

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107627.D
 Acq On : 24 Jul 2018 18:58
 Operator : JU/SJ
 Sample : J4119-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GB-SOIL-PILE

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-BF072018.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	5.213	484	489	504	rBV	553018	853037	15.59%	1.710%
2	5.607	552	556	584	rBV	3758518	5275404	96.40%	10.572%
3	6.607	721	726	745	rBV	3749627	5364822	98.04%	10.751%
4	6.742	745	749	772	rVB	4622870	5472319	100.00%	10.967%
5	6.966	784	787	807	rVB	1259222	1565467	28.61%	3.137%
6	7.125	810	814	834	rBV	3959601	4122141	75.33%	8.261%
7	7.531	879	883	907	rBV	2578995	3426826	62.62%	6.867%
8	8.248	1001	1005	1017	rBV	1801268	1936649	35.39%	3.881%
9	9.325	1183	1188	1197	rBV	5436417	5387138	98.44%	10.796%
10	9.713	1250	1254	1261	rBV	517973	483094	8.83%	0.968%
11	10.007	1300	1304	1317	rVB	1903903	1918286	35.05%	3.844%
12	10.801	1435	1439	1453	rBV	2730131	3057366	55.87%	6.127%
13	10.907	1453	1457	1465	rVB2	76435	142317	2.60%	0.285%
14	11.501	1554	1558	1567	rBV	1666314	1780510	32.54%	3.568%
15	12.007	1641	1644	1649	rBV	240348	258948	4.73%	0.519%
16	12.795	1776	1778	1785	rBV3	53584	77729	1.42%	0.156%
