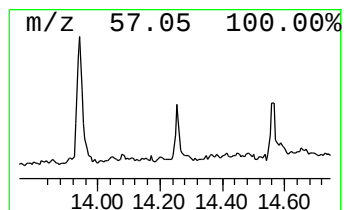
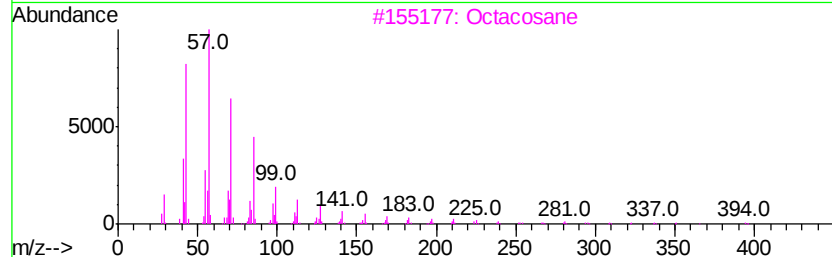
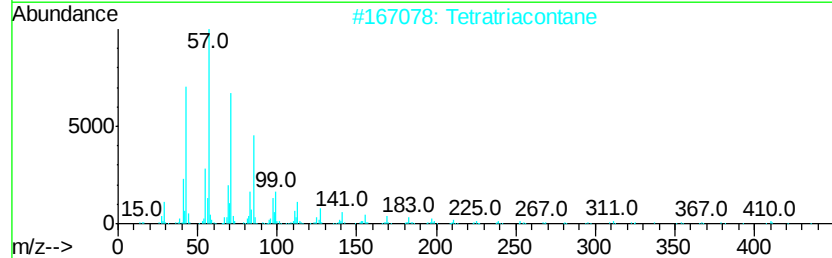
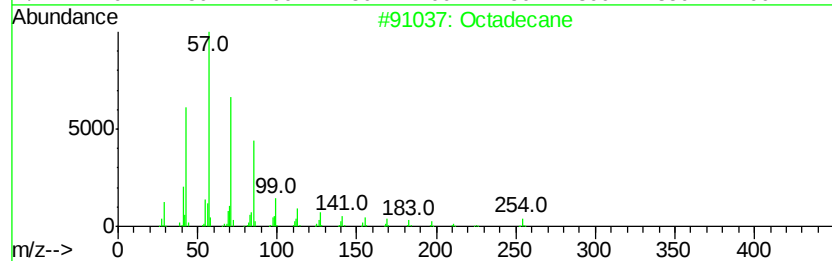
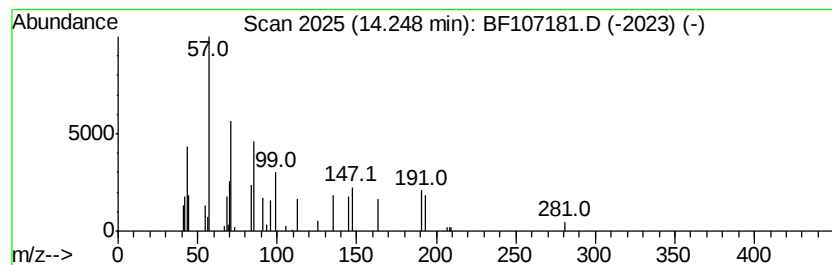
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 5 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	5.34 ng	138374	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	86
2		Tetratriacontane	479	C34H70	014167-59-0	86
3		Octacosane	394	C28H58	000630-02-4	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptadecane	240	C17H36	000629-78-7	80



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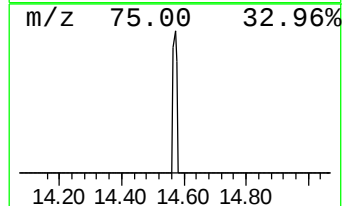
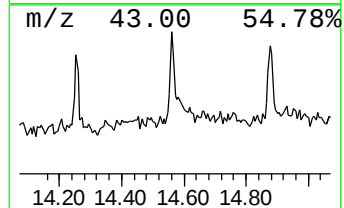
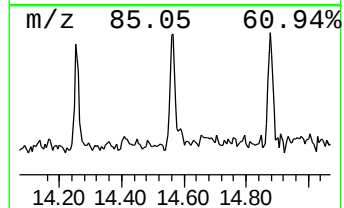
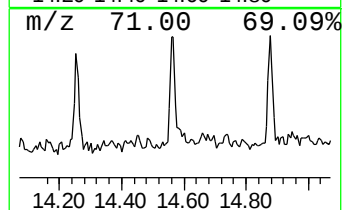
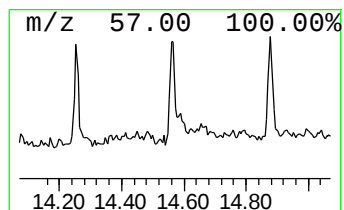
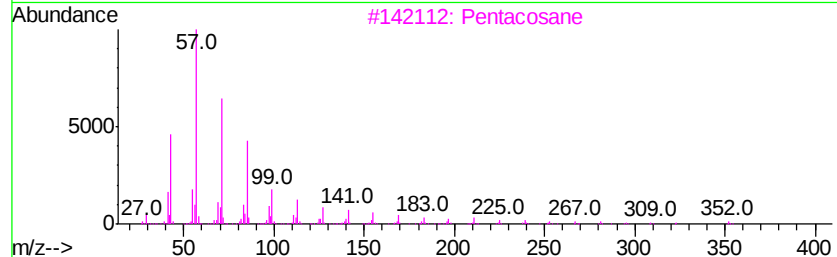
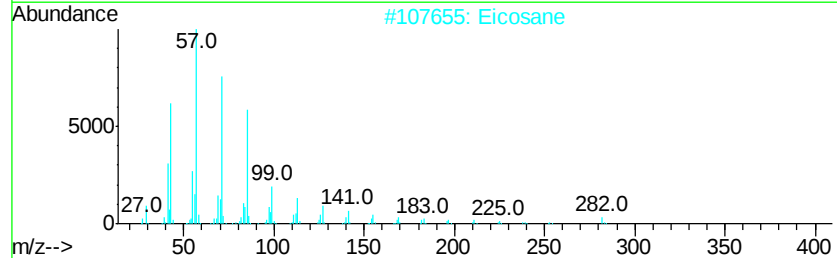
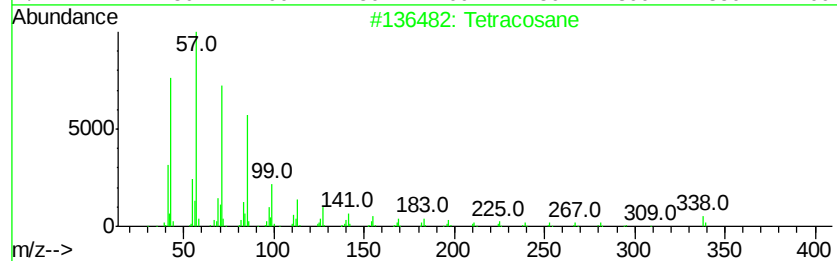
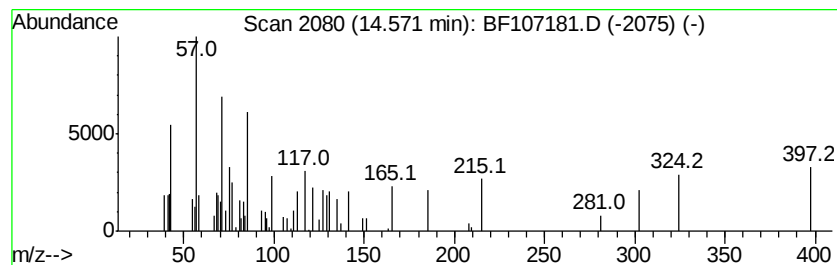
