LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101416.D
Acq On : 15 Dec 2017 1:37
Operator : SJ/JU
Sample : I6828-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBEW-2-4-10

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-BF121417.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	2.128	3	7	30	rVB	207078	482844	8.97%	1.067%
2	5.057	501	505	523	rBV	301521	603291	11.20%	1.334%
3	5.445	566	571	597	rBV	4152069	5101637	94.74%	11.278%
4	6.457	737	743	760	rBV	3949126	5384819	100.00%	11.904%
5	6.586	760	765	769	rBV	4208610	4691943	87.13%	10.372%
6	6.810	800	803	810	rBV	1053261	1035193	19.22%	2.288%
7	6.969	826	830	846	rBV	3606023	3728798	69.25%	8.243%
8	7.386	895	901	917	rBV	3032263	3535764	65.66%	7.816%
9	8.092	1017	1021	1037	rBV	1224460	1422761	26.42%	3.145%
10	9.175	1199	1205	1208	rBV	4247430	4785360	88.87%	10.579%
11	9.239	1213	1216	1220	rVB	67693	66286	1.23%	0.147%
12	9.569	1266	1272	1278	rBV	333101	381570	7.09%	0.843%
13	9.769	1299	1306	1310	rBV	214494	203830	3.79%	0.451%
14	9.851	1315	1320	1328	rVB	1557692	1490646	27.68%	3.295%
15	10.269	1388	1391	1394	rVB	259005	205051	3.81%	0.453%
16	10.486	1422	1428	1431	rBV	63144	89026	1.65%	0.197%