17	13.089	1823	1828	1840	rBV	4013549	4222536	77.16%	8.462%
18	13.636	1918	1921	1924	rBV	111610	106328	1.94%	0.213%
19	13.966	1974	1977	1982	rVB	343143	327320	5.98%	0.656%
20	14.154	2005	2009	2017	rBV	1492437	1558489	28.48%	3.123%
21	14.283	2028	2031	2035	rBV	184052	166465	3.04%	0.334%
22	14.589	2080	2083	2090	rVB	241788	255772	4.67%	0.513%
23	14.913	2135	2138	2141	rVB	181340	184697	3.38%	0.370%
24	14.989	2149	2151	2155	rVB	180094	184161	3.37%	0.369%
25	15.265	2195	2198	2205	rVB	224062	275329	5.03%	0.552%
26	15.683	2264	2269	2275	rBV	784274	1266816	23.15%	2.539%
27	16.130	2342	2345	2352	rVB	153907	229411	4.19%	0.460%

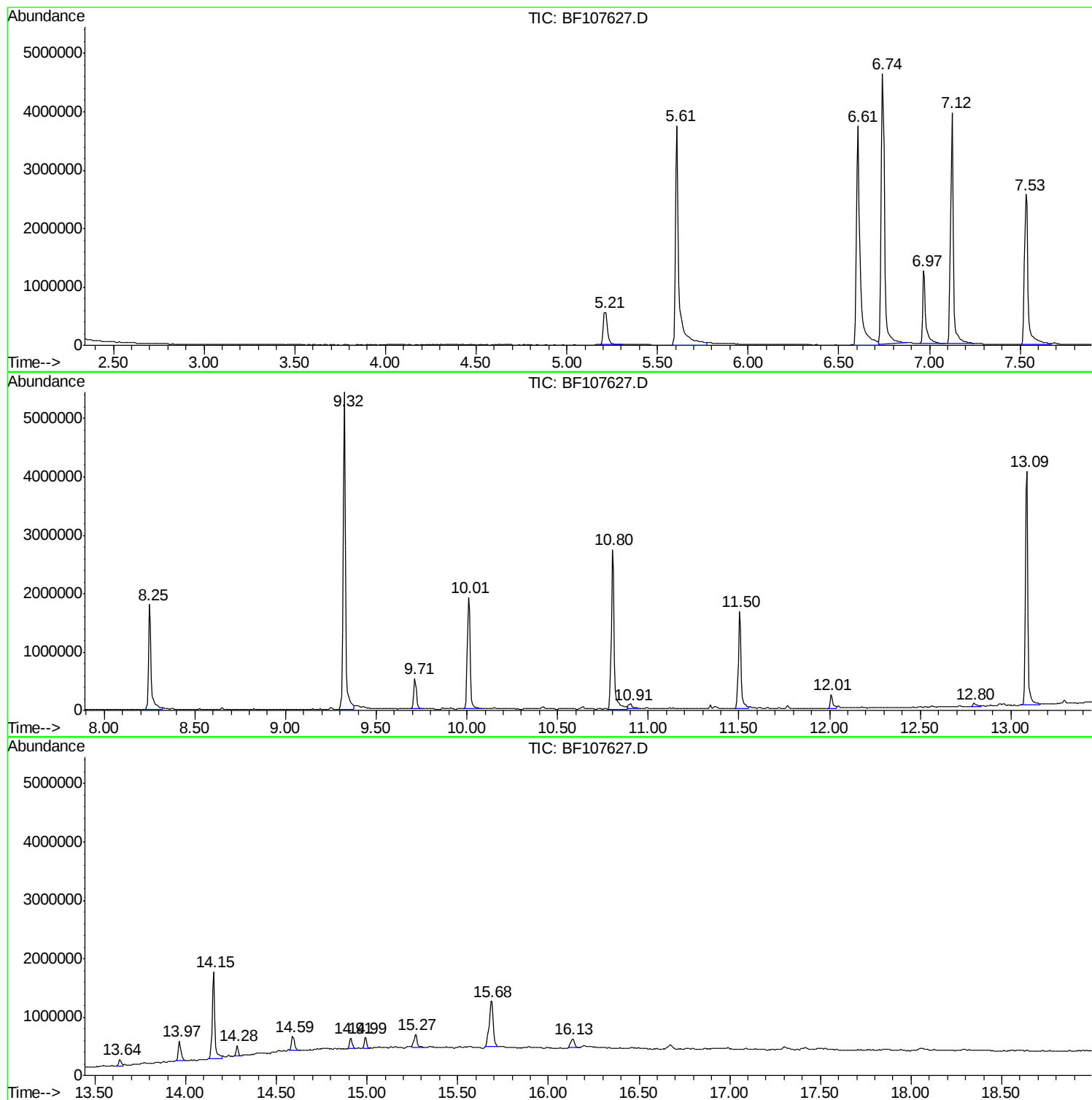
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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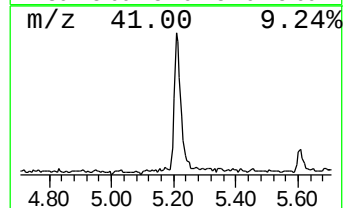
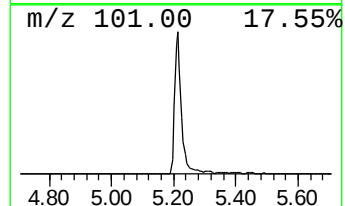
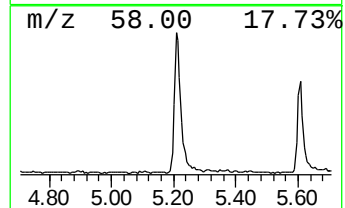
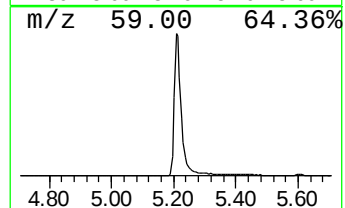
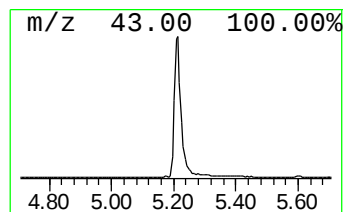
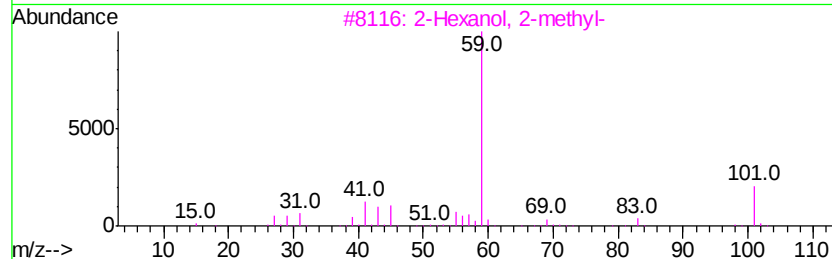
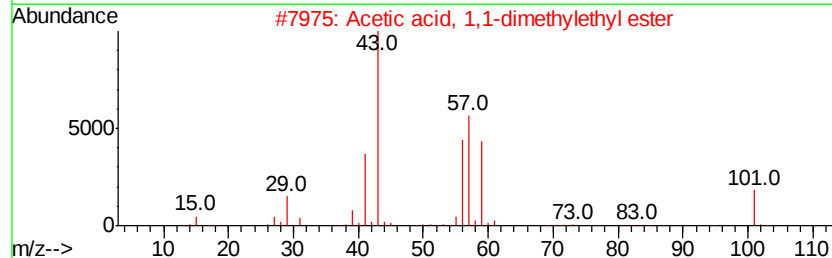
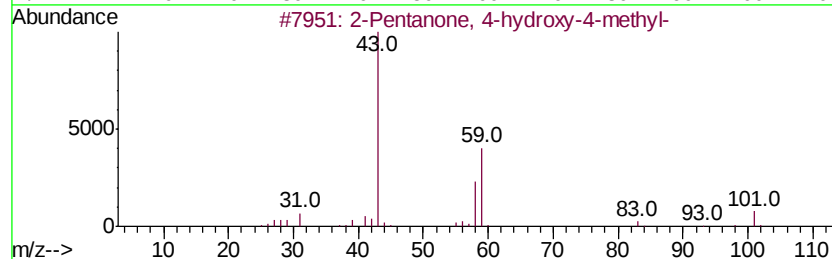
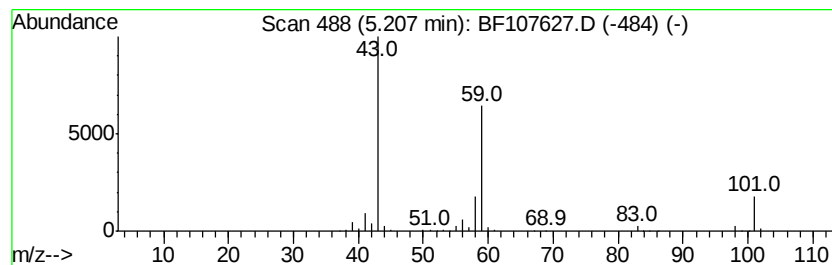