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.57 ng	144412	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	80
2		Eicosane	282	C20H42	000112-95-8	80
3		Pentacosane	352	C25H52	000629-99-2	80
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Tetratriacontane	479	C34H70	014167-59-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107181.D
Acq On : 6 Jul 2018 19:00
Operator : JU/SJ
Sample : J3852-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

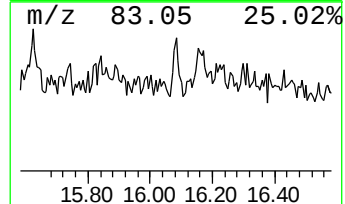
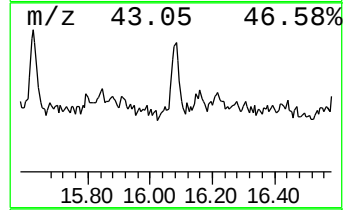
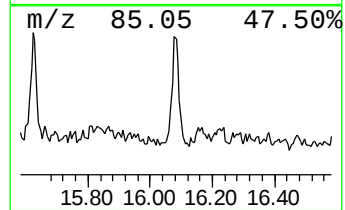
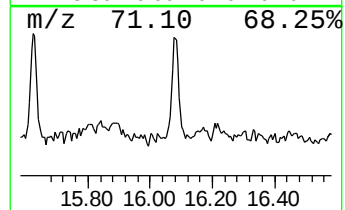
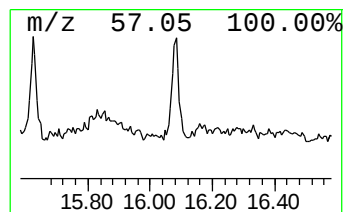
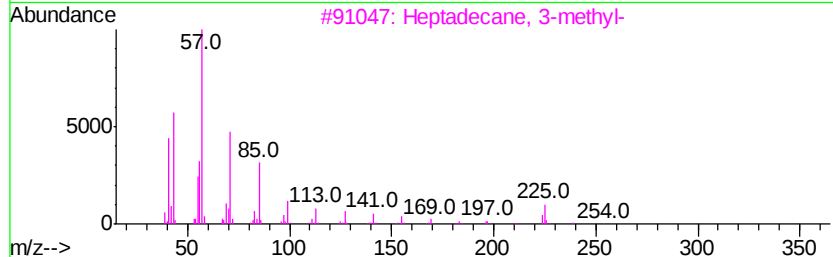
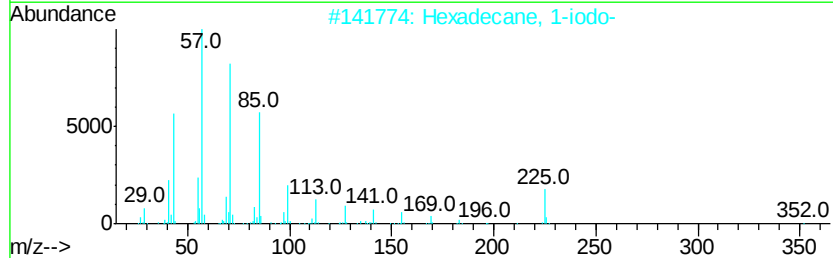
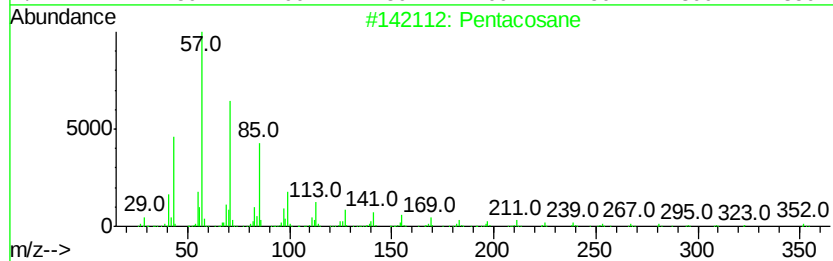
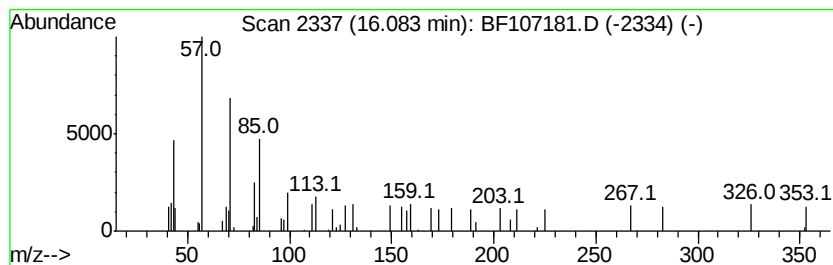
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 7 Pentacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	40.08 ng	783171	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	60
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	50
3		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	50
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
5		Tetratetracontane	619	C44H90	007098-22-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107181.D
Acq On : 6 Jul 2018 19:00
Operator : JU/SJ
Sample : J3852-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-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\NIST02.L
TIC Integration Parameters: RTEINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	11.6	ng	221405	1	6.94	381439	20.0
Methoxyacetic aci...	13.27	2.3	ng	60151	5	14.14	518419	20.0
Tridecane, 3-methyl-	13.61	3.1	ng	79514	5	14.14	518419	20.0
Pentafluoropropio...	13.94	5.6	ng	144779	5	14.14	518419	20.0
Octadecane	14.25	5.3	ng	138374	5	14.14	518419	20.0
Tetracosane	14.57	5.6	ng	144412	5	14.14	518419	20.0
Pentacosane	16.08	40.1	ng	783171	6	15.67	390783	20.0