

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107273.D
 Acq On : 10 Jul 2018 15:29
 Operator : JU/SJ
 Sample : J3893-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOIL

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	5.178	479	483	492	rBV	83816	103078	13.23%	1.433%
2	5.590	549	553	570	rBB	670854	701679	90.07%	9.755%
3	6.590	719	723	741	rBV	699663	684386	87.85%	9.514%
4	6.719	741	745	748	rVV	793338	682761	87.64%	9.492%
5	6.766	751	753	761	rVB	13084	13256	1.70%	0.184%
6	6.937	779	782	786	rBV	238836	204233	26.22%	2.839%
7	7.095	805	809	812	rBV	627417	535370	68.72%	7.443%
8	7.507	874	879	882	rBV	423970	403080	51.74%	5.603%
9	8.225	997	1001	1014	rBV	256732	230845	29.63%	3.209%
10	9.295	1178	1183	1186	rBV	759962	640952	82.27%	8.910%
11	9.395	1197	1200	1203	rVB	15072	11603	1.49%	0.161%
12	9.689	1246	1250	1253	rBV	186316	151029	19.39%	2.100%
13	9.983	1296	1300	1305	rBB	280511	230402	29.57%	3.203%
14	10.783	1432	1436	1443	rBV	475641	428079	54.95%	5.951%
15	11.477	1551	1554	1558	rBV	277638	261532	33.57%	3.636%
16	11.819	1608	1612	1615	rBV2	31254	26163	3.36%	0.364%
17	12.701	1760	1762	1768	rVB	24951	18933	2.43%	0.263%
18	12.936	1799	1802	1805	rVB	23670	21226	2.72%	0.295%