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	10.90 ng	853037	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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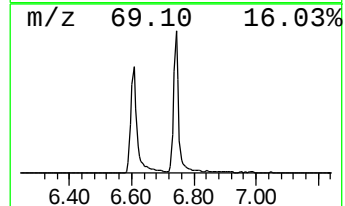
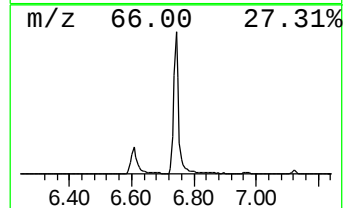
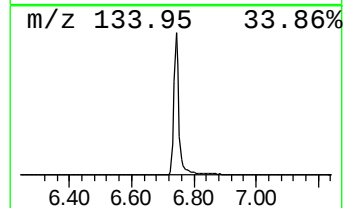
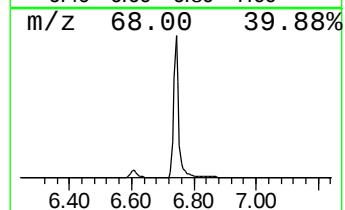
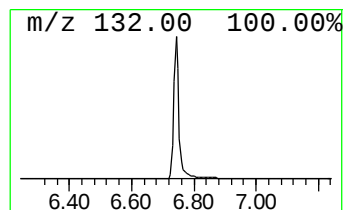
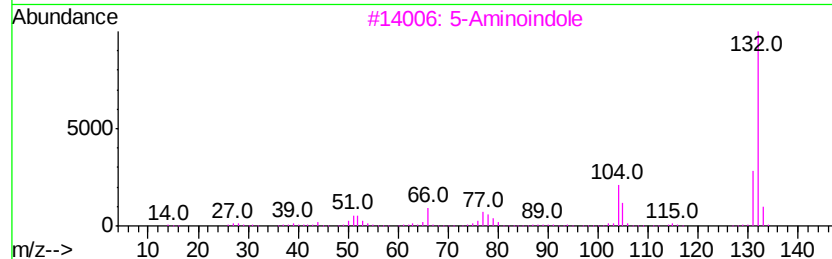
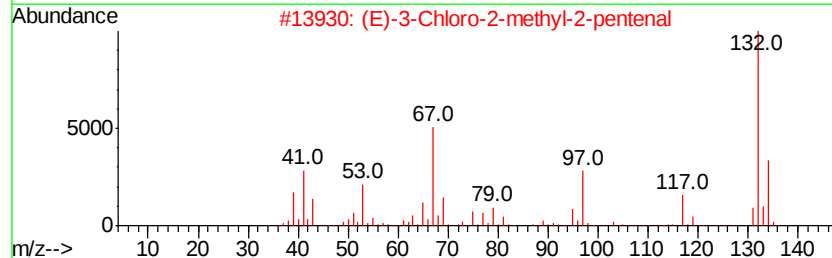
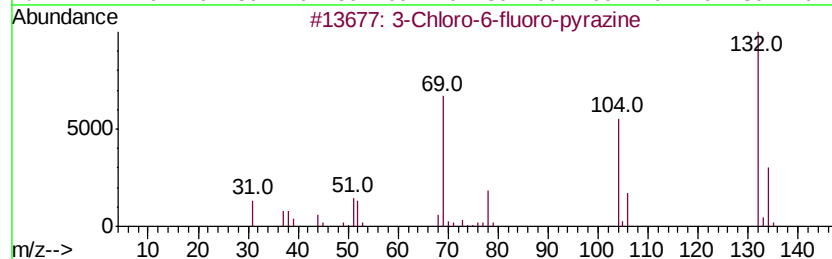
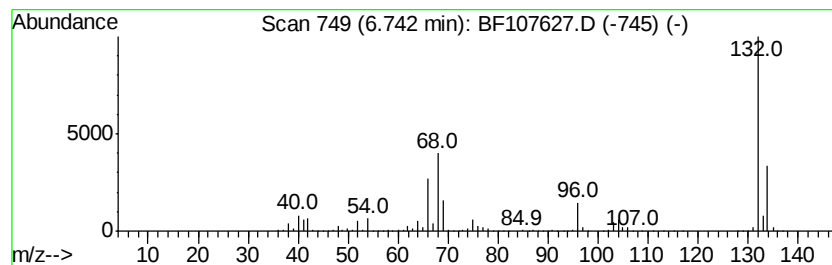
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Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	69.91 ng	5472320	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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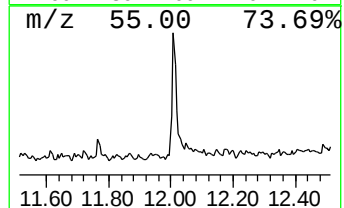
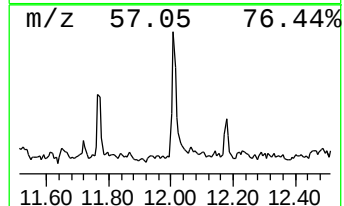
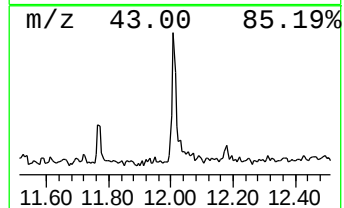
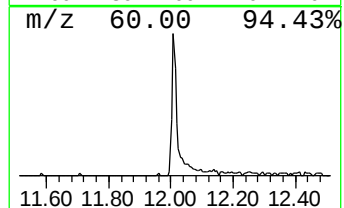
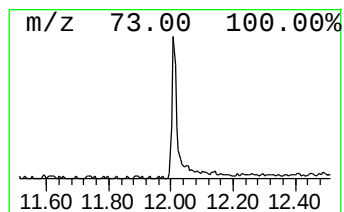
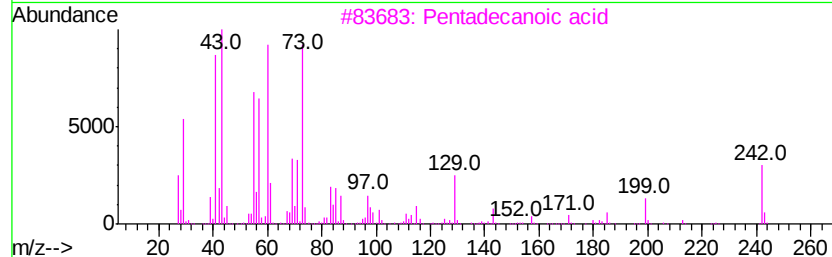
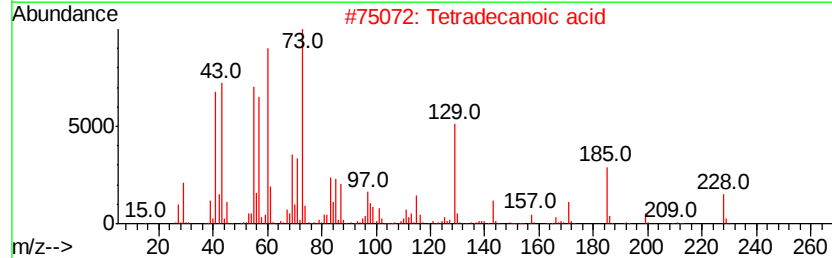
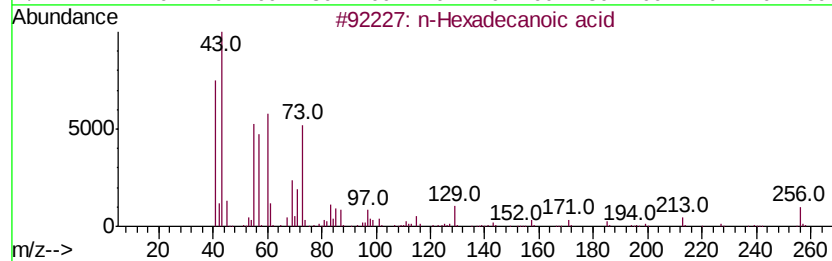
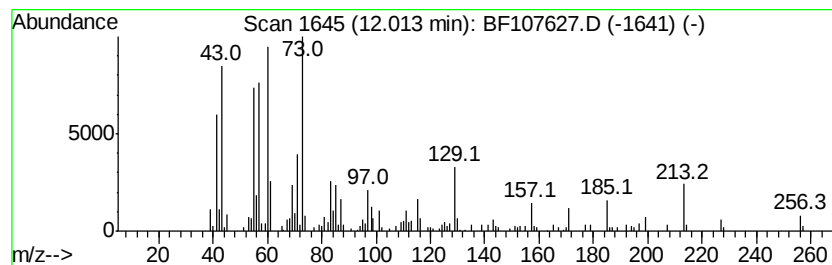
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.91 ng	258948	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	68



