LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110624.D
Acq On : 9 Nov 2018 13:41
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-J

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-BF110818.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	2.240	21	26	40	rVB	231084	325373	21.23%	2.340%
2	5.181	523	526	538	rBV	27130	40685	2.65%	0.293%
3	5.563	587	591	608	rBV	1452185	1376072	89.77%	9.895%
4	6.569	758	762	776	rBV	1474115	1532869	100.00%	11.022%
5	6.716	783	787	790	rBV	1631911	1477323	96.38%	10.623%
6	6.945	822	826	832	rBV	547233	445225	29.05%	3.201%
7	7.098	848	852	871	rVB	1218181	1128963	73.65%	8.118%
8	7.510	918	922	937	rBV	977962	903599	58.95%	6.497%
9	8.228	1040	1044	1060	rBV	612049	561218	36.61%	4.036%
10	9.298	1222	1226	1229	rBV	1727334	1433255	93.50%	10.306%
11	9.692	1289	1293	1304	rVB	176805	155309	10.13%	1.117%
12	9.986	1339	1343	1350	rBV	607220	525540	34.28%	3.779%
13	10.780	1474	1478	1490	rBV	574806	604435	39.43%	4.346%
14	11.480	1593	1597	1599	rBV	520723	441832	28.82%	3.177%
15	11.504	1599	1601	1605	rVB	85547	74353	4.85%	0.535%
16	11.980	1680	1682	1686	rBV2	35267	38895	2.54%	0.280%
17	12.698	1800	1804	1809	rBV	173208	151999	9.92%	1.093%
18	12.769	1813	1816	1824	rBV3	63042	82215	5.36%	0.591%
19	12.910	1837	1840	1841	rBV	25945	23075	1.51%	0.166%
20	12.927	1841	1843	1849	rVB	130056	119959	7.83%	0.863%
21	13.063	1862	1866	1869	rBV	1182593	1037226	67.67%	7.458%
22	13.257	1897	1899	1905	rVB5	15194	21097	1.38%	0.152%
23	13.486	1935	1938	1942	rBV5	18539	25031	1.63%	0.180%
24	13.774	1984	1987	1991	rBV3	15474	27773	1.81%	0.200%
25	13.939	2012	2015	2021	rBV3	68217	106868	6.97%	0.768%
26	14.127	2043	2047	2050	rBV	455582	479301	31.27%	3.446%
27	14.157	2050	2052	2058	rVB	63652	63151	4.12%	0.454%
28	14.874	2172	2174	2178	rVB	42348	41736	2.72%	0.300%
29	15.033	2198	2201	2205	rVB2	75683	74454	4.86%	0.535%
30	15.204	2227	2230	2231	rBV	39999	49477	3.23%	0.356%
31	15.227	2232	2234	2238	rVB	101412	102871	6.71%	0.740%
32	15.627	2299	2302	2303	rBV	48367	50559	3.30%	0.364%
33	15.657	2303	2307	2312	rVB	207676	266648	17.40%	1.917%
34	16.080	2375	2379	2385	rVB	77632	118611	7.74%	0.853%

LSC Area Percent Report

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Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-J

