LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000125.D
Acq On : 19 Feb 2018 23:55
Operator : JU/SJ
Sample : J1591-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-27

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_N\METHODS\8270-BN020718.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	3.234	37	42	51	rBV	480191	937765	2.90%	0.582%
2	3.316	51	56	81	rVB	4072211	6917477	21.38%	4.292%
3	5.934	494	501	515	rBV	2360489	3808630	11.77%	2.363%
4	7.581	774	781	794	rVB	1521066	2497734	7.72%	1.550%
5	7.975	840	848	859	rBV	5083050	8331410	25.75%	5.170%
6	8.457	923	930	941	rBV	1868852	3030428	9.36%	1.880%
7	8.787	978	986	997	rVB	7409192	12351139	38.17%	7.664%
8	9.634	1121	1130	1150	rBV	5871102	10160830	31.40%	6.305%
9	11.298	1404	1413	1420	rBV	2823144	4848356	14.98%	3.008%
10	13.698	1813	1821	1829	rBV	16819140	25104091	77.58%	15.577%
11	14.498	1951	1957	1964	rBV	362804	576587	1.78%	0.358%
12	14.928	2025	2030	2039	rVB	299149	384651	1.19%	0.239%
13	15.069	2047	2054	2062	rVB2	4314996	6674131	20.62%	4.141%
14	15.869	2178	2190	2194	rBV2	312771	618099	1.91%	0.384%
15	16.533	2297	2303	2322	rBV	7403014	10443853	32.27%	6.480%
16	16.716	2330	2334	2338	rBV	252681	357960	1.11%	0.222%
17	17.786	2508	2516	2526	rBV	5660450	8073604	24.95%	5.010%
18	18.622	2653	2658	2668	rBV	734644	1165709	3.60%	0.723%
19	19.874	2866	2871	2881	rBV	569267	953009	2.95%	0.591%
20	20.345	2945	2951	2964	rBV	24606887	32360203	100.00%	20.079%
21	21.568	3154	3159	3177	rBV	1101165	2024172	6.26%	1.256%
22	21.898	3209	3215	3224	rVB	7149404	9421561	29.11%	5.846%
23	24.380	3628	3637	3650	rVB2	4752138	10120288	31.27%	6.280%

Sum of corrected areas: 161161687

LSC Report - Integrated Chromatogram

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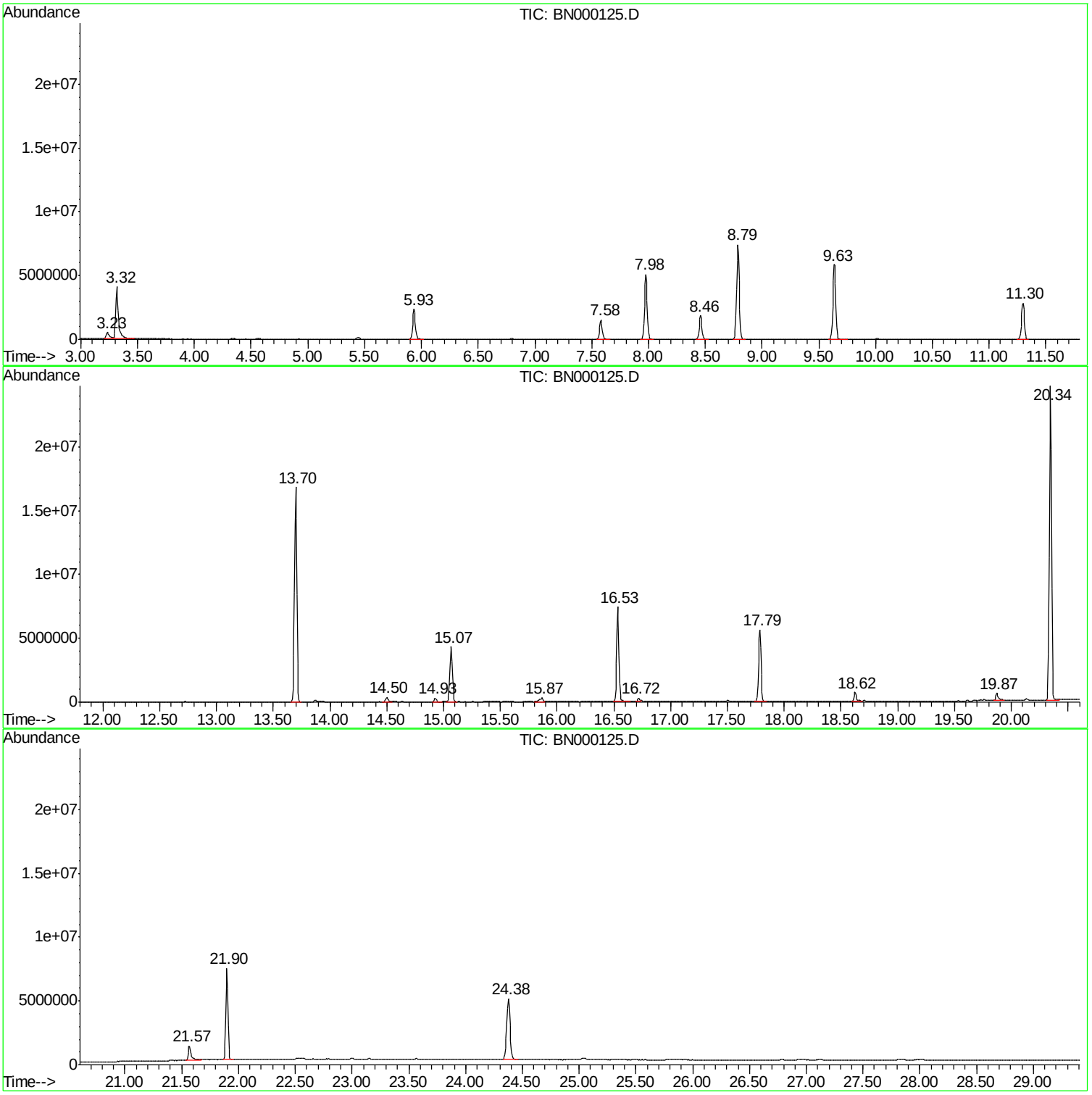
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-27