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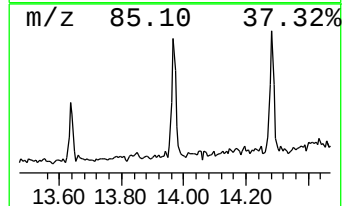
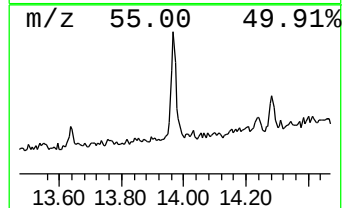
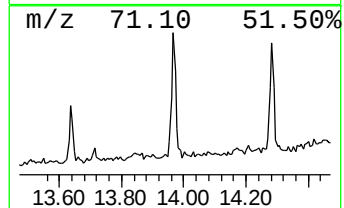
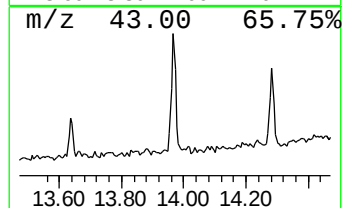
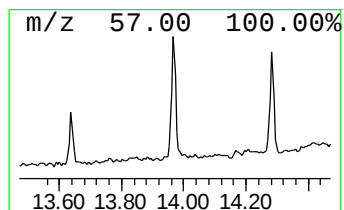
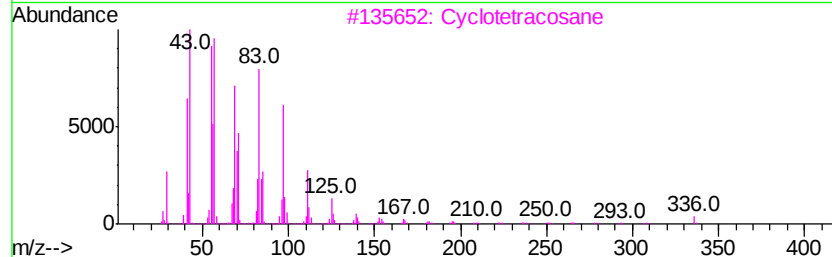
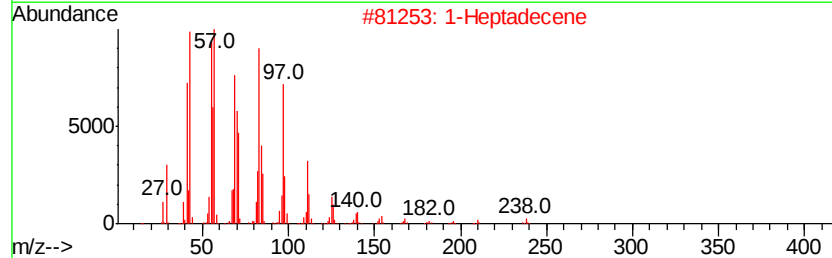
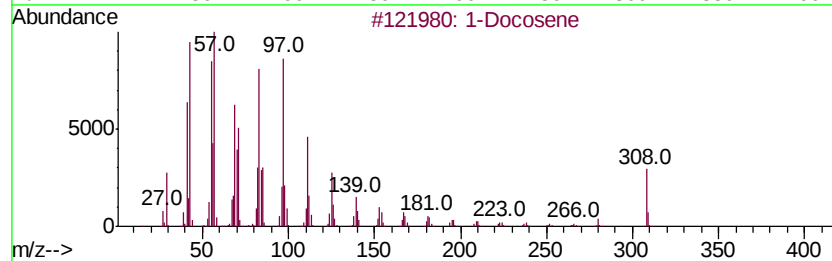
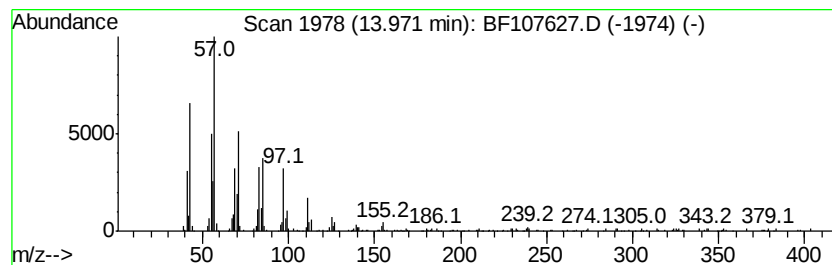
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Peak Number 5 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.20 ng	327320	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	1-Heptadecene		238	C17H34	006765-39-5	90
3	Cyclotetracosane		336	C24H48	000297-03-0	70
4	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	60
5	Tetradecane, 1-chloro-		232	C14H29Cl	002425-54-9	58



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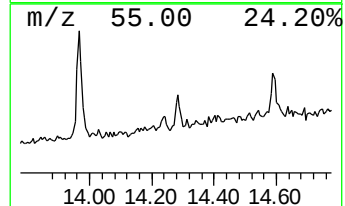
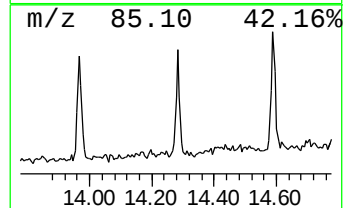
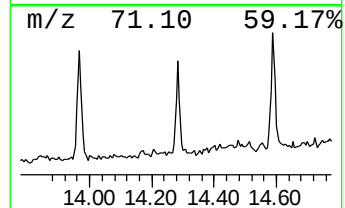
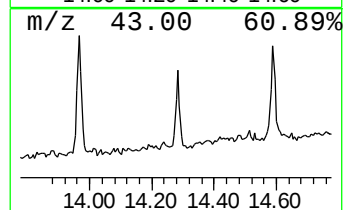
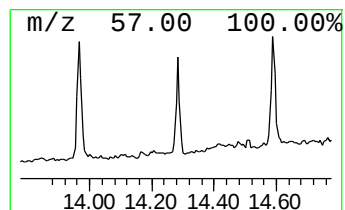
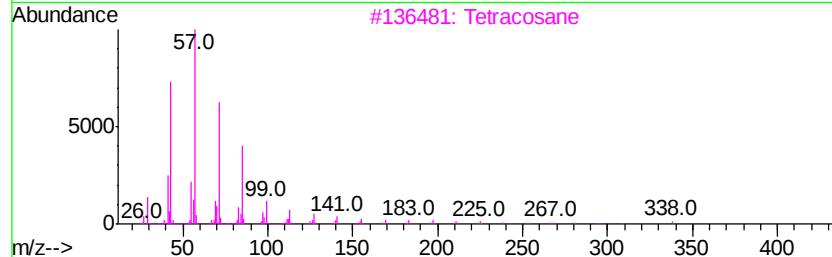
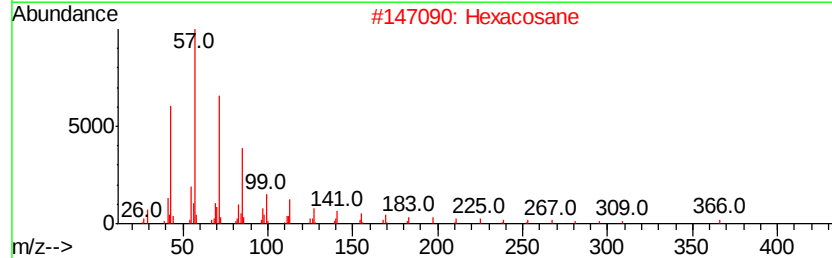
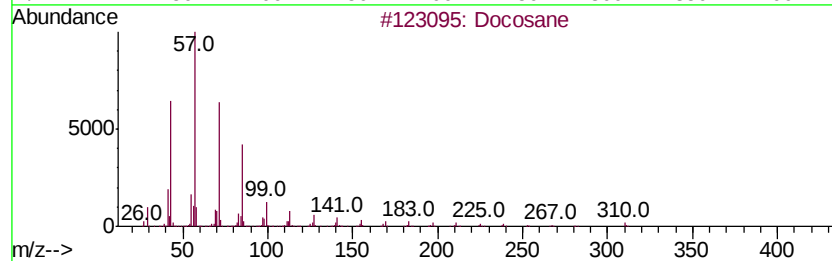
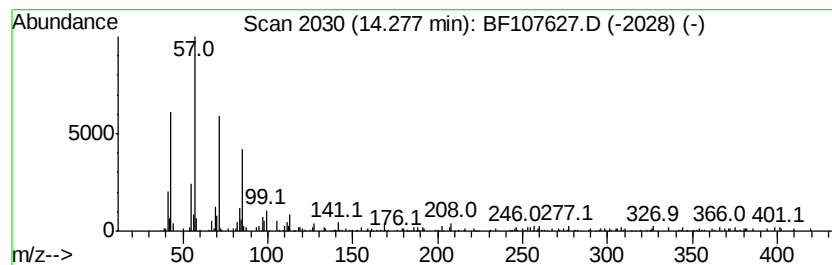