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 13906997

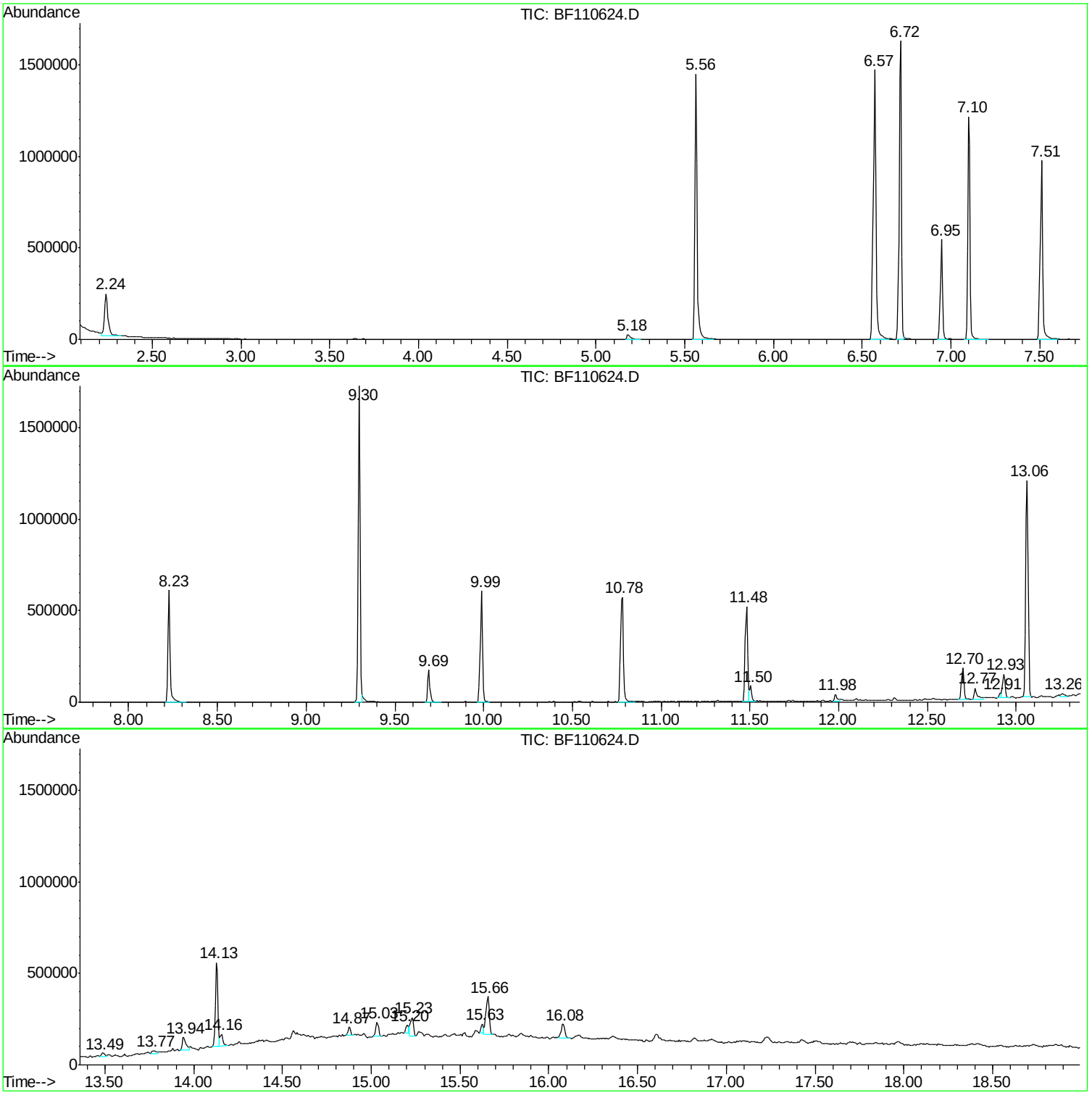
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110624.D
Acq On : 9 Nov 2018 13:41
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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 : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110624.D
Acq On : 9 Nov 2018 13:41
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