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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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TIC Library : C:\Database\NIST11.L
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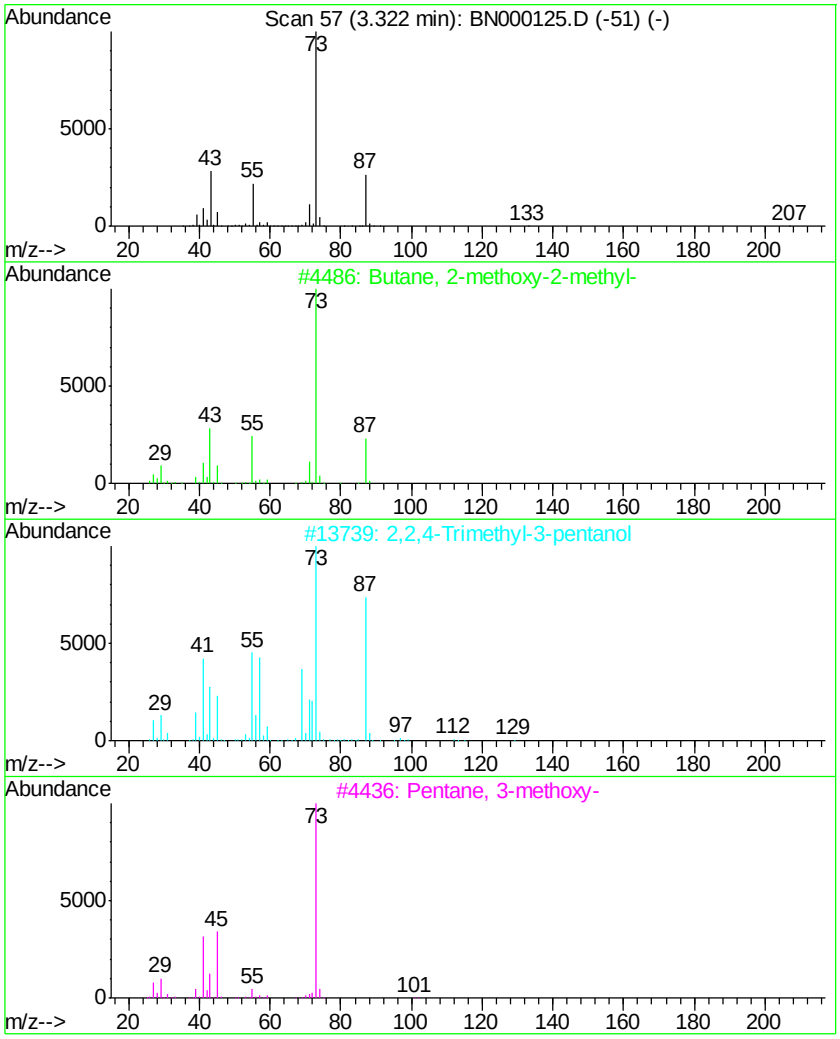
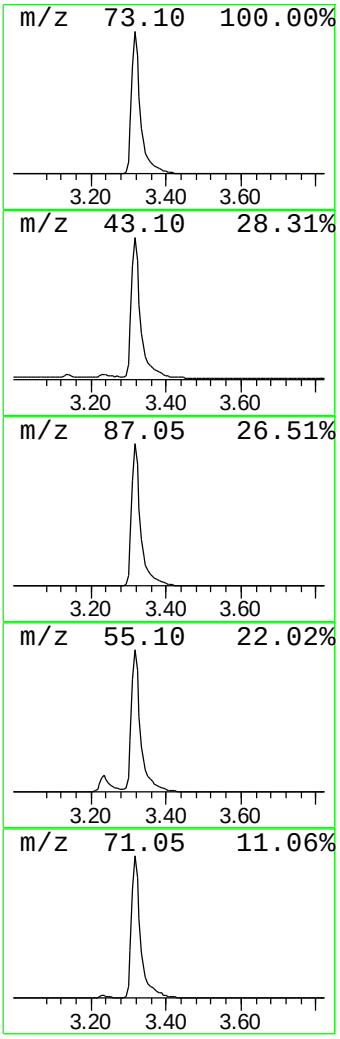
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	45.65 ng	6917480	1,4-Dichlorobenzene-d4	8.46