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Peak Number 6 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.14 ng	166465	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	93
2	Hexacosane		366	C26H54	000630-01-3	89
3	Tetracosane		338	C24H50	000646-31-1	87
4	Heneicosane		296	C21H44	000629-94-7	81
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	78



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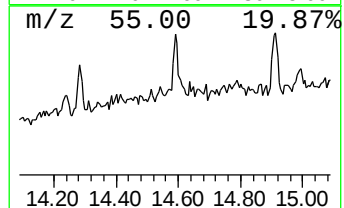
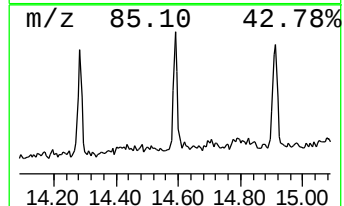
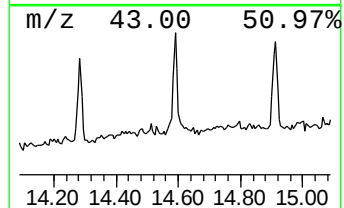
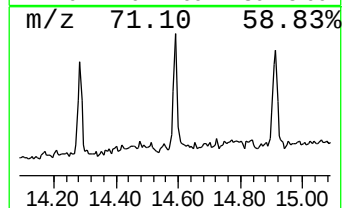
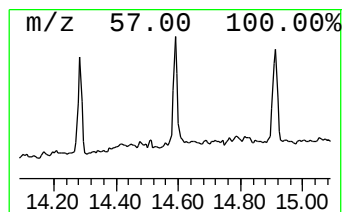
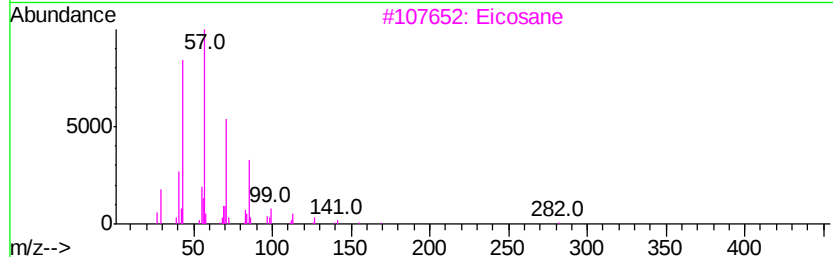
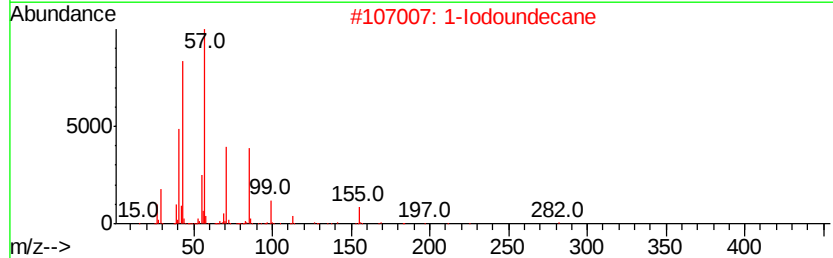
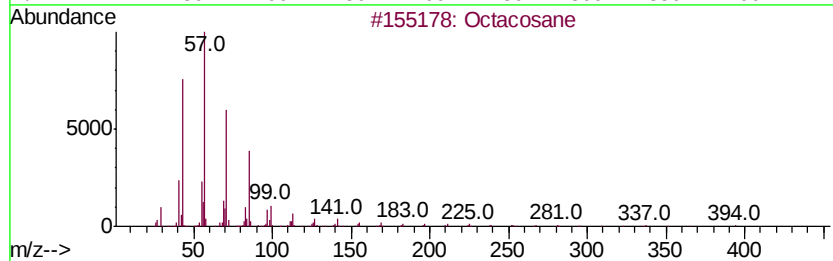
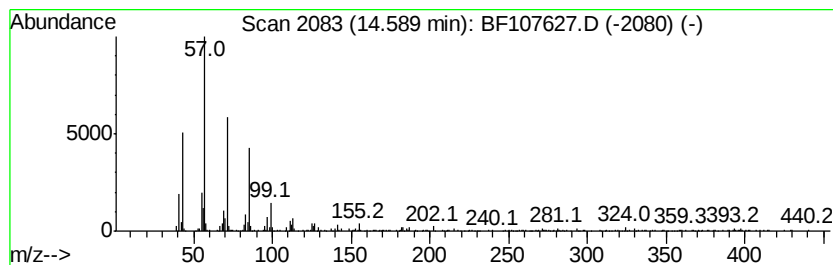
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.28 ng	255772	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	93
2	1-Iodoundecane		282	C11H23I	004282-44-4	87
3	Eicosane		282	C20H42	000112-95-8	87
4	Tricosane		324	C23H48	000638-67-5	83
5	Heptacosane		380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107627.D
Acq On : 24 Jul 2018 18:58
Operator : JU/SJ
Sample : J4119-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

