LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077018.D
Acq On : 22 Jan 2015 18:30
Operator : TP/IZ
Sample : G1136-06
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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	1.350	22	23	28	rBV	64563	112517	12.13%	1.422%
2	1.430	28	30	54	rVB	342423	850003	91.64%	10.741%
3	3.944	247	250	261	rBV	44197	109259	11.78%	1.381%
4	4.893	330	333	344	rBV	343168	650601	70.14%	8.221%
5	7.259	537	540	545	rBV	407195	677924	73.09%	8.567%
6	7.350	545	548	556	rVB	410784	732162	78.93%	9.252%
7	7.853	589	592	597	rBV	80348	125694	13.55%	1.588%
8	8.173	616	620	623	rBV	333549	524083	56.50%	6.623%
9	9.145	702	705	715	rBV	239711	428566	46.20%	5.416%
10	10.756	843	846	851	rVB	119549	179322	19.33%	2.266%
11	13.408	1075	1078	1082	rBV	500819	850676	91.71%	10.749%
12	14.471	1169	1171	1179	rVB	20523	33167	3.58%	0.419%
13	14.882	1204	1207	1211	rBV	132998	201823	21.76%	2.550%
14	16.585	1353	1356	1359	rBV	389064	549773	59.27%	6.947%
15	17.694	1450	1453	1455	rBV	143738	204540	22.05%	2.585%
16	18.140	1489	1492	1495	rVB	8698	9961	1.07%	0.126%
17	18.688	1538	1540	1546	rVB2	11837	25086	2.70%	0.317%
18	19.820	1637	1639	1643	rBV	28481	39538	4.26%	0.500%
19	19.923	1646	1648	1651	rVB	826405	927579	100.00%	11.721%
20	21.192	1754	1759	1761	rBV	207180	370111	39.90%	4.677%
21	21.329	1768	1771	1774	rVB	16492	17457	1.88%	0.221%
22	21.980	1823	1828	1832	rBV3	6521	15007	1.62%	0.190%
23	22.289	1851	1855	1858	rBV	14347	17273	1.86%	0.218%
24	22.849	1902	1904	1907	rBV	160148	187991	20.27%	2.376%
25	23.500	1958	1961	1969	rVB3	17331	39671	4.28%	0.501%