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	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : J1591-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-27

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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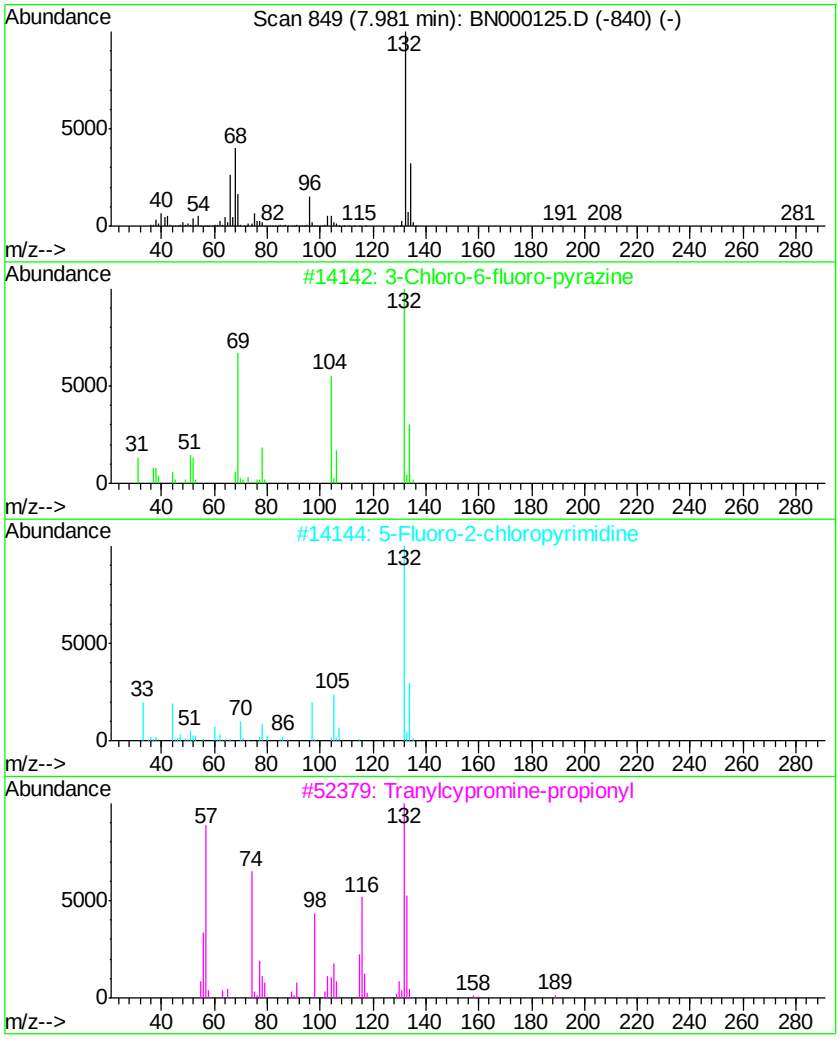
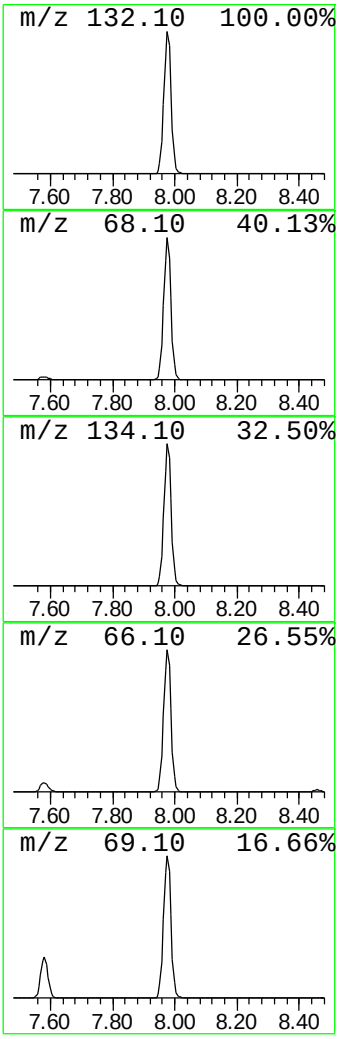
****