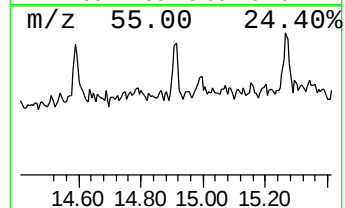
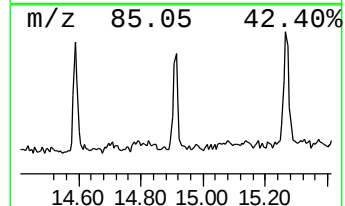
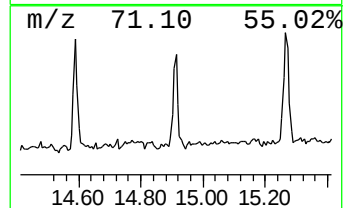
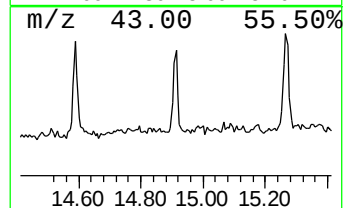
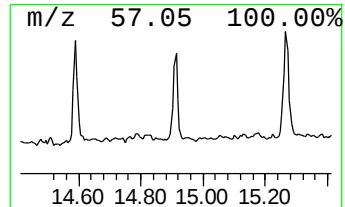
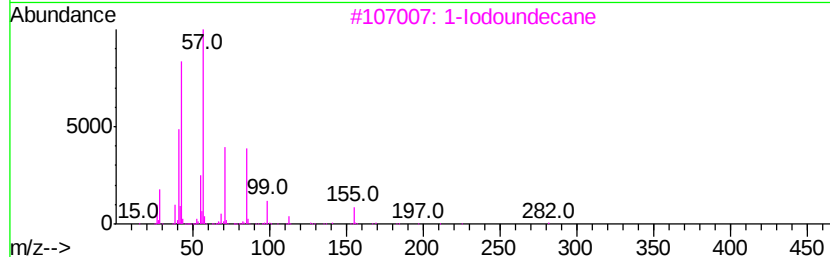
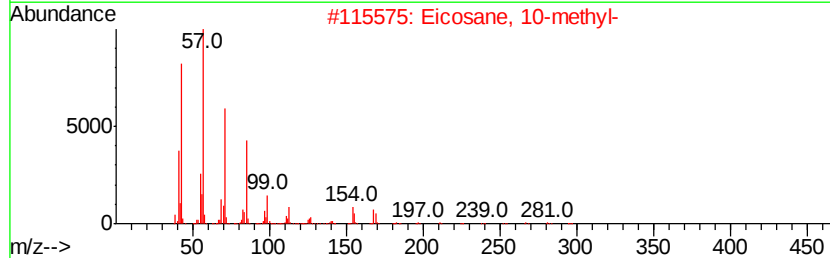
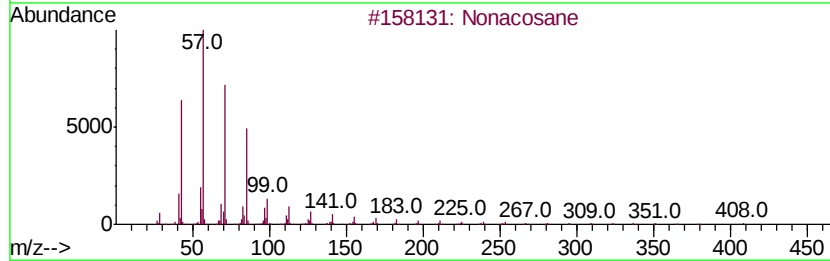
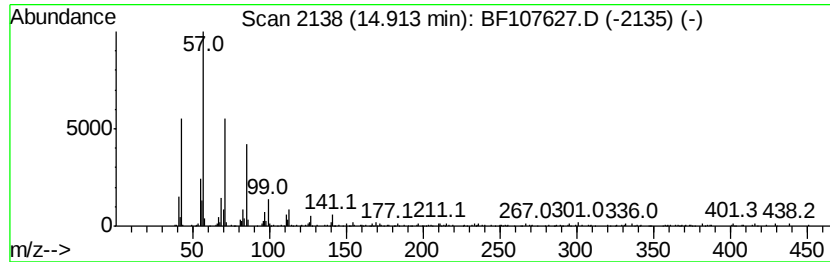
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.37 ng	184697	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane		408	C29H60	000630-03-5	93
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	90
3	1-Iodoundecane		282	C11H23I	004282-44-4	87
4	Hexacosane		366	C26H54	000630-01-3	87
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107627.D
Acq On : 24 Jul 2018 18:58
Operator : JU/SJ
Sample : J4119-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

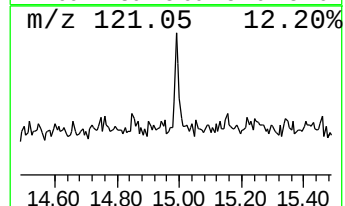
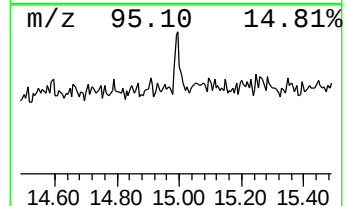
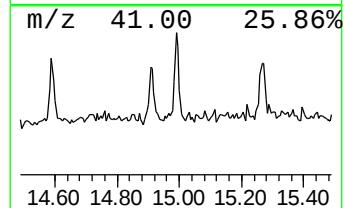
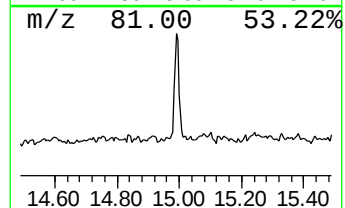
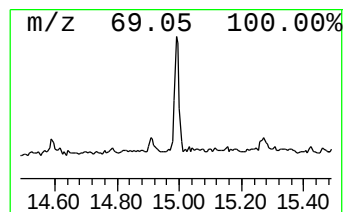
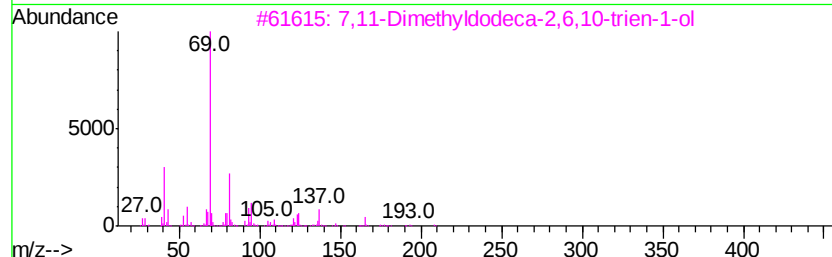
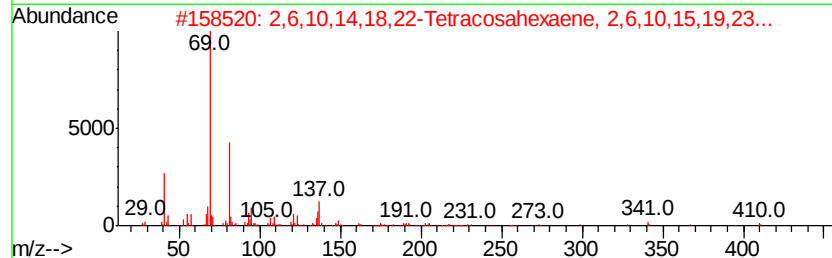
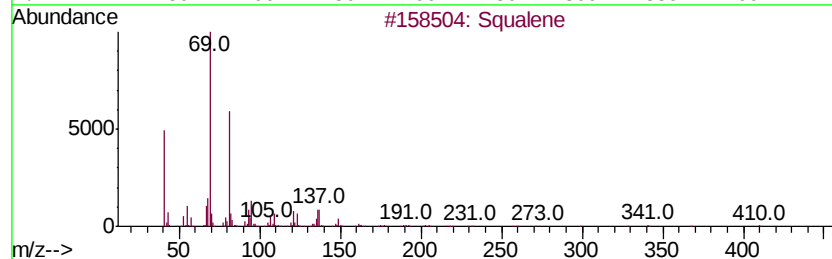
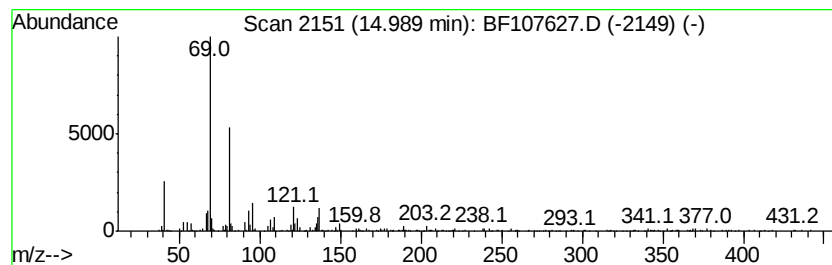