26	23.832	1985	1990	1995	rBV4	3574	12087	1.30%	0.153%
27	24.278	2026	2029	2034	rBV4	7947	21792	2.35%	0.275%

Sum of corrected areas: 7913663

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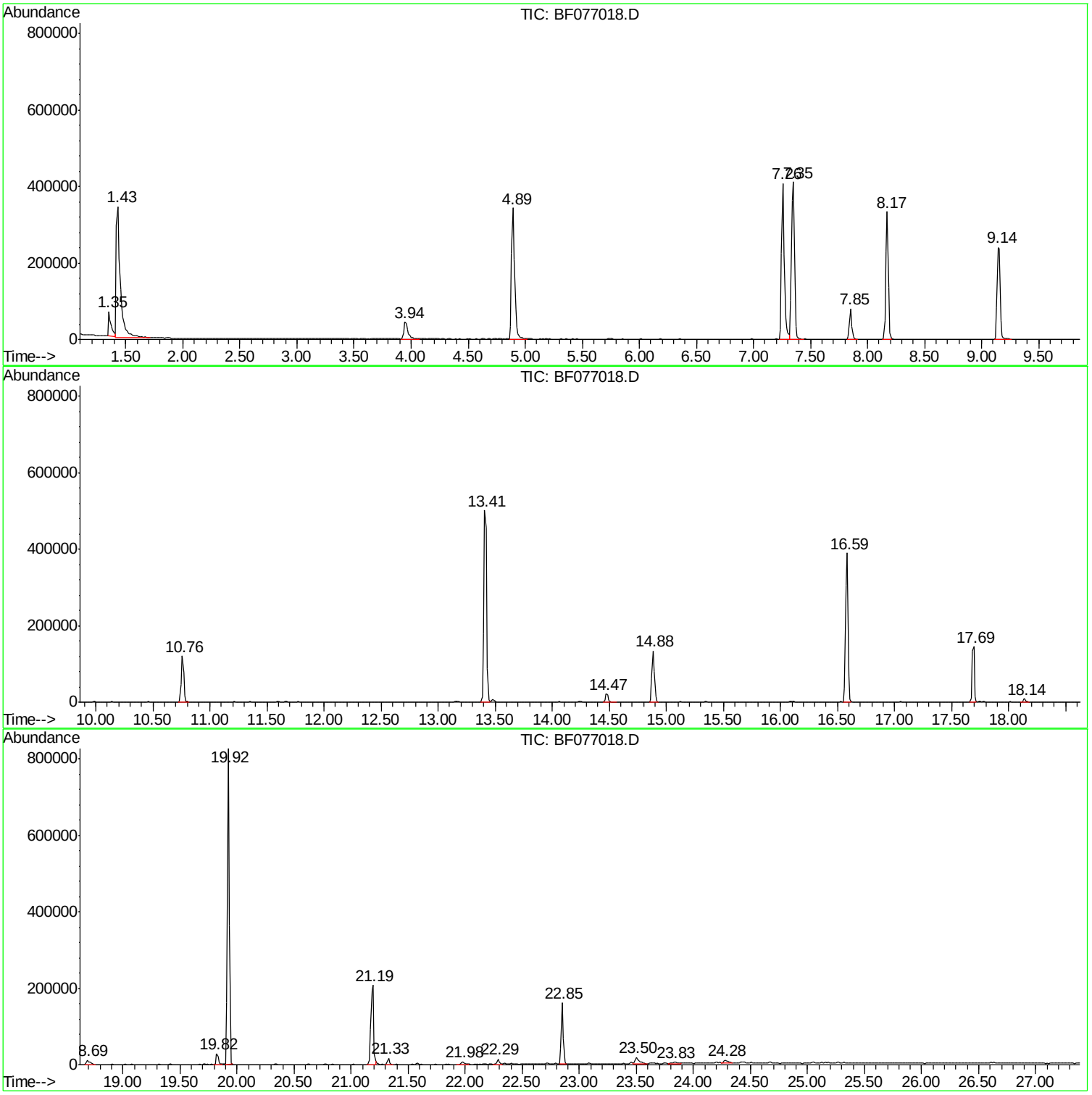
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077018.D
Acq On : 22 Jan 2015 18:30
Operator : TP/IZ
Sample : G1136-06
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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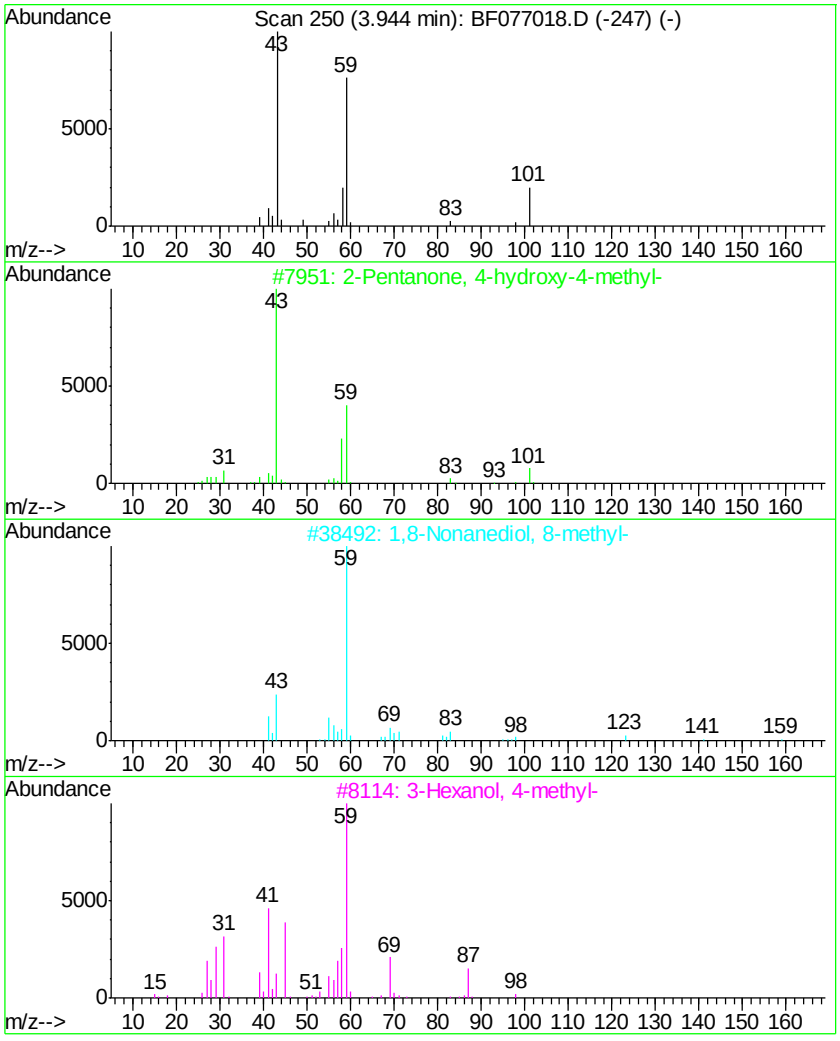
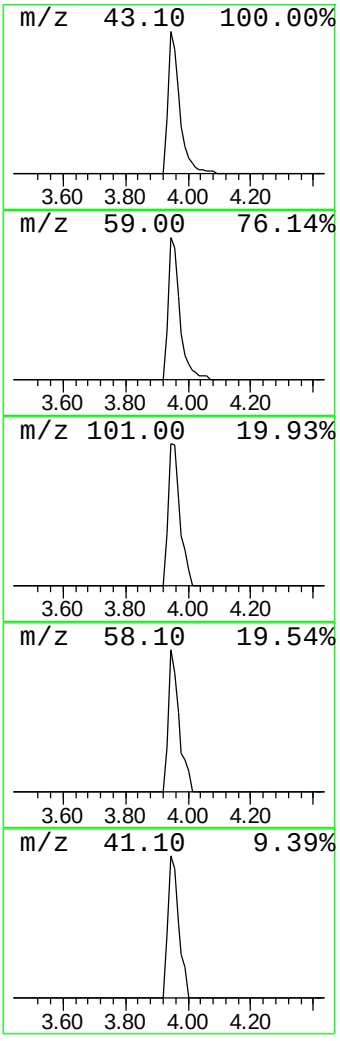
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	17.38 ng	109259	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	36
4	Guanidine	59	CH5N3	000113-00-8	9