19	13.066	1820	1824	1827	rBV	898178	779056	100.00%	10.830%
20	13.266	1853	1858	1862	rVB4	15055	18387	2.36%	0.256%
21	13.607	1913	1916	1922	rVB2	11874	11689	1.50%	0.162%
22	13.730	1935	1937	1943	rBV6	8955	13148	1.69%	0.183%
23	13.942	1969	1973	1978	rBV	49196	64419	8.27%	0.896%
24	13.989	1978	1981	1986	rVB7	9561	13436	1.72%	0.187%
25	14.136	2002	2006	2010	rBV	336271	333164	42.77%	4.632%
26	14.213	2015	2019	2023	rVV5	39924	74814	9.60%	1.040%
27	14.254	2024	2026	2030	rVB2	18148	19566	2.51%	0.272%
28	14.501	2066	2068	2071	rBV3	12084	12297	1.58%	0.171%
29	14.566	2076	2079	2082	rBV	26020	35083	4.50%	0.488%
30	14.883	2130	2133	2136	rBV	23352	29804	3.83%	0.414%
31	14.966	2143	2147	2158	rVB	81246	130902	16.80%	1.820%
32	15.236	2190	2193	2199	rVB2	26651	35375	4.54%	0.492%
33	15.683	2264	2269	2279	rVB	167788	245439	31.50%	3.412%
34	16.083	2335	2337	2345	rVB4	18285	28199	3.62%	0.392%

LSC Area Percent Report

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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

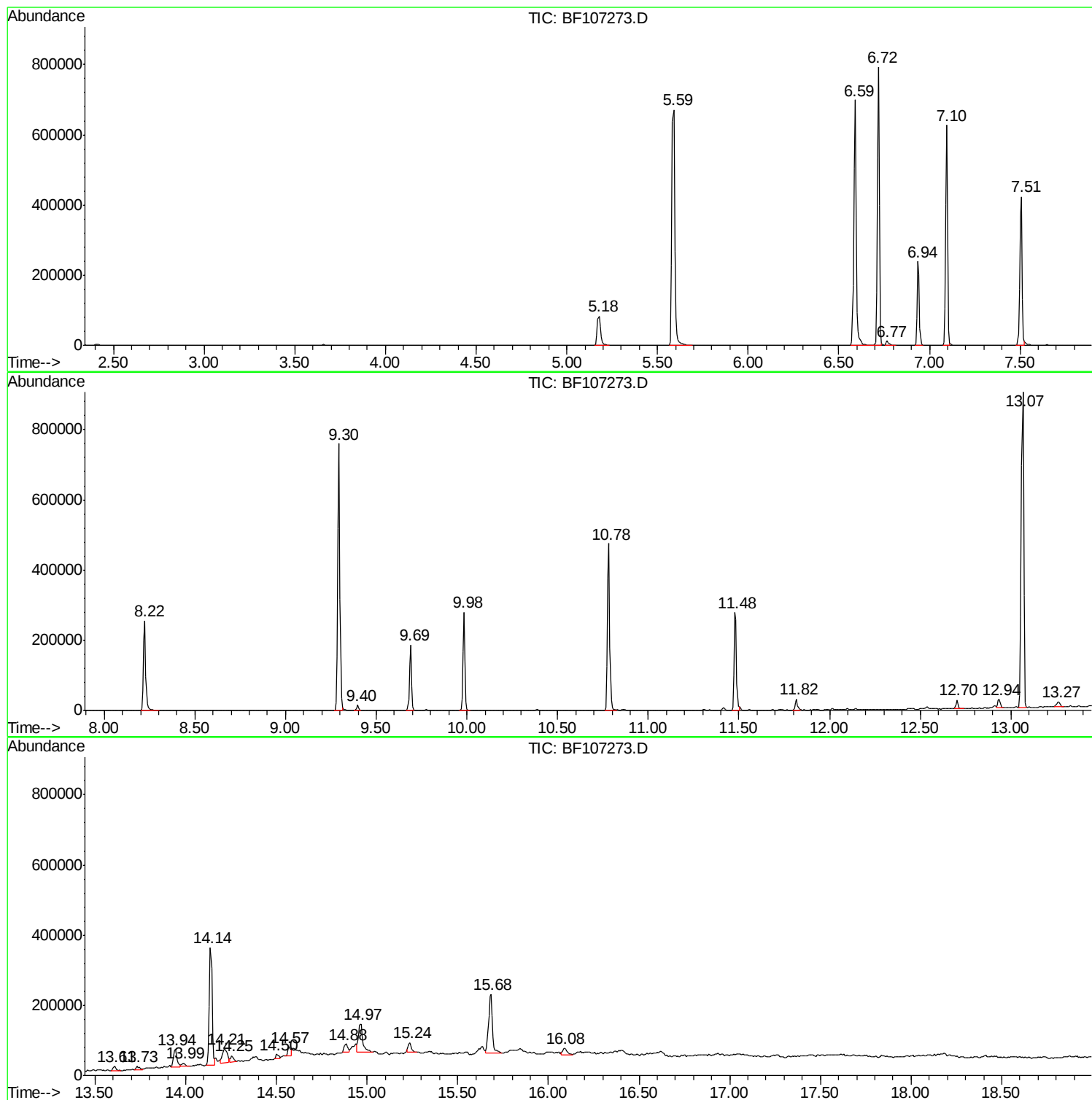
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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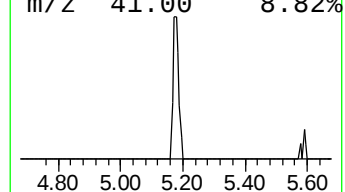
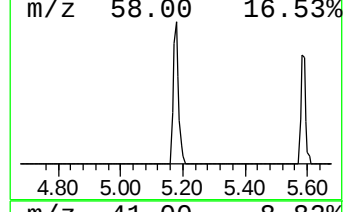