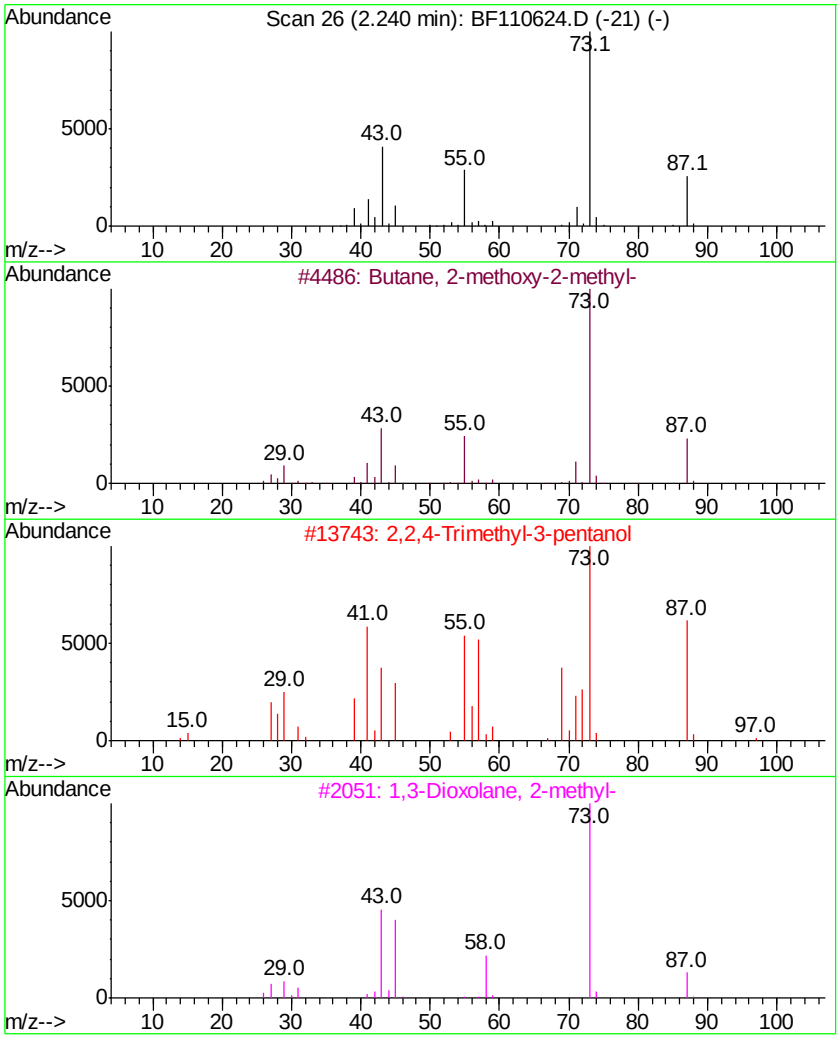
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

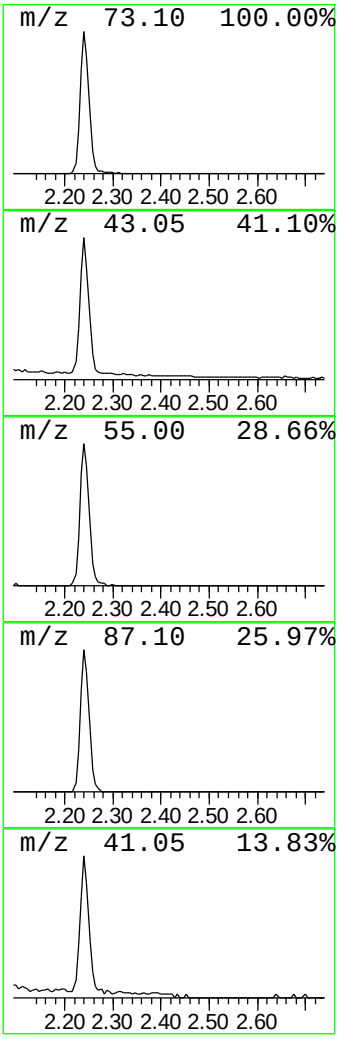
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	14.62 ng	325373	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110624.D
Acq On : 9 Nov 2018 13:41
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