17	10.651	1451	1456	1468	rBV	2785890	3222589	59.85%	7.124%
18	10.739	1468	1471	1480	rVB	192044	236904	4.40%	0.524%
19	11.192	1544	1548	1551	rBV	94777	82441	1.53%	0.182%
20	11.345	1569	1574	1583	rBV	1538951	1578514	29.31%	3.489%
21	11.863	1658	1662	1673	rBV3	56771	84364	1.57%	0.186%
22	12.933	1838	1844	1847	rBV	4118236	4494066	83.46%	9.935%
23	13.810	1989	1993	2007	rBV	156658	263247	4.89%	0.582%
24	13.992	2020	2024	2032	rBV	1169735	1173675	21.80%	2.595%
25	15.462	2267	2274	2286	rBV	624003	891974	16.56%	1.972%

Sum of corrected areas: 45236593

LSC Report - Integrated Chromatogram

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Operator : SJ/JU
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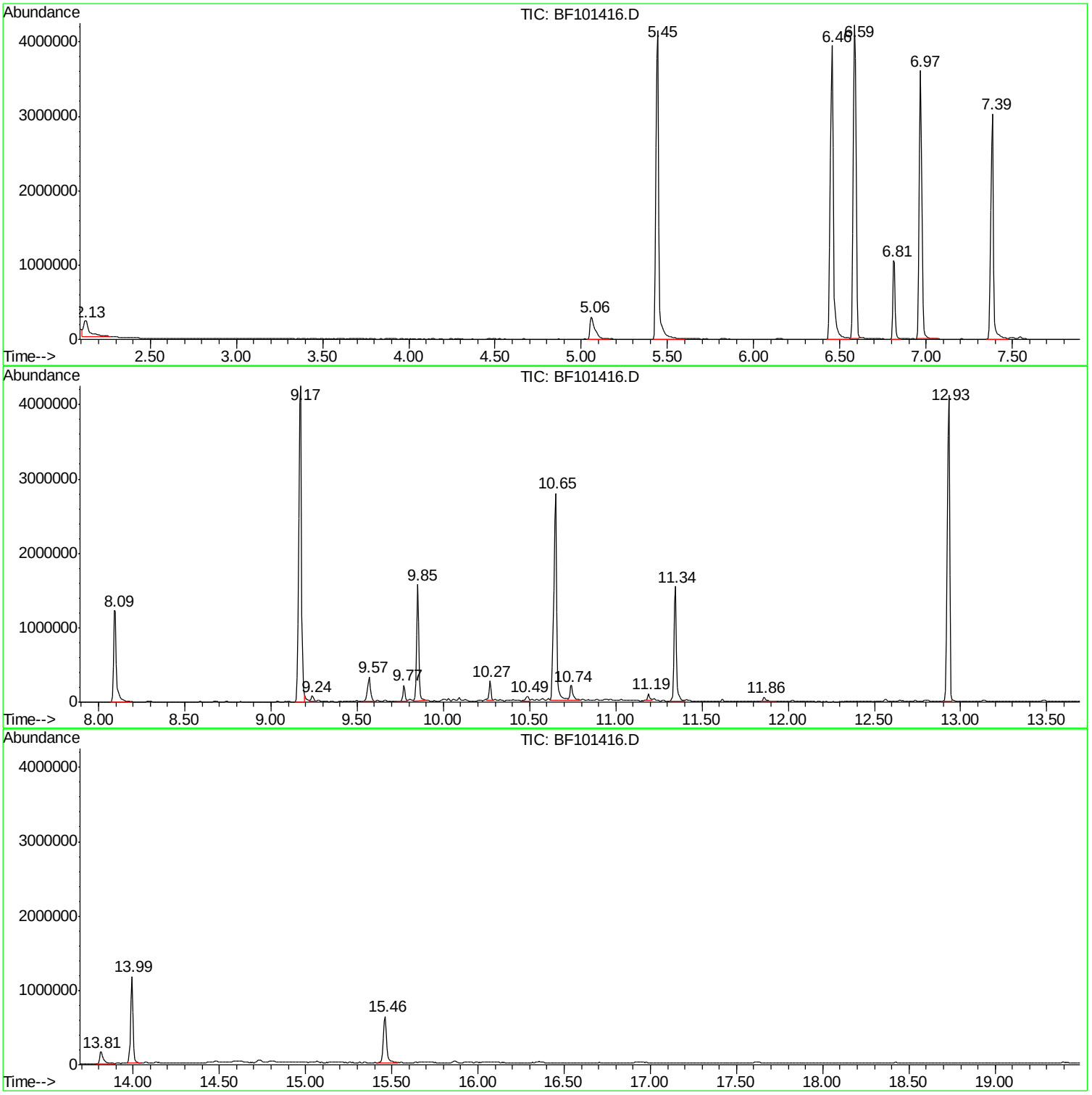
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101416.D
Acq On : 15 Dec 2017 1:37
Operator : SJ/JU
Sample : I6828-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBEW-2-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

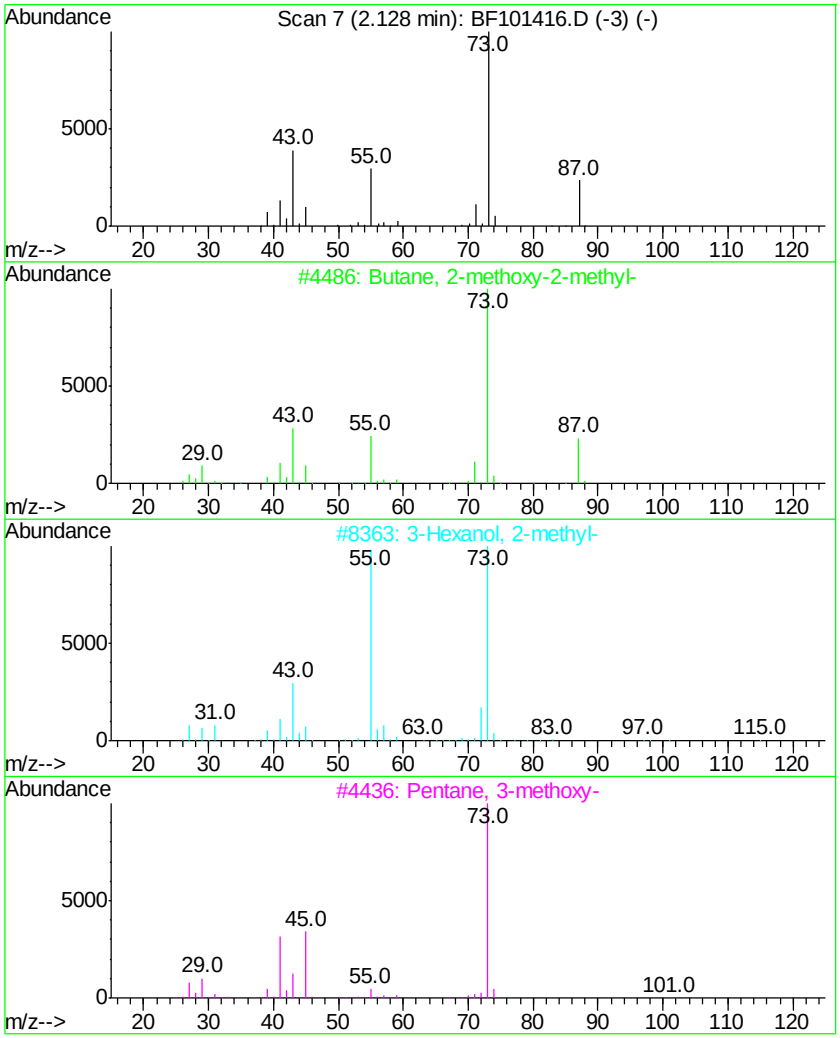
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

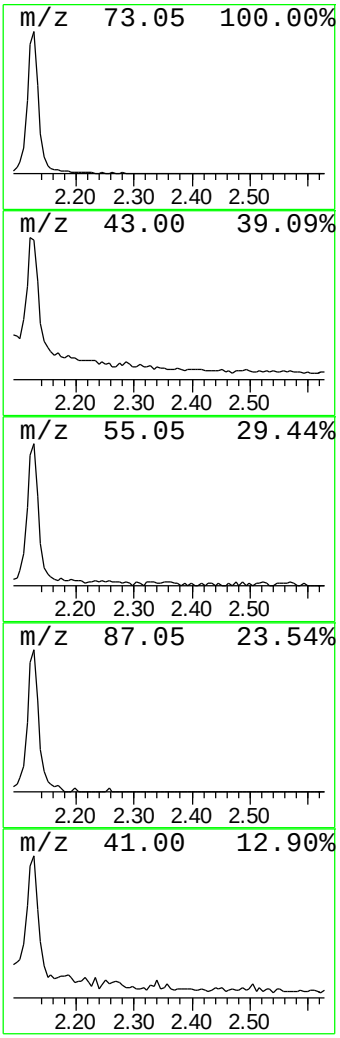