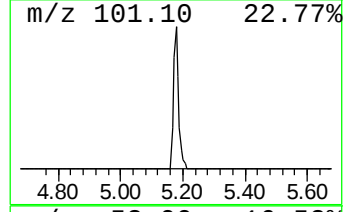
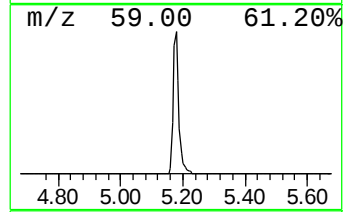
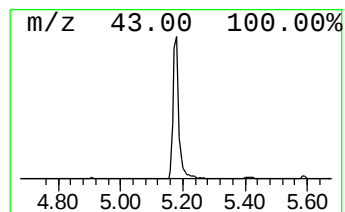
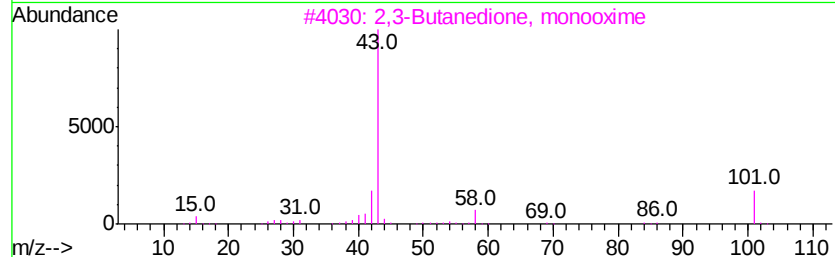
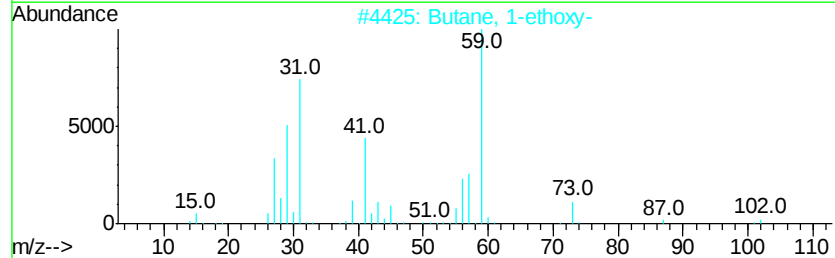
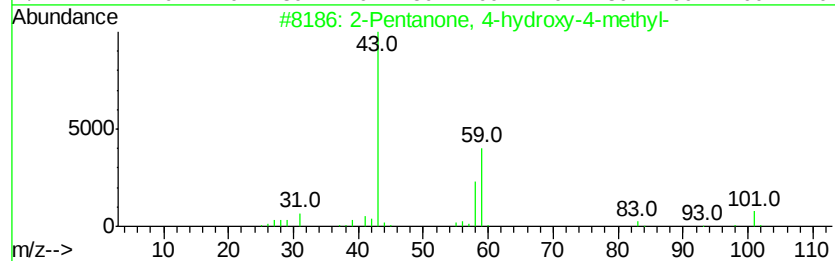
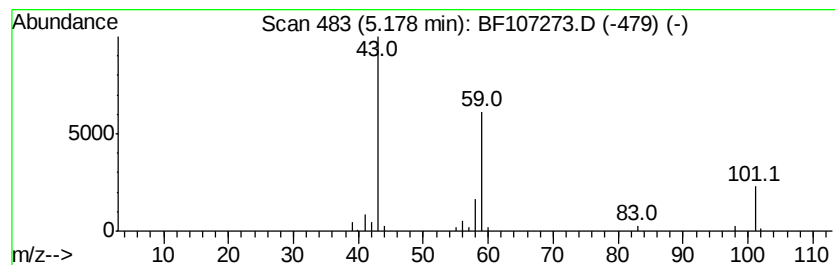
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.09 ng	103078	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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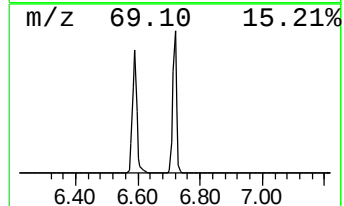
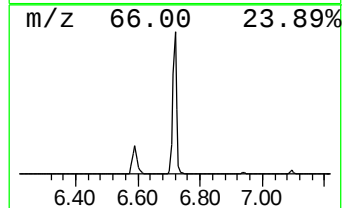
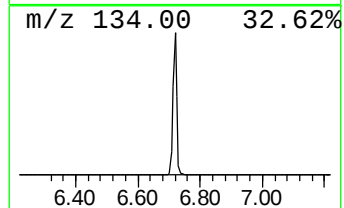
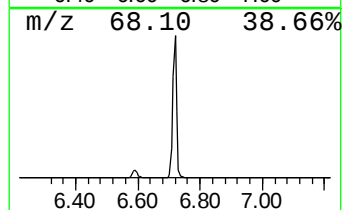
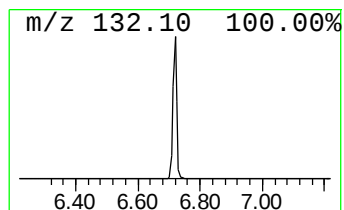
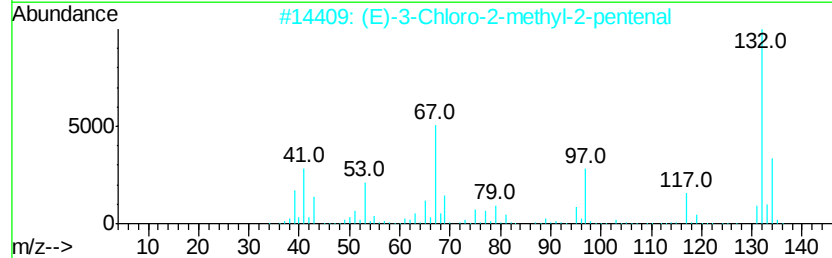
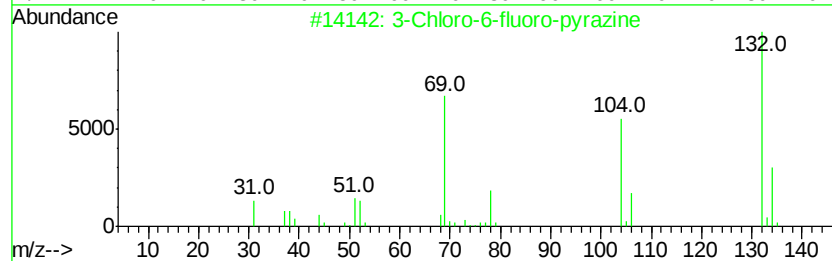
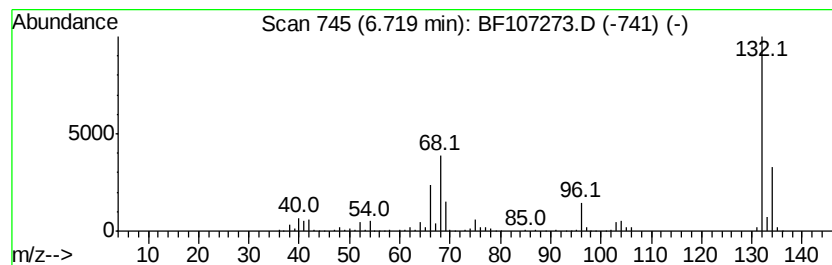
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	66.86 ng	682761	1,4-Dichlorobenzene-d4	6.94

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			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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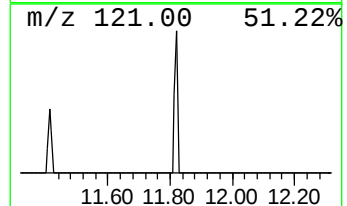
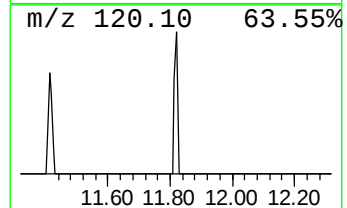
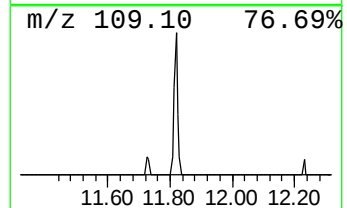
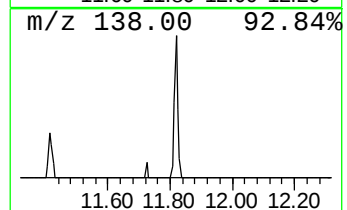