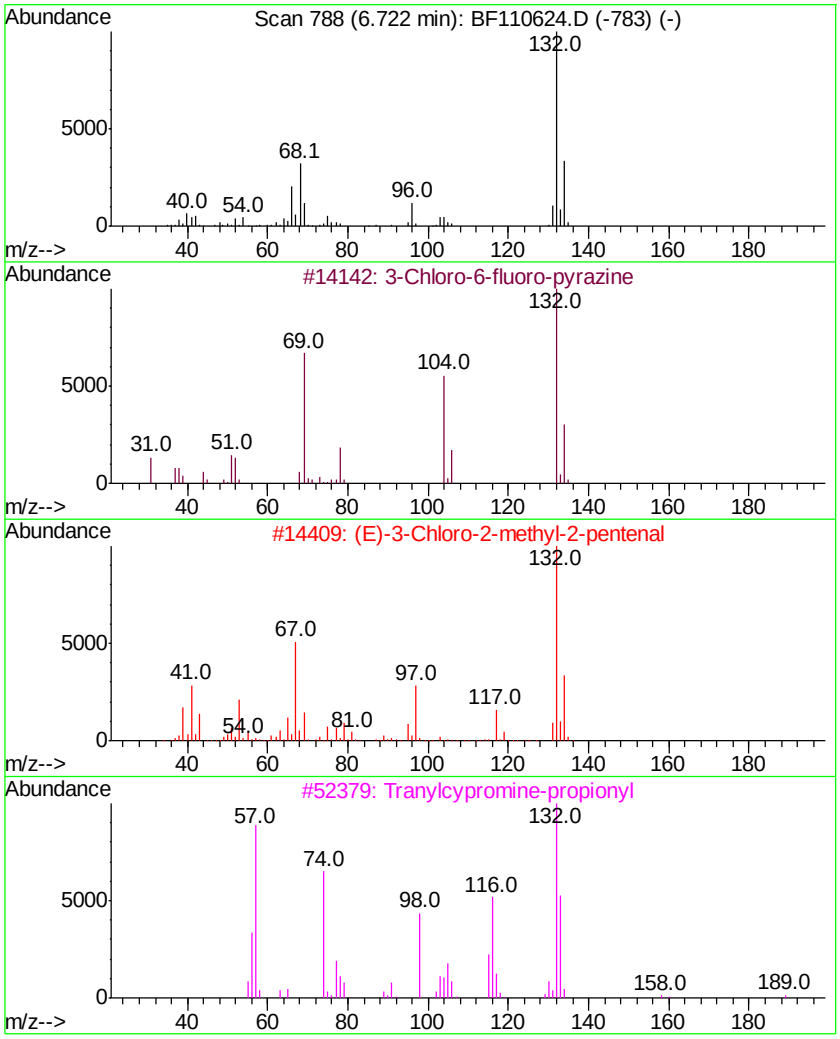
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

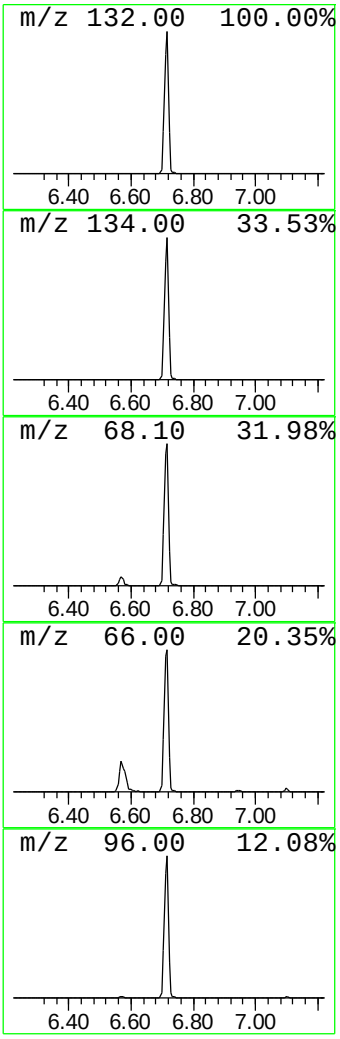
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	66.36 ng	1477320	1,4-Dichlorobenzene-d4	6.95

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Acq On : 9 Nov 2018 13:41
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