5	3-Octanol	130	C8H18O	000589-98-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077018.D
Acq On : 22 Jan 2015 18:30
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Sample : G1136-06
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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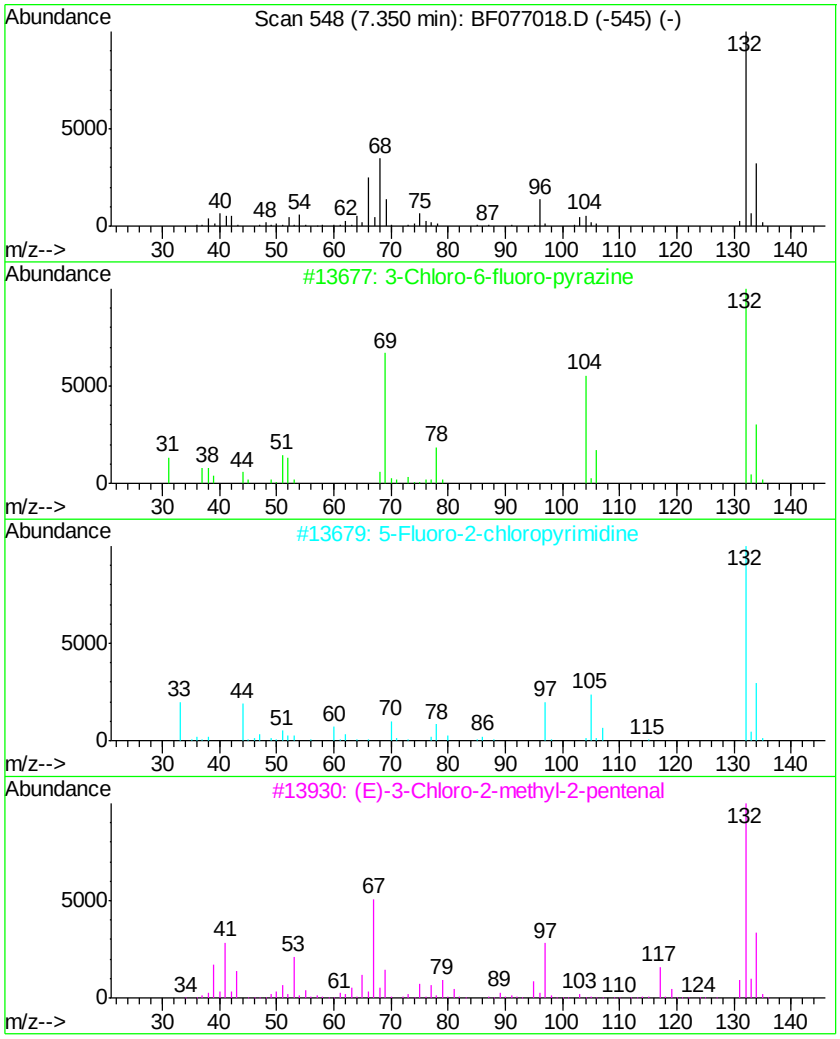
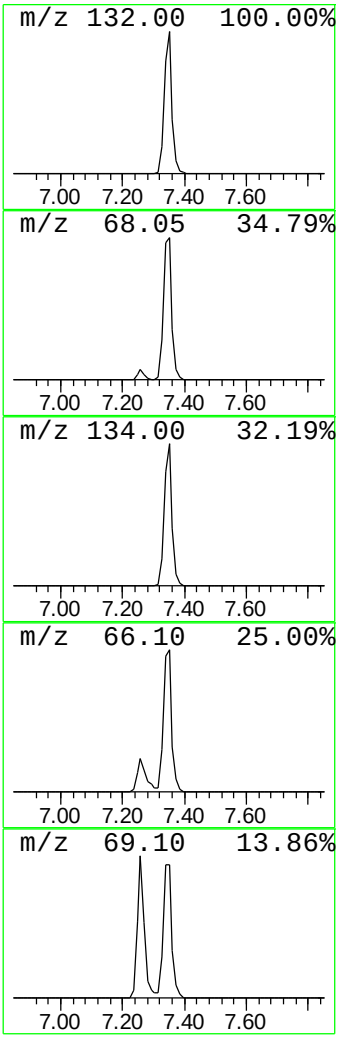
Peak Number 4 unknown7.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	116.50 ng	732162	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077018.D
Acq On : 22 Jan 2015 18:30
Operator : TP/IZ
Sample : G1136-06
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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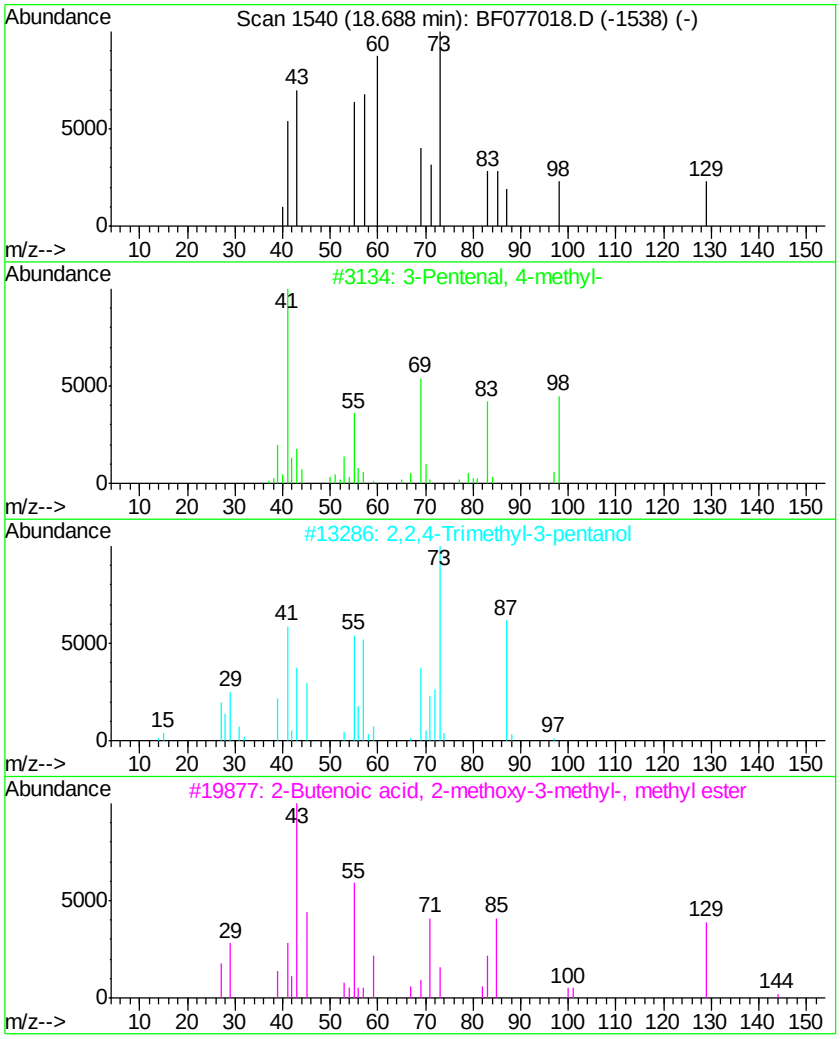
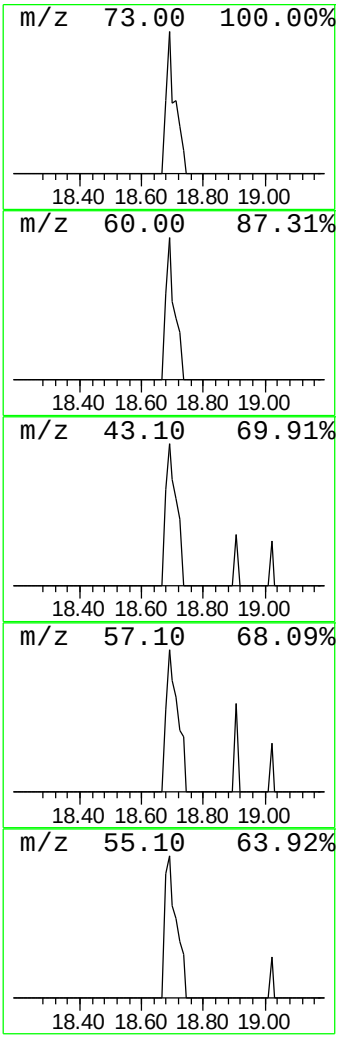