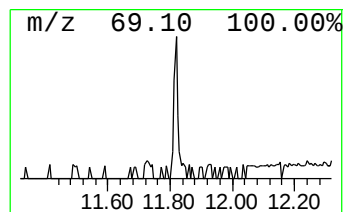
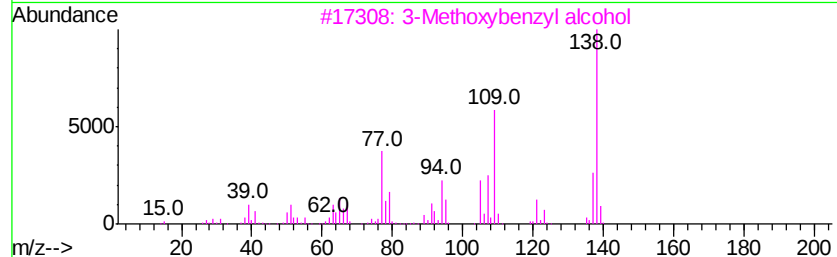
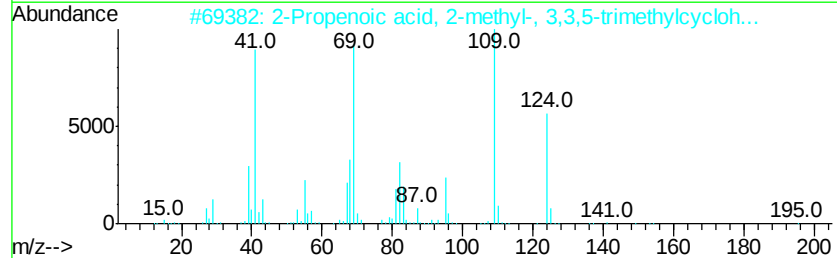
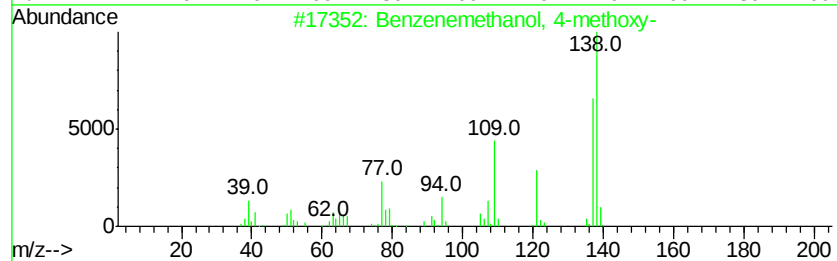
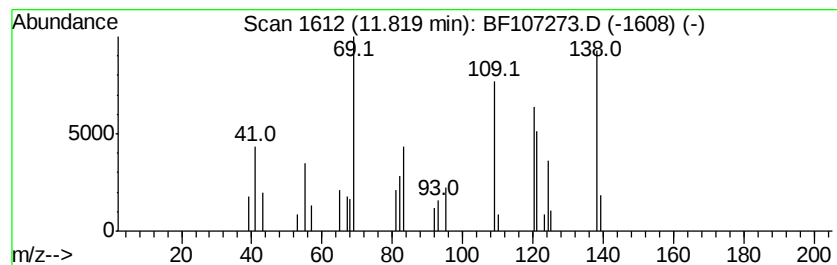
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown11.82 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.00 ng	26163	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenemethanol, 4-methoxy-	138	C8H10O2	000105-13-5	38
2		2-Propenoic acid, 2-methyl-, 3,3...	210	C13H22O2	007779-31-9	37
3		3-Methoxybenzyl alcohol	138	C8H10O2	006971-51-3	35
4		Succinic acid, di(3,7-dimethylloc...	394	C24H42O4	1000353-35-2	32
5		4,6-Dimethyl-2-pyrimidinylhydrazine	138	C6H10N4	023906-13-0	16



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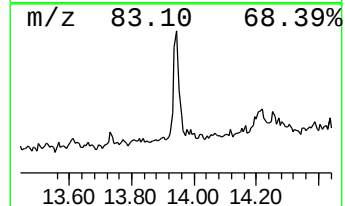
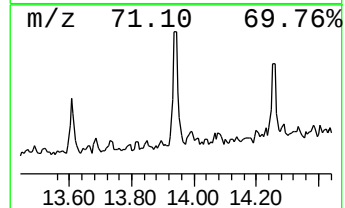
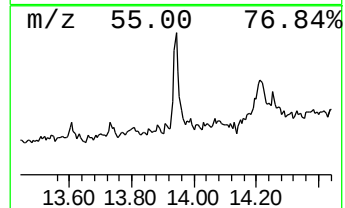
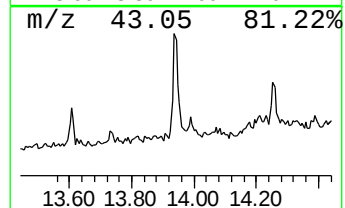
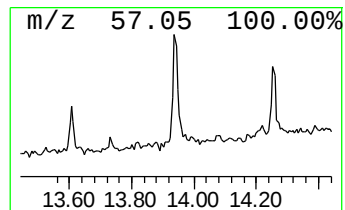
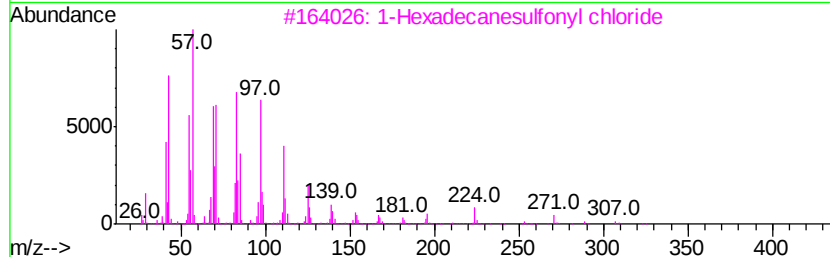
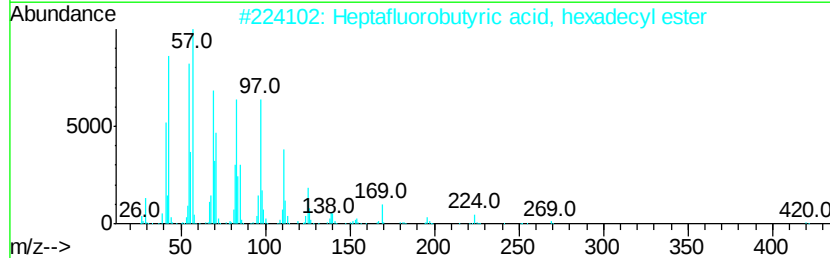
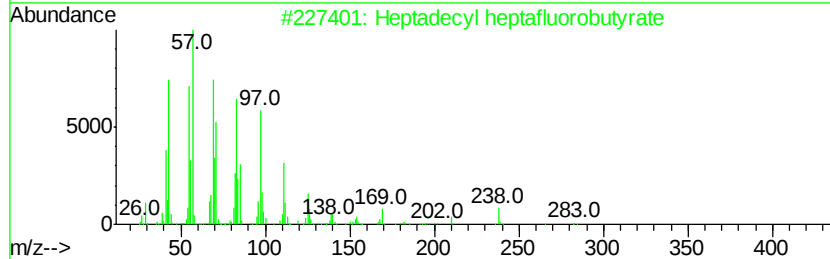
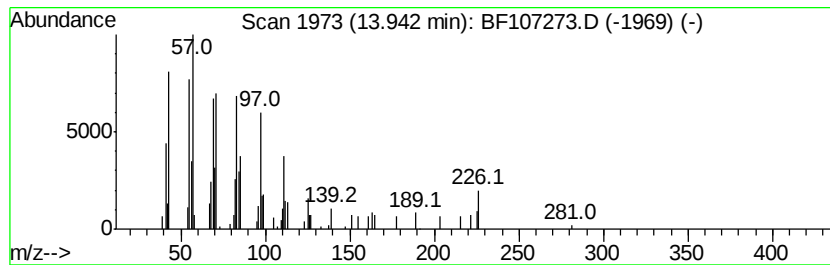
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.87 ng	64419	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	76