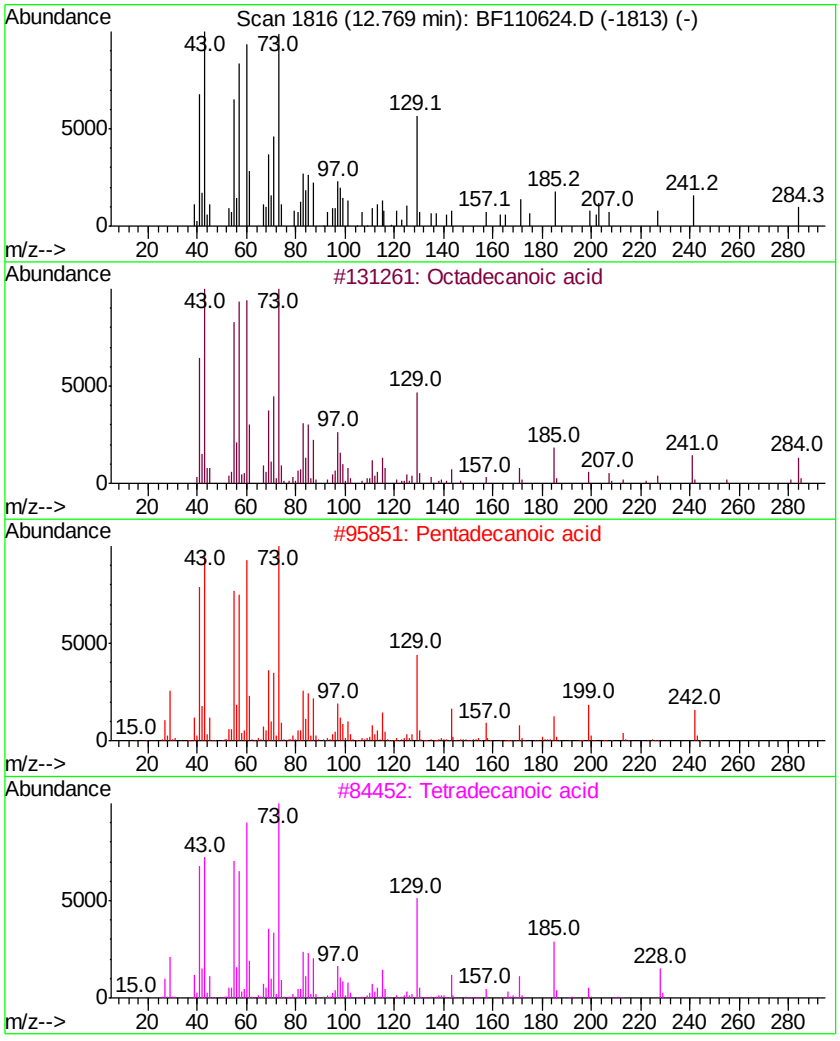
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