Peak Number 6 unknown18.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.45 ng	25086	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	11
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	10
3	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	10
4	2(5H)-Furanone, 5-methyl-	98	C5H6O2	000591-11-7	9
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	9





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Data File : BF077018.D
Acq On : 22 Jan 2015 18:30
Operator : TP/IZ
Sample : G1136-06
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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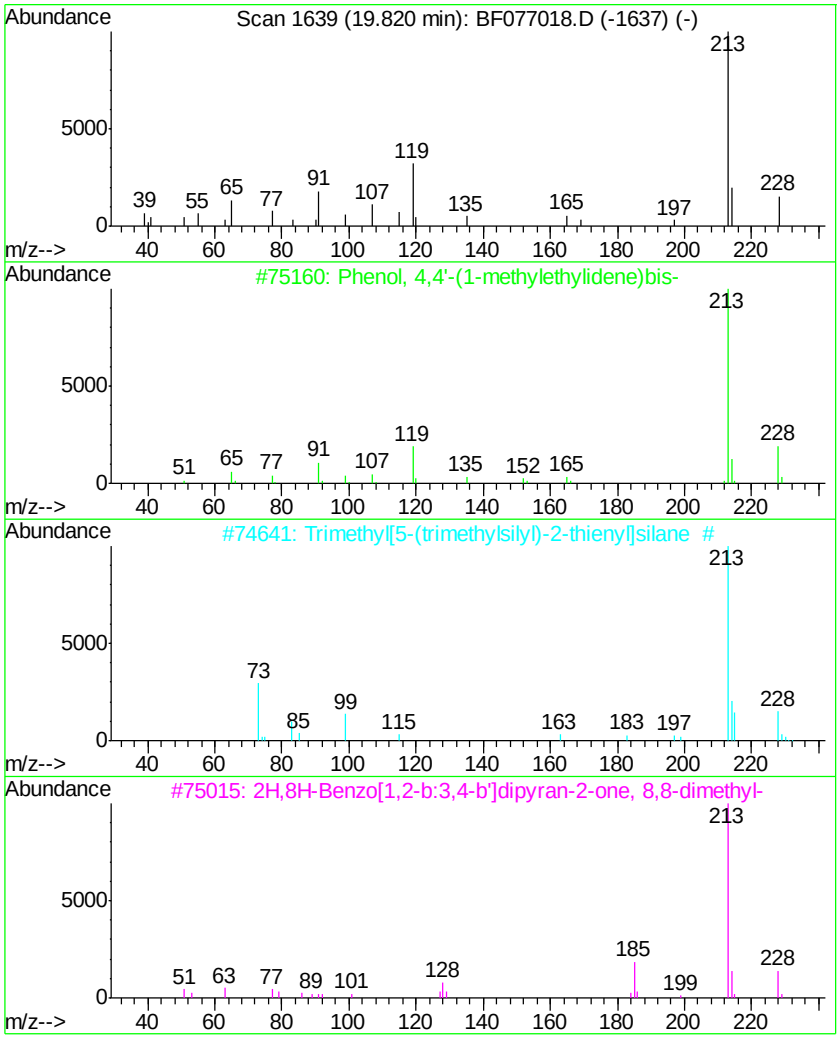
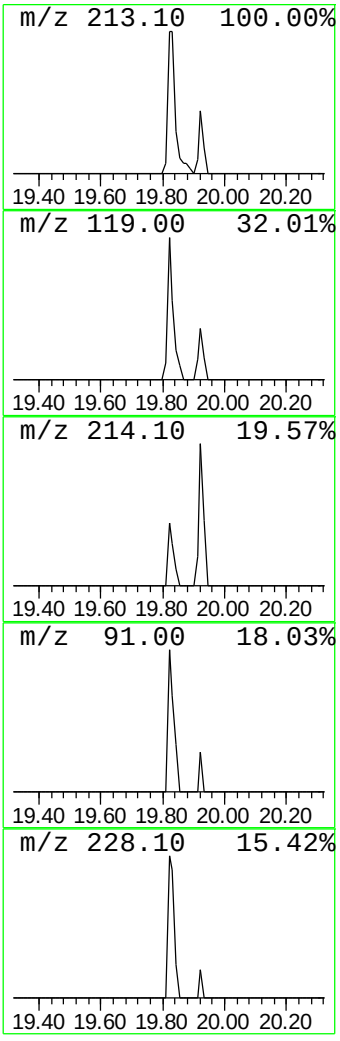
Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.14 ng	39538	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