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.91 ng	184161	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	87
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107627.D
Acq On : 24 Jul 2018 18:58
Operator : JU/SJ
Sample : J4119-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

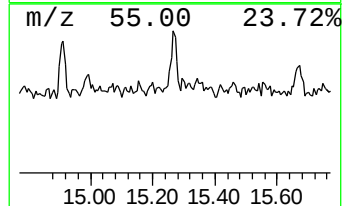
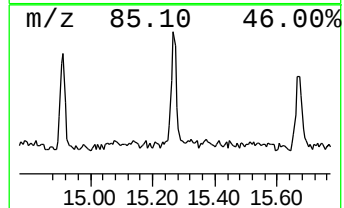
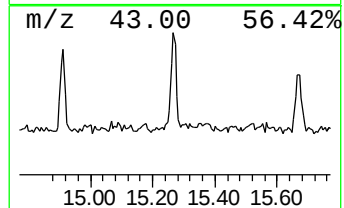
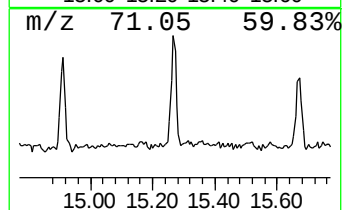
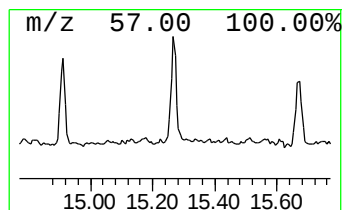
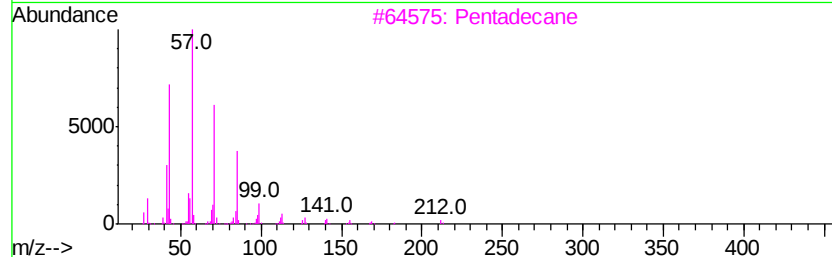
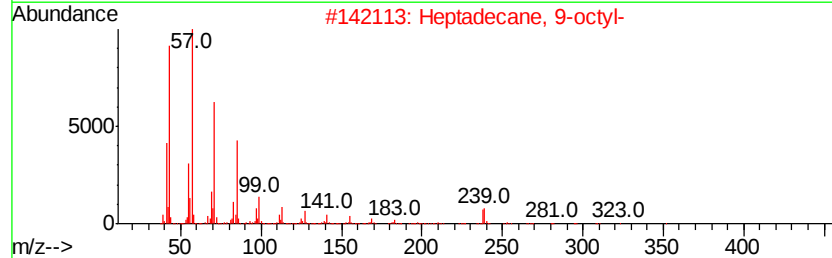
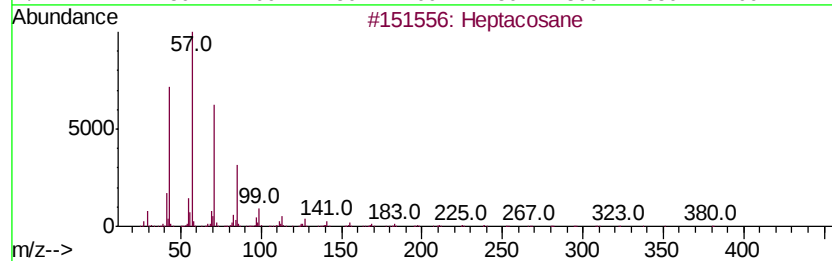
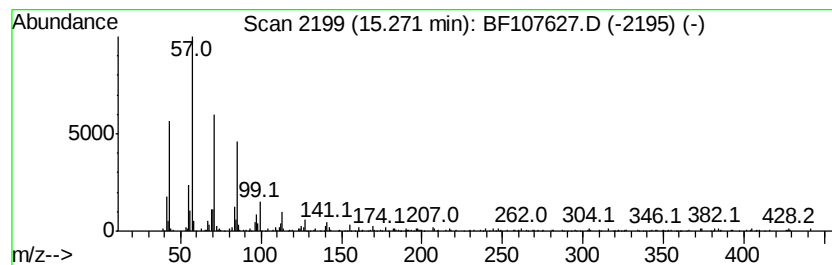
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.35 ng	275329	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	97
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3			Pentadecane	212	C15H32	000629-62-9	80
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	76
5			Docosane	310	C22H46	000629-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107627.D
Acq On : 24 Jul 2018 18:58
Operator : JU/SJ
Sample : J4119-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

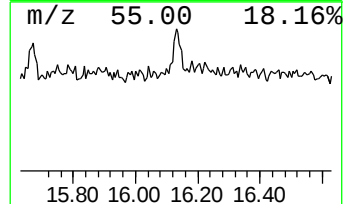