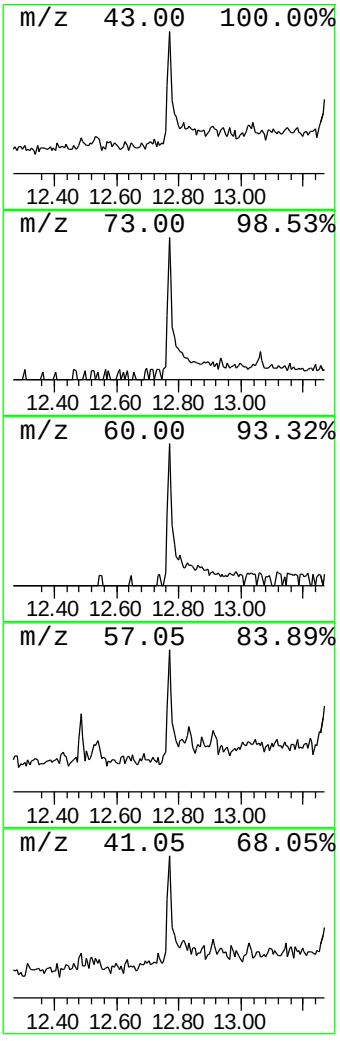
****

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.72 ng	82215	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TS-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Library : C:\DATABASE\NIST11.L
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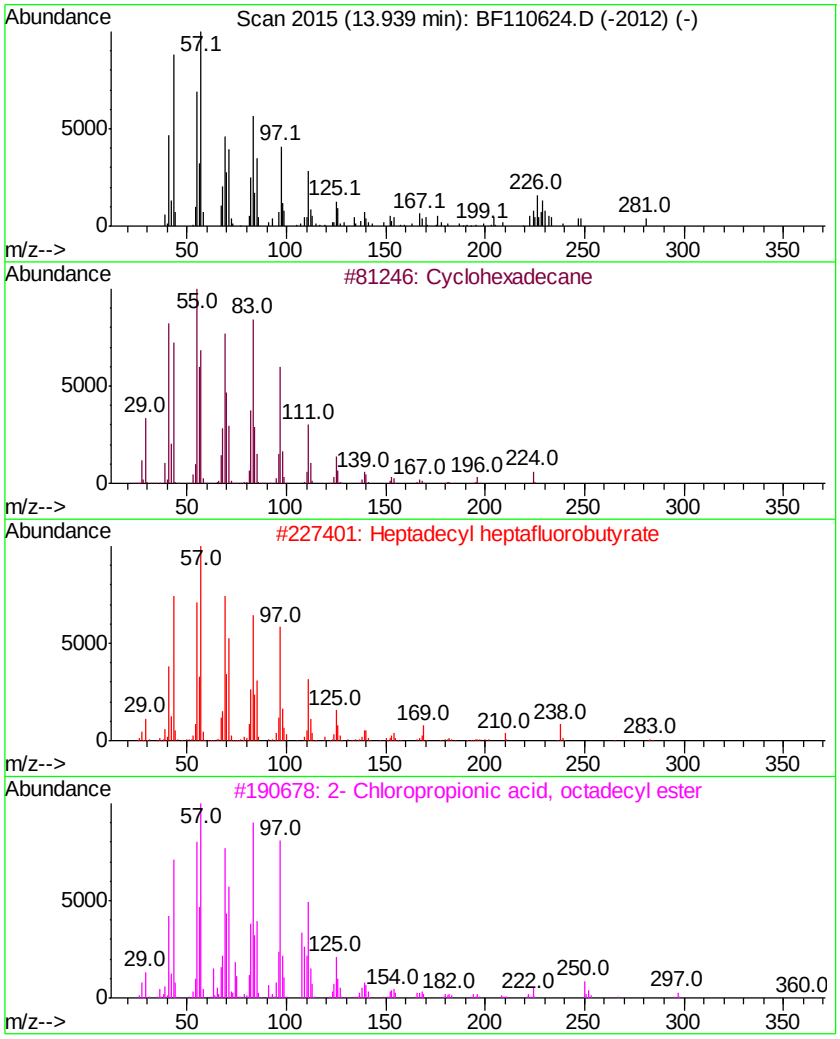
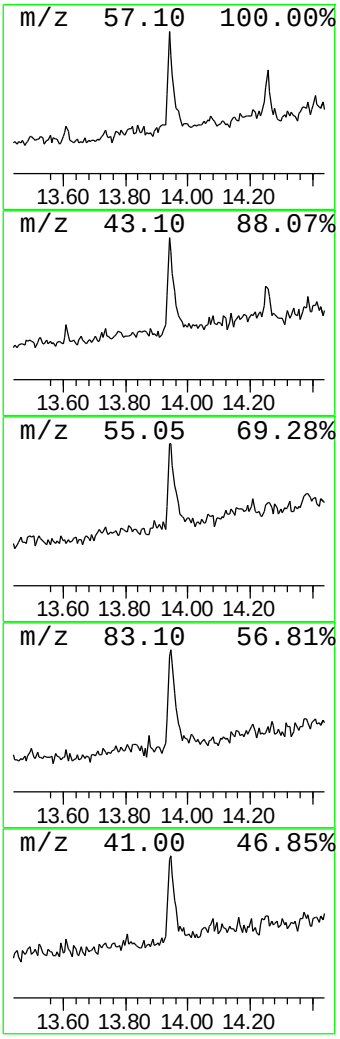
****

Peak Number 5 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.46 ng	106868	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	76





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Sample : J5813-10
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