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	9.33 ng	482844	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BF101416.D
Acq On : 15 Dec 2017 1:37
Operator : SJ/JU
Sample : I6828-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBEW-2-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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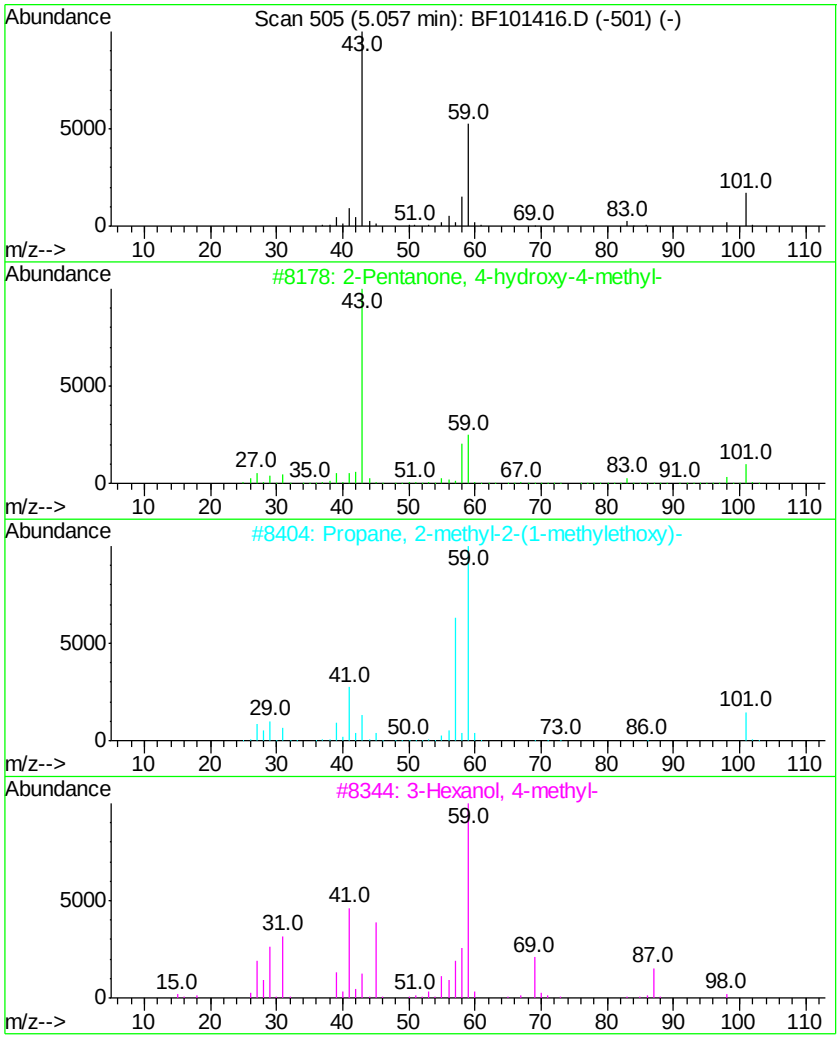
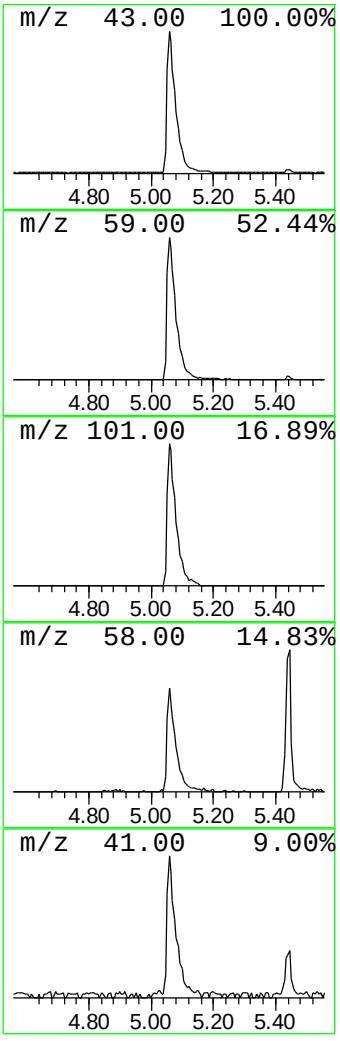
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	11.66 ng	603291	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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Acq On : 15 Dec 2017 1:37