2	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	53
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50
4	3-Chlorobenzoic acid, trimethyls...	228	C10H13ClO2Si	114521-53-8	42
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
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Operator : TP/IZ
Sample : G1136-06
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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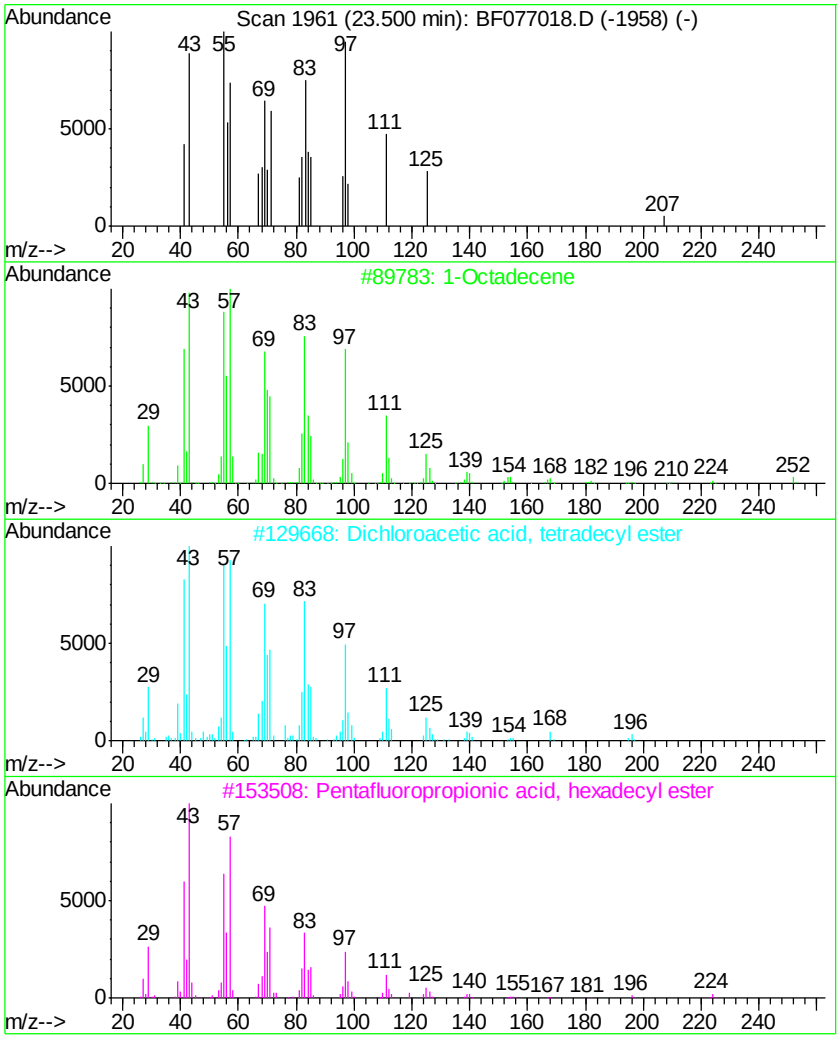
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

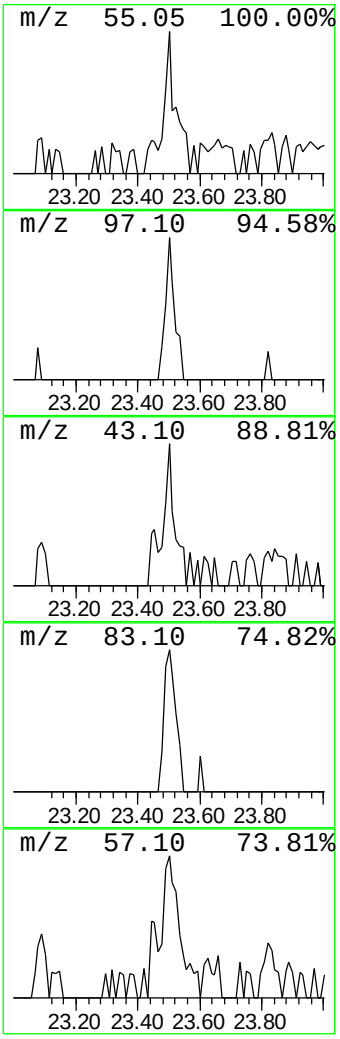
****

Peak Number 8 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	4.22 ng	39671	Perylene-d12	22.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	83