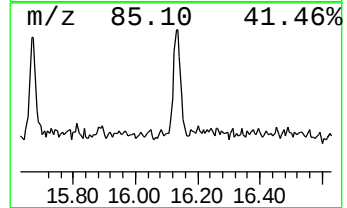
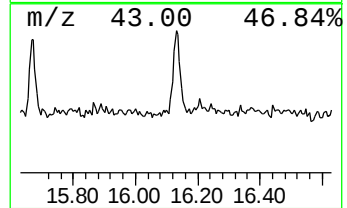
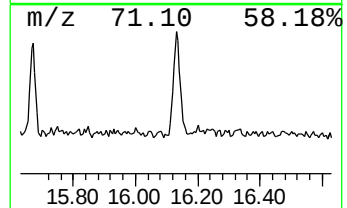
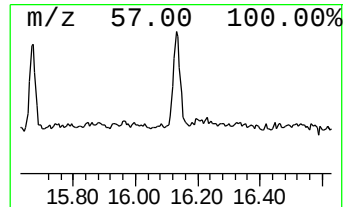
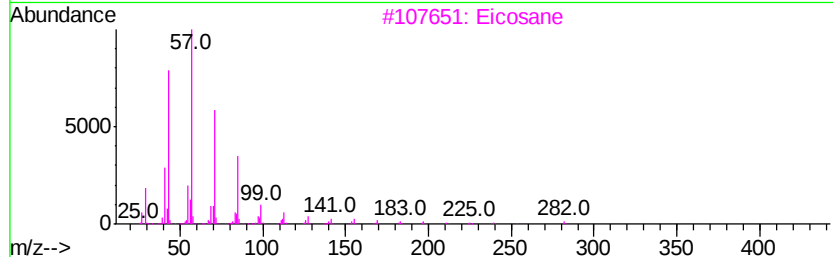
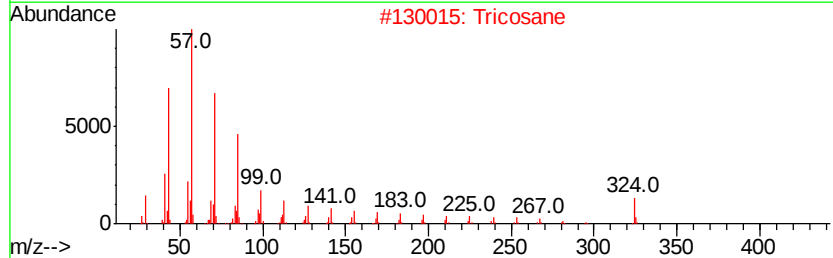
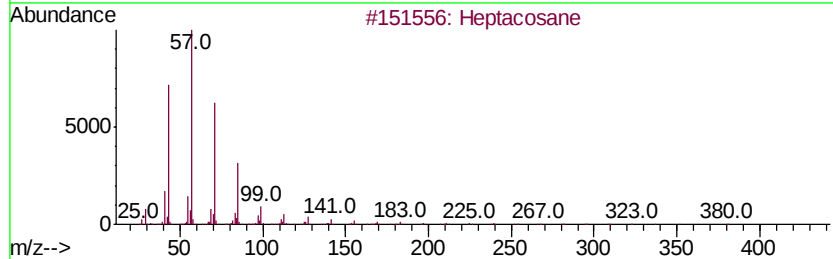
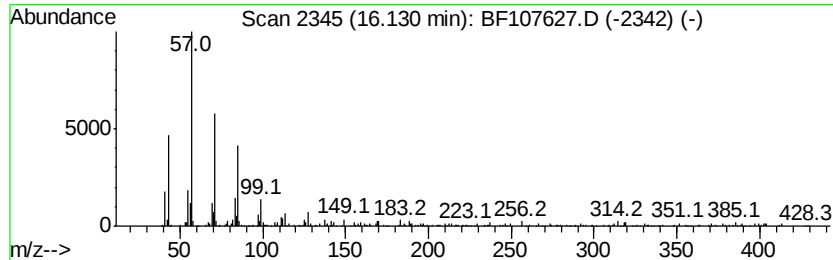
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.62 ng	229411	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	83
2			Tricosane	324	C23H48	000638-67-5	80
3			Eicosane	282	C20H42	000112-95-8	80
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5			Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107627.D
Acq On : 24 Jul 2018 18:58
Operator : JU/SJ
Sample : J4119-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.74	6.74	69.9	ng	5472320	1	6.97	1565470	20.0
n-Hexadecanoic acid	12.01	2.9	ng	258948	4	11.50	1780510	20.0
1-Docosene	13.97	4.2	ng	327320	5	14.15	1558490	20.0
Docosane	14.28	2.1	ng	166465	5	14.15	1558490	20.0
Octacosane	14.59	3.3	ng	255772	5	14.15	1558490	20.0
Nonacosane	14.91	2.4	ng	184697	5	14.15	1558490	20.0
Squalene	14.99	2.9	ng	184161	6	15.69	1266820	20.0
Heptacosane	15.27	4.3	ng	275329	6	15.69	1266820	20.0
Tricosane	16.13	3.6	ng	229411	6	15.69	1266820	20.0