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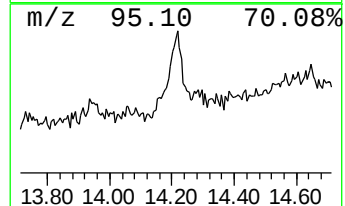
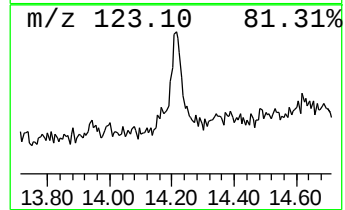
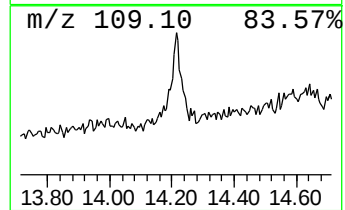
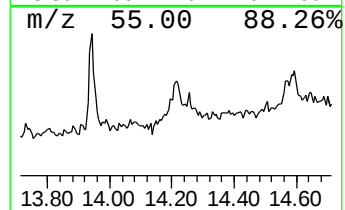
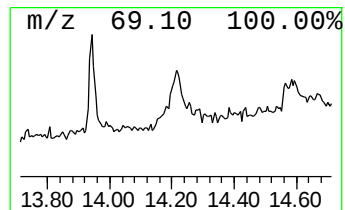
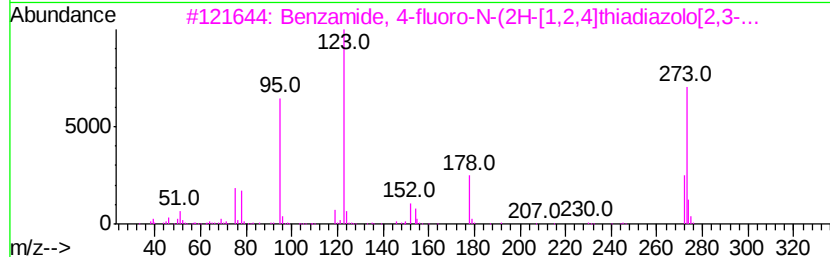
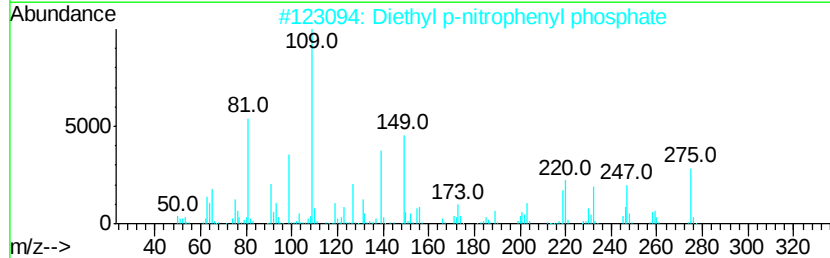
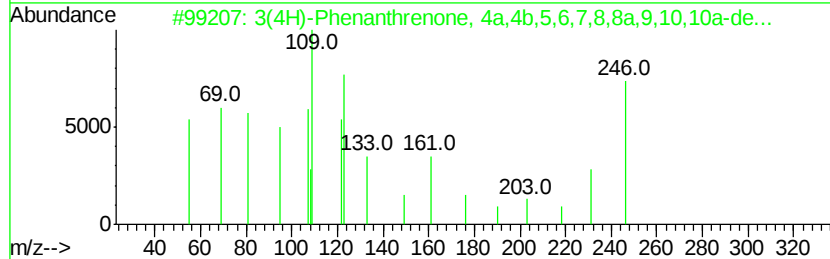
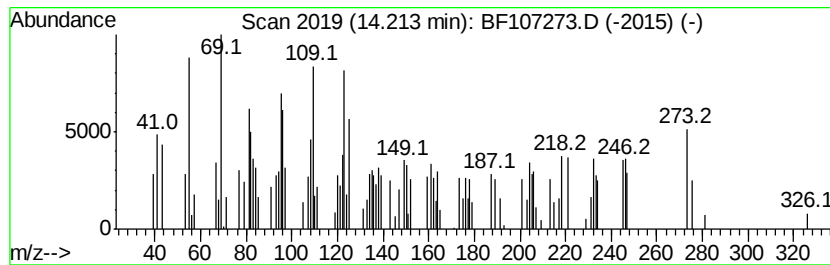
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Peak Number 6 unknown14.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.49 ng	74814	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	45
2		Diethyl p-nitrophenyl phosphate	275	C10H14N06P	000311-45-5	30
3		Benzamide, 4-fluoro-N-(2H-[1,2,4...	273	C13H8FN3OS	1000350-88-5	25
4		Silane, chlorodiethyl(dodec-9-yn...	302	C16H31ClOSi	1000363-59-2	18
5		2,5,9-Trimethylcycloundeca-4,8-d...	206	C14H22O	1000195-33-9	18



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

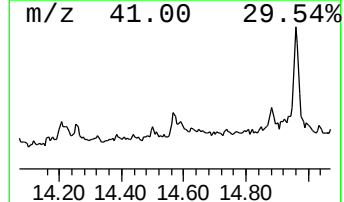
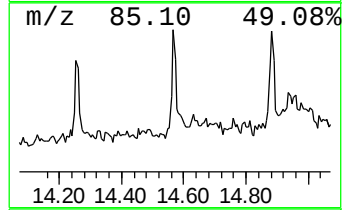
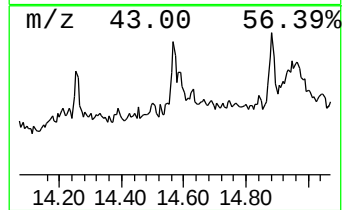
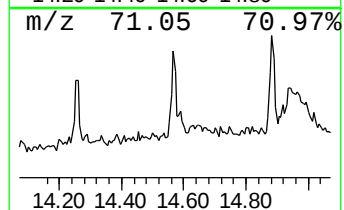
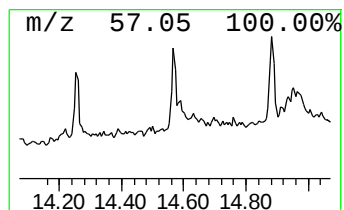
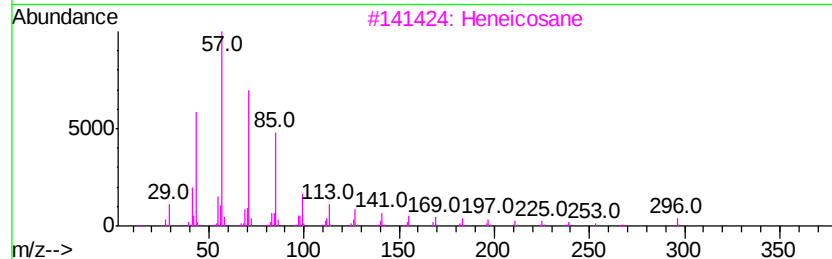