2	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	64
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	53
4	17-Pentatriacontene	491	C35H70	006971-40-0	53
5	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	53





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Sample : G1136-06
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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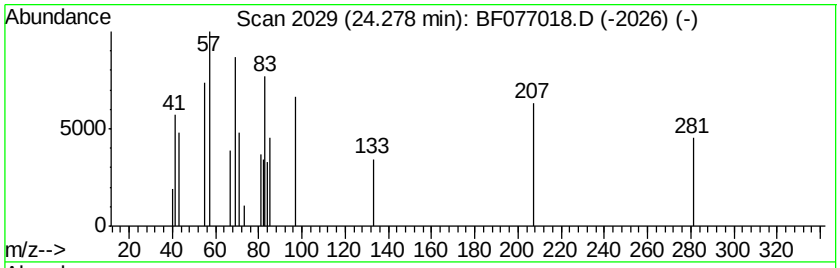
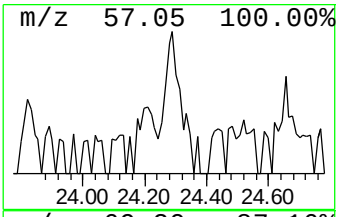
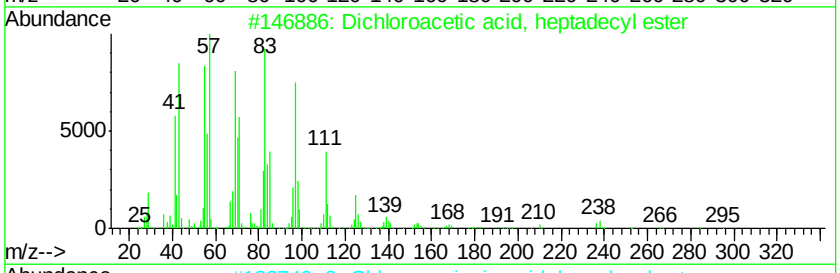
Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 8

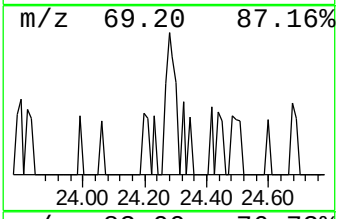
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	2.32 ng	21792	Perylene-d12	22.85

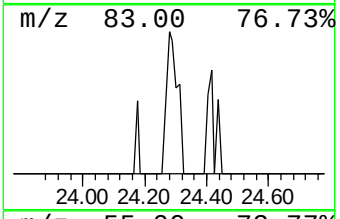
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	52