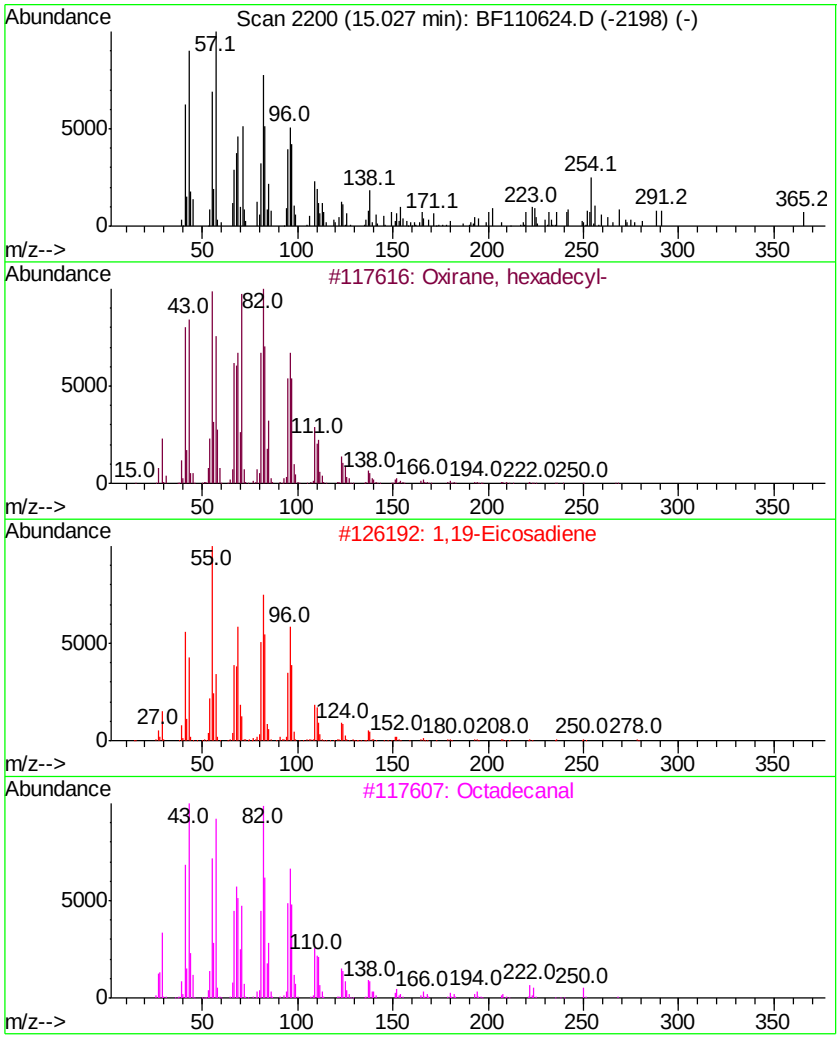
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

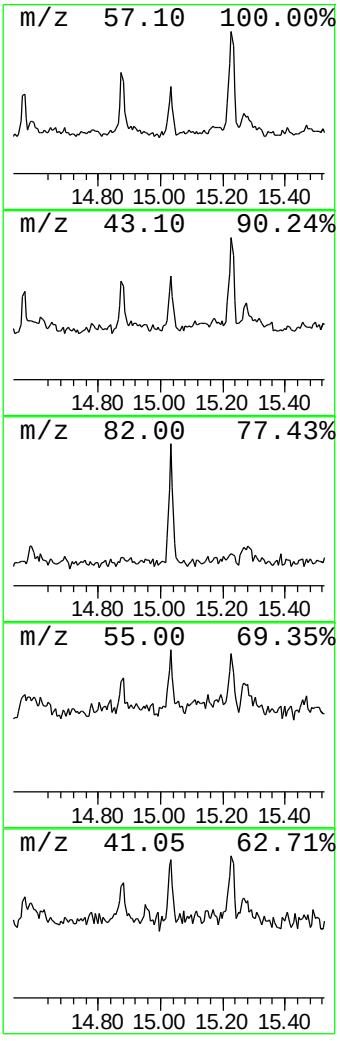
****

Peak Number 6 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.58 ng	74454	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	Octadecanal	268	C18H36O	000638-66-4	86
4	16-Heptadecenal	252	C17H32O	1000144-57-9	81
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