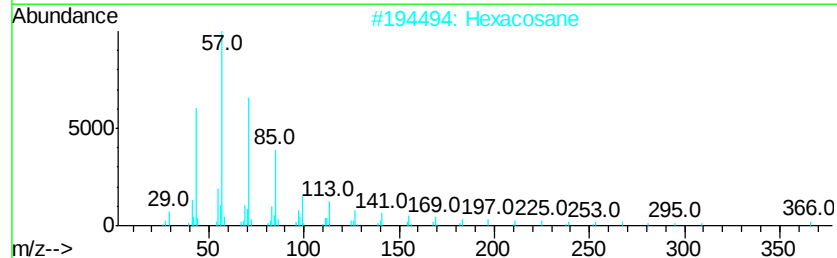
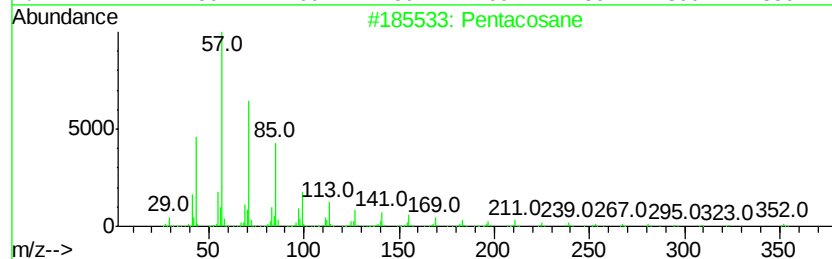
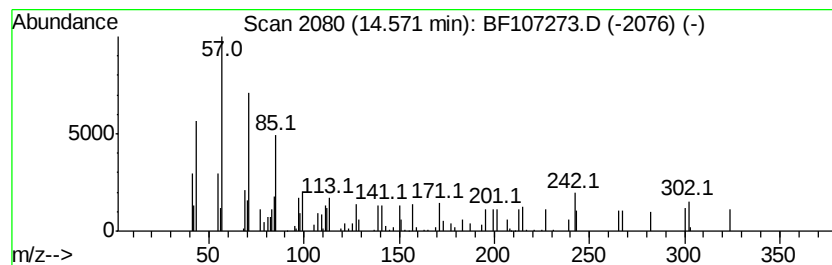
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.11 ng	35083	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	49
2			Hexacosane	366	C26H54	000630-01-3	49
3			Heneicosane	296	C21H44	000629-94-7	47
4			Docosane	310	C22H46	000629-97-0	46
5			Tetratetracontane	619	C44H90	007098-22-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107273.D
Acq On : 10 Jul 2018 15:29
Operator : JU/SJ
Sample : J3893-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

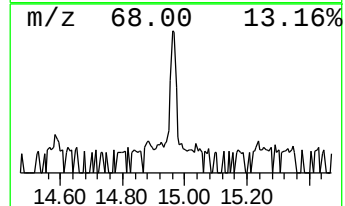
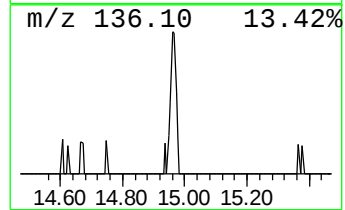
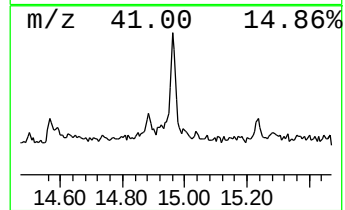
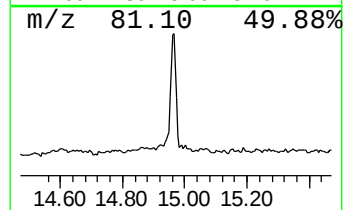
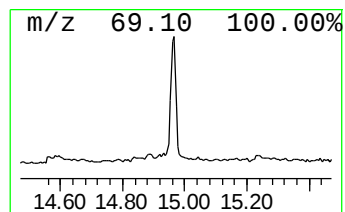
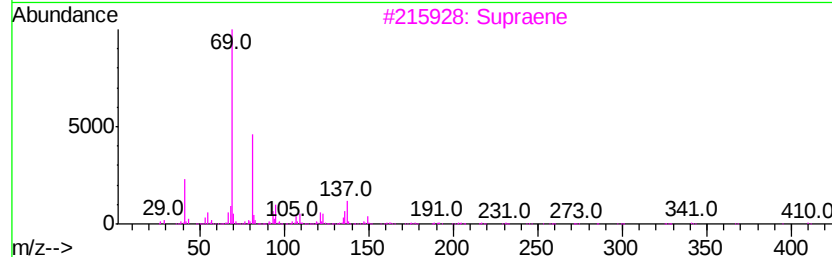
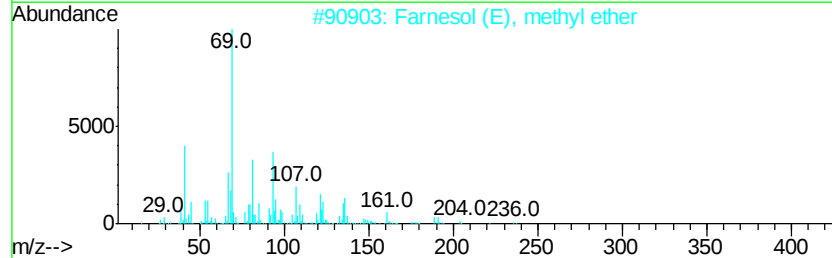
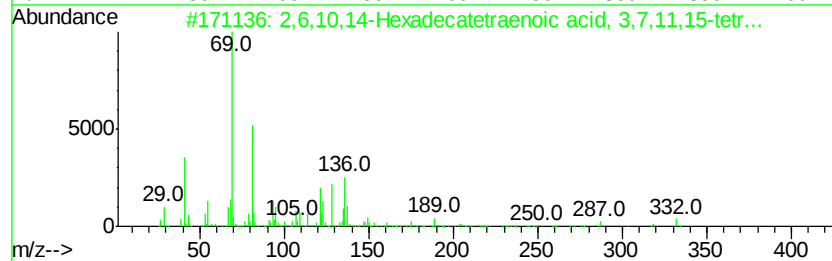
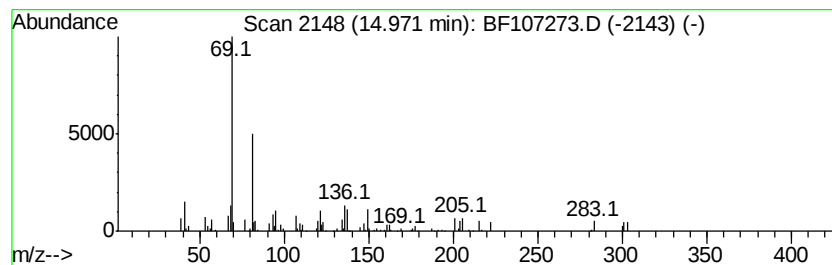
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,6,10,14-Hexadecatetraenoi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	10.67 ng	130902	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
2		Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	72
3		Supraene	410	C30H50	007683-64-9	72