Operator : SJ/JU
Sample : I6828-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBEW-2-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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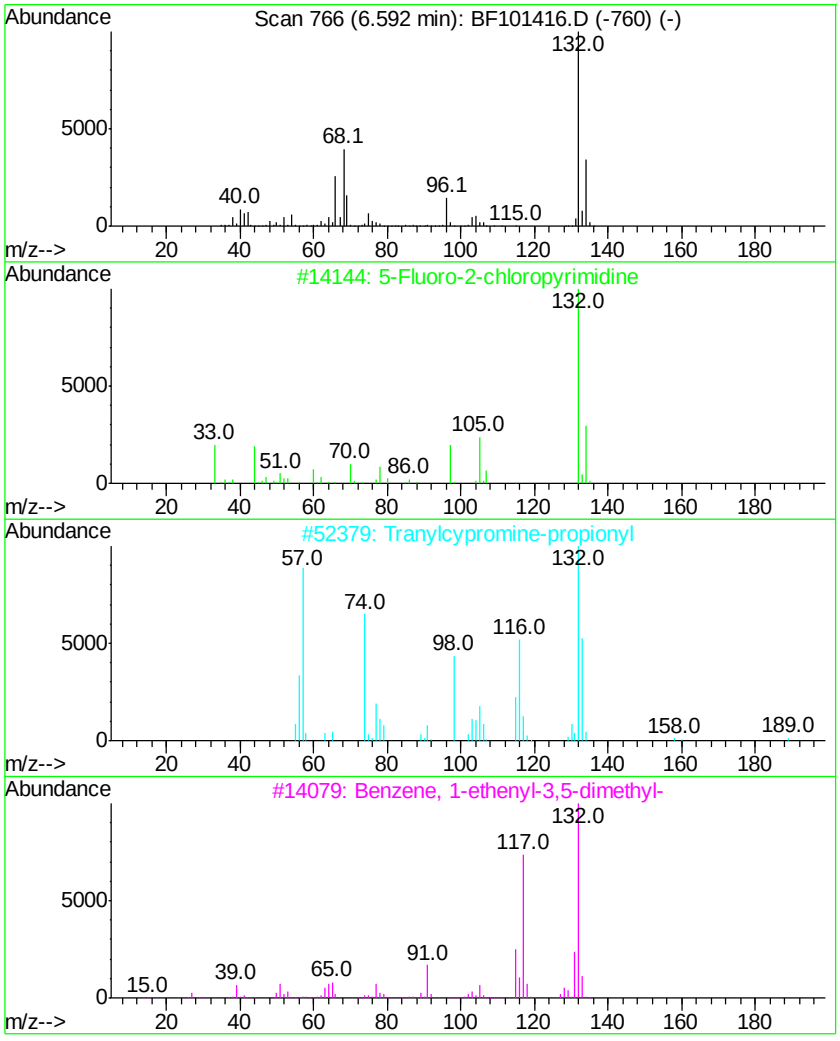
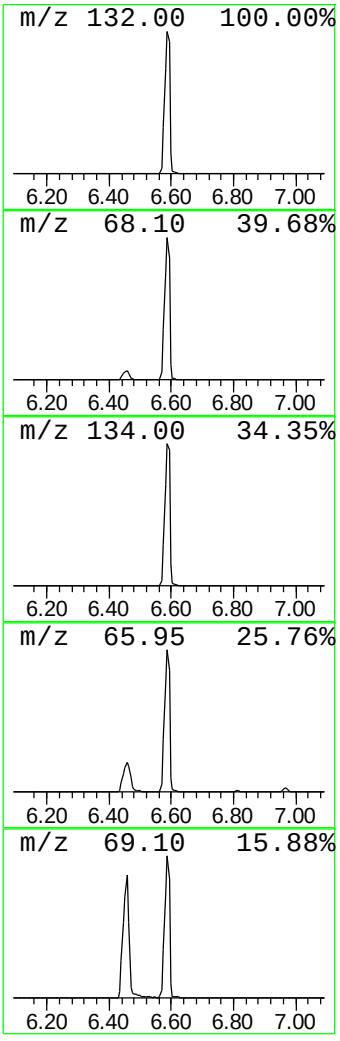
Peak Number 3 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	90.65 ng	4691940	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : DBEW-2-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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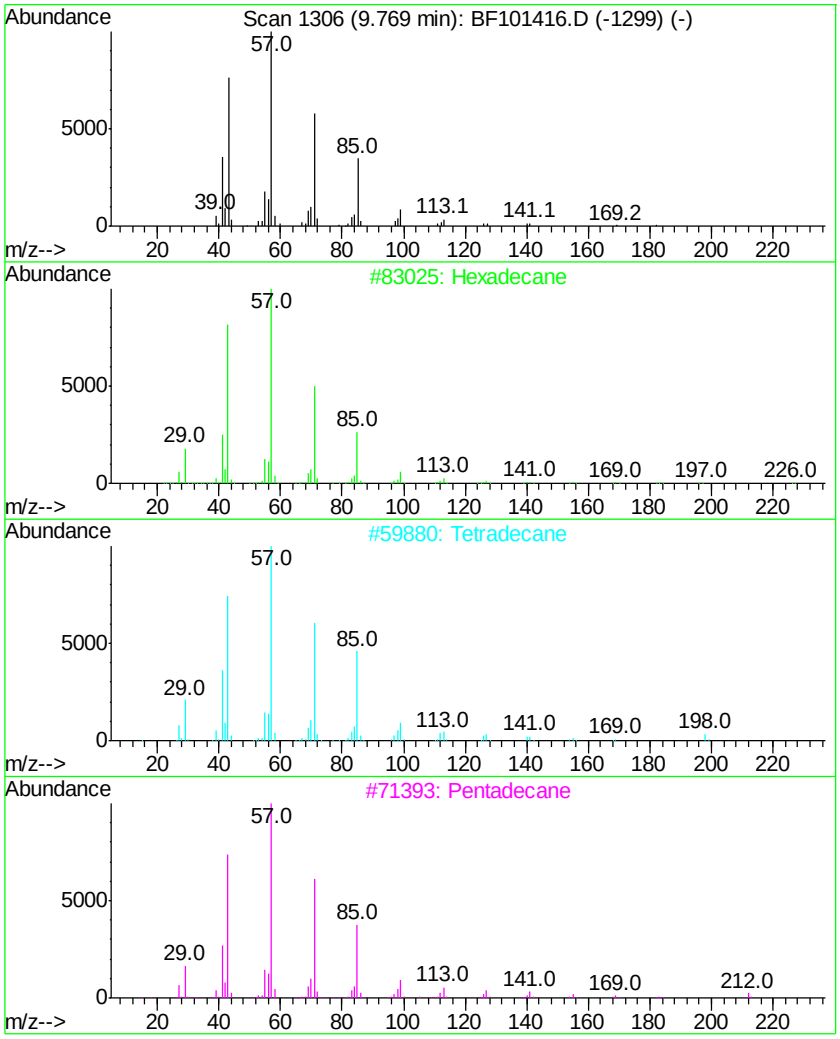