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	52
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	50
4	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	50
5	1-Heptadecene	238	C17H34	006765-39-5	47

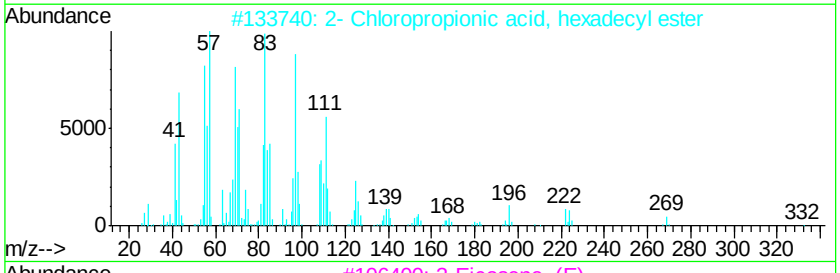


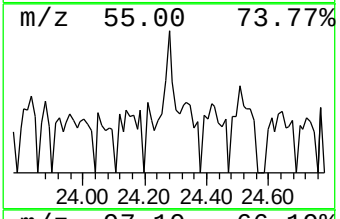


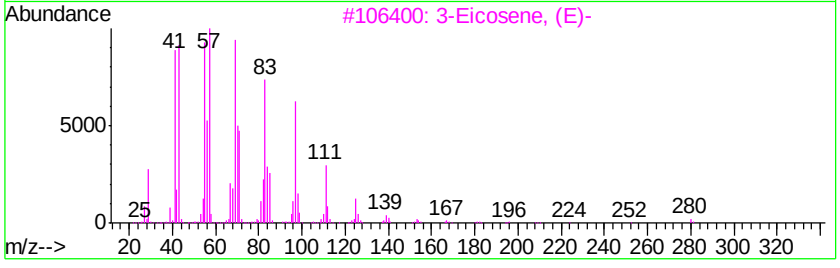


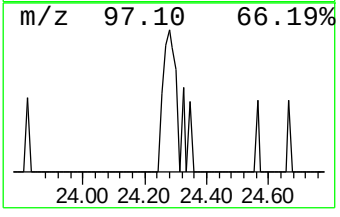












Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.94	17.4	ng	109259	1	7.85	125694	20.0
unknown7.35	7.35	116.5	ng	732162	1	7.85	125694	20.0
unknown18.69	18.69	2.5	ng	25086	4	17.69	204540	20.0
Phenol, 4,4'-(1-m...	19.82	2.1	ng	39538	5	21.19	370111	20.0
1-Octadecene	23.50	4.2	ng	39671	6	22.85	187991	20.0
Dichloroacetic ac...	24.28	2.3	ng	21792	6	22.85	187991	20.0