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107273.D
Acq On : 10 Jul 2018 15:29
Operator : JU/SJ
Sample : J3893-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

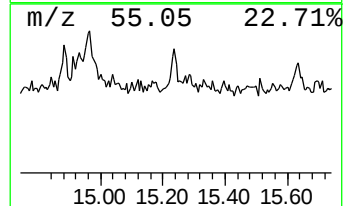
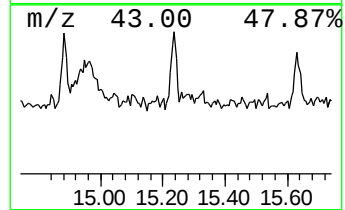
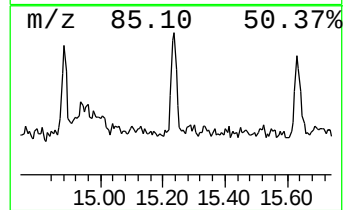
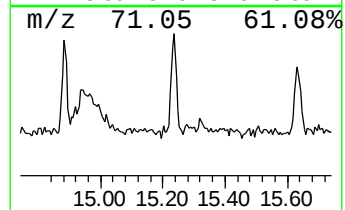
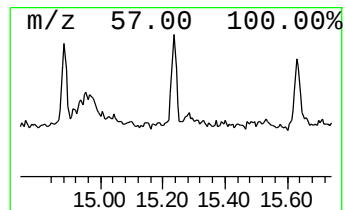
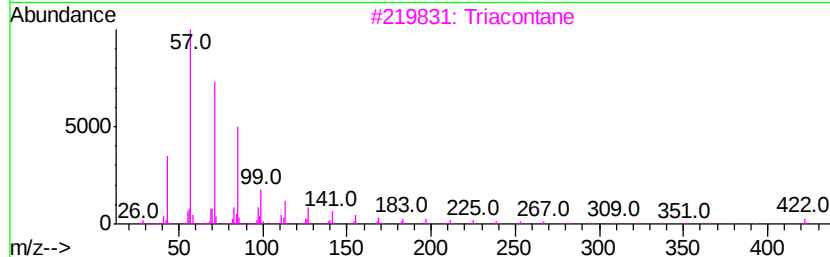
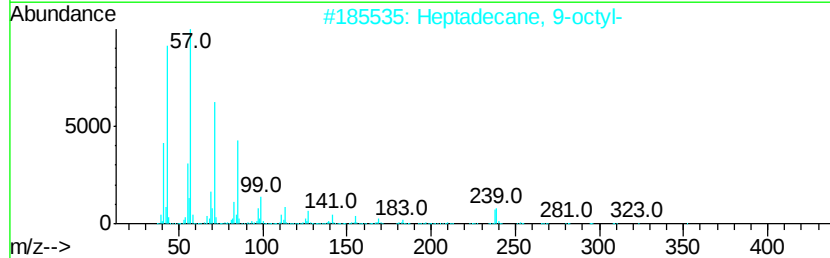
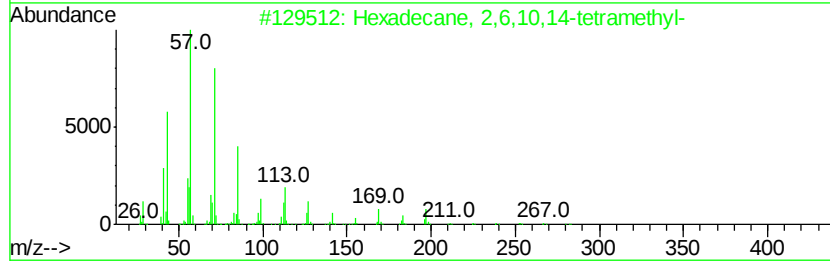
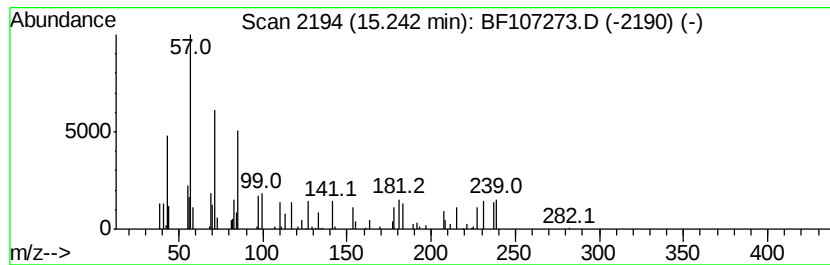
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.88 ng	35375	Perylene-d12	15.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
3			Triacontane	422	C30H62	000638-68-6	68
4			Octadecane	254	C18H38	000593-45-3	64
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107273.D
Acq On : 10 Jul 2018 15:29
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Misc :
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Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

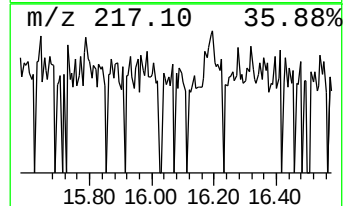
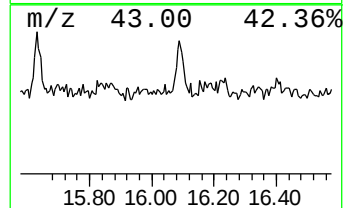
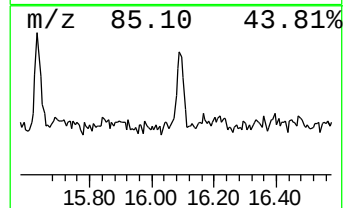
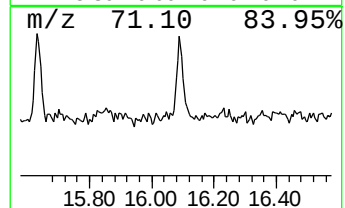
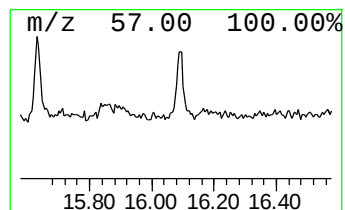