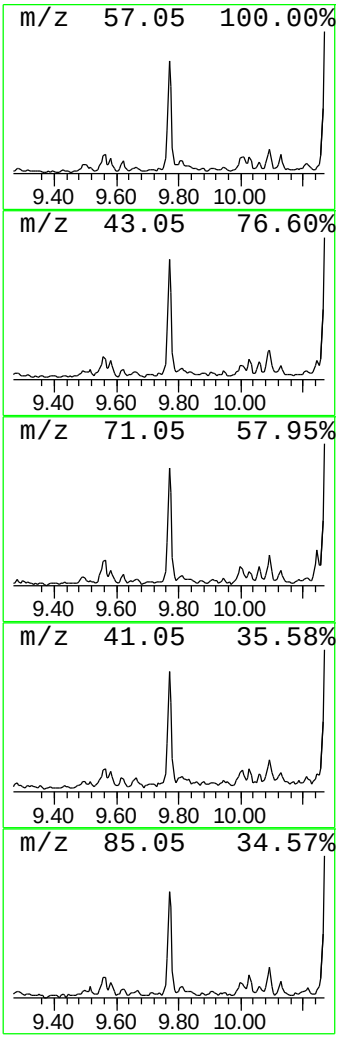
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.73 ng	203830	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBEW-2-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

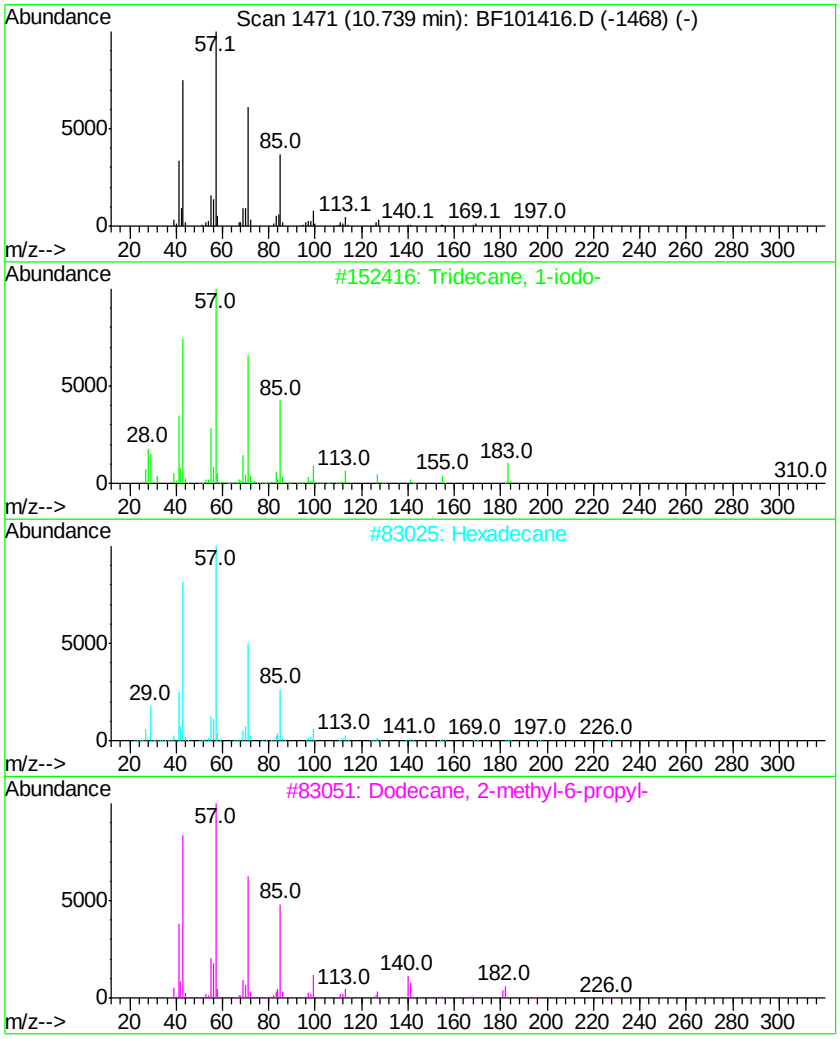
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

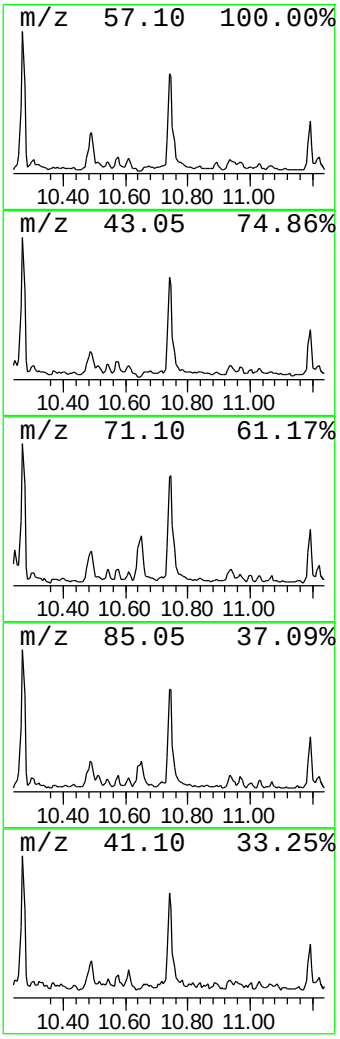
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.00 ng	236904	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83





Library Search Compound Report

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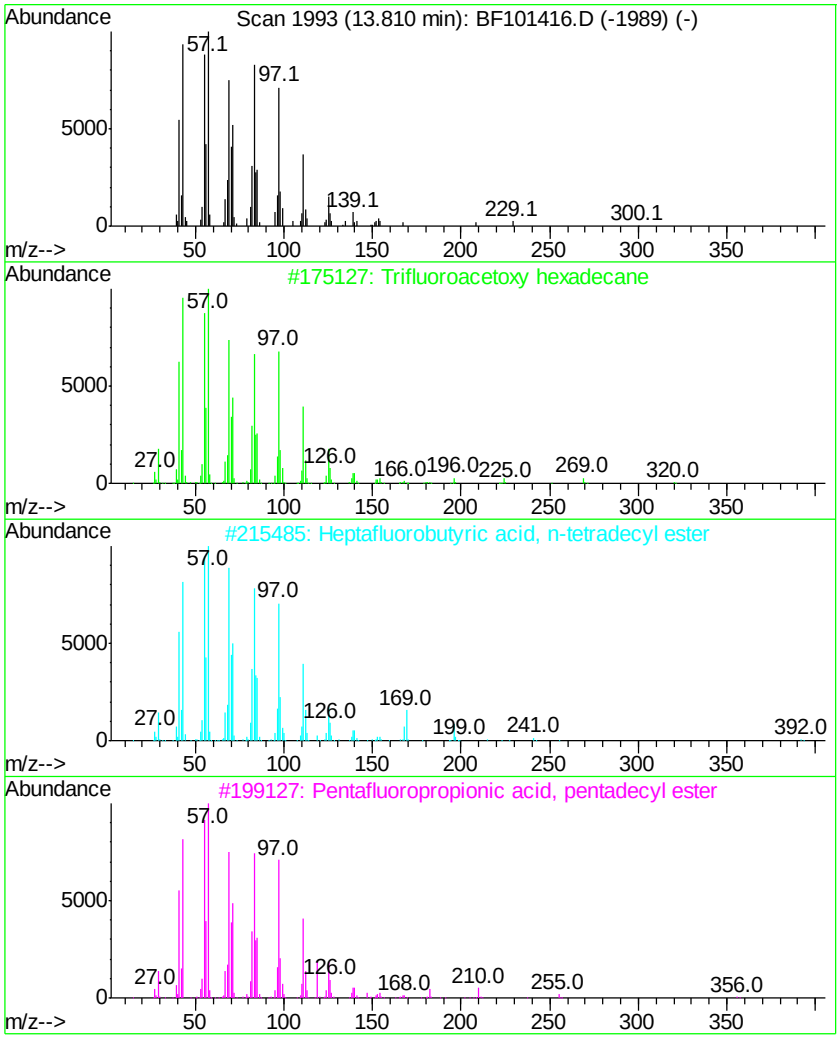