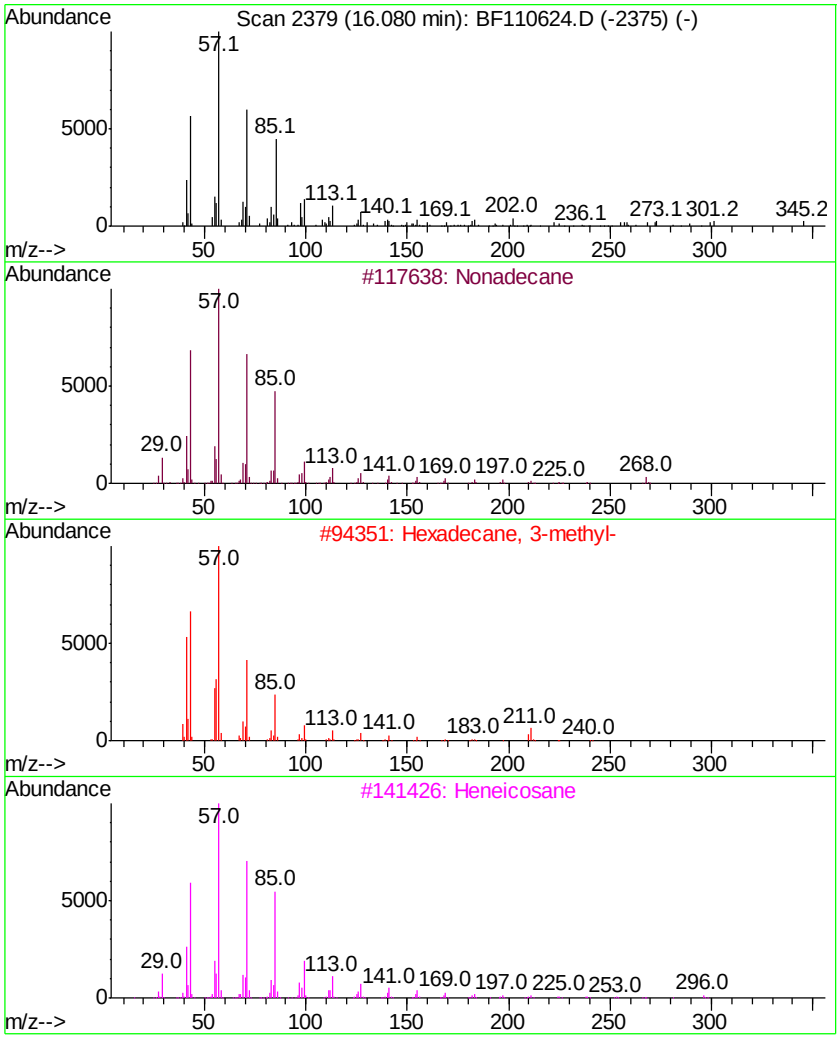
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

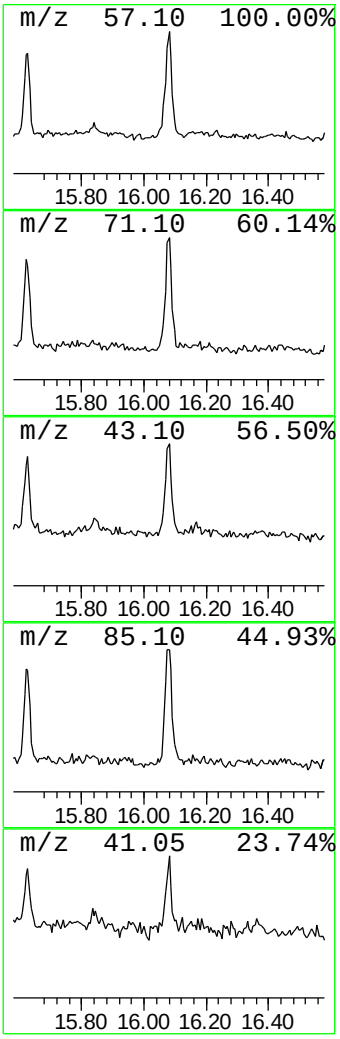
****

Peak Number 7 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	8.90 ng	118611	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	2.24	14.6	ng	325373	1	6.95	445225	20.0
unknown6.72	6.72	66.4	ng	1477320	1	6.95	445225	20.0
Octadecanoic acid	12.77	3.7	ng	82215	4	11.48	441832	20.0
Cyclohexadecane	13.94	4.5	ng	106868	5	14.13	479301	20.0
Oxirane, hexadecyl-	15.03	5.6	ng	74454	6	15.66	266648	20.0
Nonadecane	16.08	8.9	ng	118611	6	15.66	266648	20.0