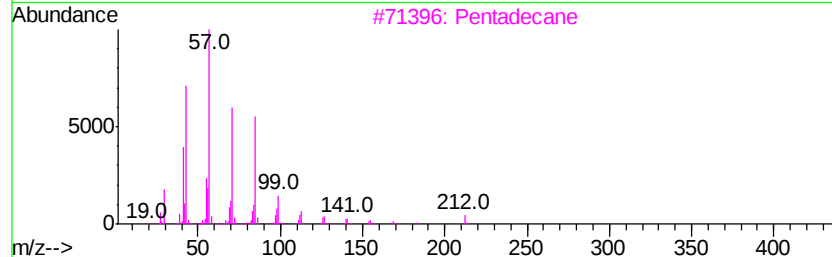
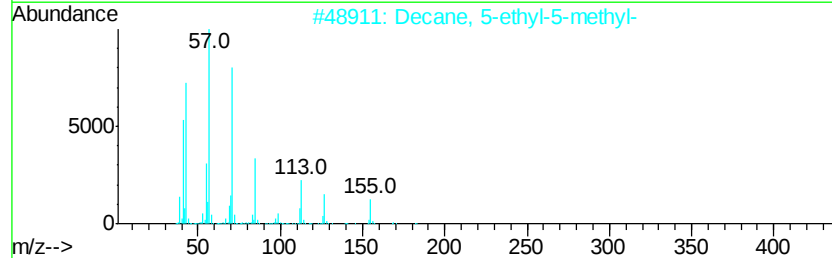
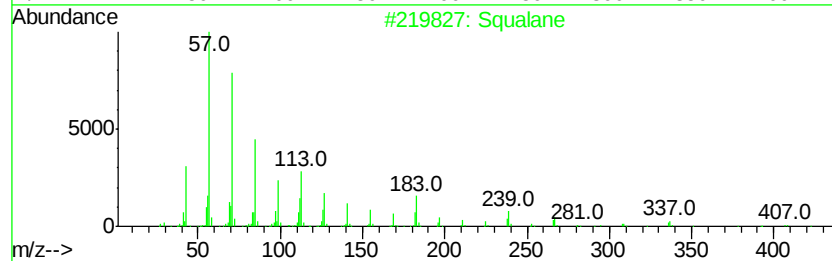
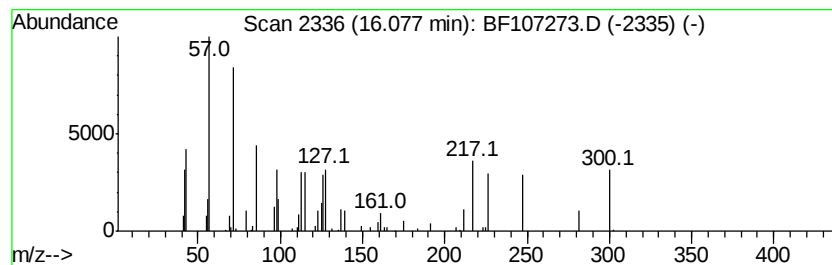
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	2.30 ng	28199	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalane	422	C30H62	000111-01-3	22
2		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	14
3		Pentadecane	212	C15H32	000629-62-9	10
4		Tetracosane	338	C24H50	000646-31-1	10
5		Eicosane	282	C20H42	000112-95-8	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107273.D
Acq On : 10 Jul 2018 15:29
Operator : JU/SJ
Sample : J3893-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

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...	5.18	10.1	ng	103078	1	6.94	204233	20.0
unknown6.72	6.72	66.9	ng	682761	1	6.94	204233	20.0
unknown11.82	11.82	2.0	ng	26163	4	11.48	261532	20.0
Heptadecyl heptaf...	13.94	3.9	ng	64419	5	14.14	333164	20.0
unknown14.21	14.21	4.5	ng	74814	5	14.14	333164	20.0
unknown14.57	14.57	2.1	ng	35083	5	14.14	333164	20.0
2,6,10,14-Hexadec...	14.97	10.7	ng	130902	6	15.68	245439	20.0
Hexadecane, 2,6,1...	15.24	2.9	ng	35375	6	15.68	245439	20.0
unknown16.08	16.08	2.3	ng	28199	6	15.68	245439	20.0