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

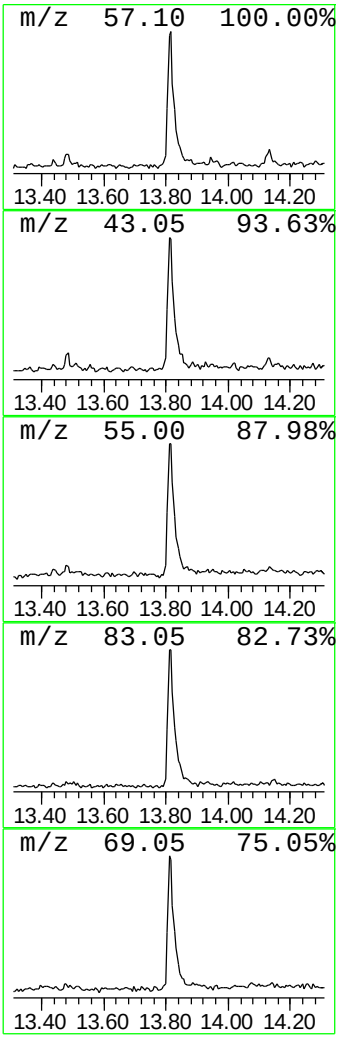
****

Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.49 ng	263247	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	9.3	ng	482844	1	6.82	1035190	20.0
2-Pentanone, 4-hy...	5.06	11.7	ng	603291	1	6.82	1035190	20.0
unknown6.59	6.59	90.7	ng	4691940	1	6.82	1035190	20.0
Hexadecane	9.77	2.7	ng	203830	3	9.85	1490650	20.0
Tridecane, 1-iodo-	10.74	3.0	ng	236904	4	11.35	1578510	20.0
Trifluoroacetoxy ...	13.81	4.5	ng	263247	5	13.99	1173680	20.0