Peak Number 3 unknown7.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	54.99 ng	8331410	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : J1591-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-27

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
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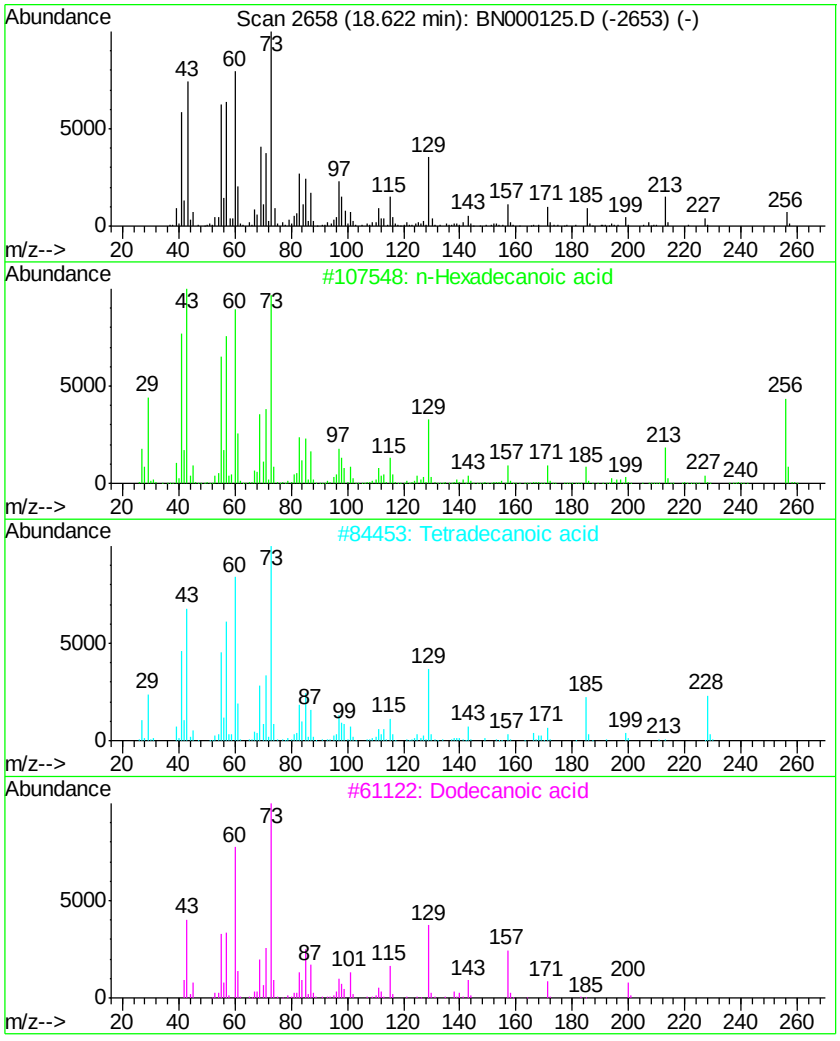
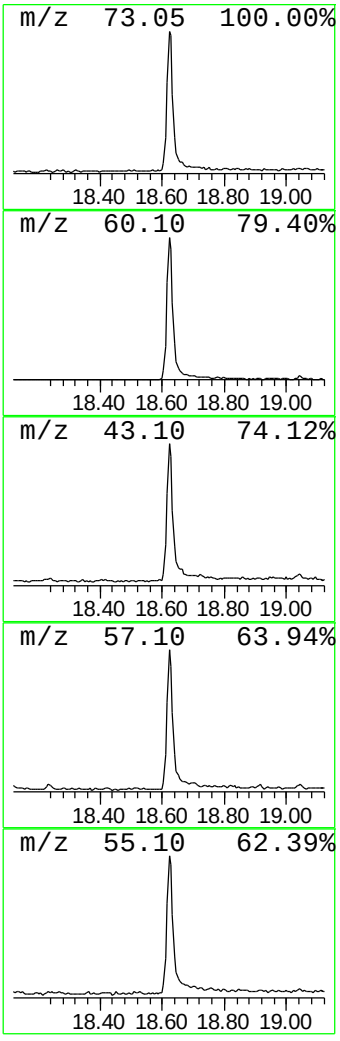
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.89 ng	1165710	Phenanthrene-d10	17.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Sample : J1591-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-27

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
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TIC Library : C:\Database\NIST11.L
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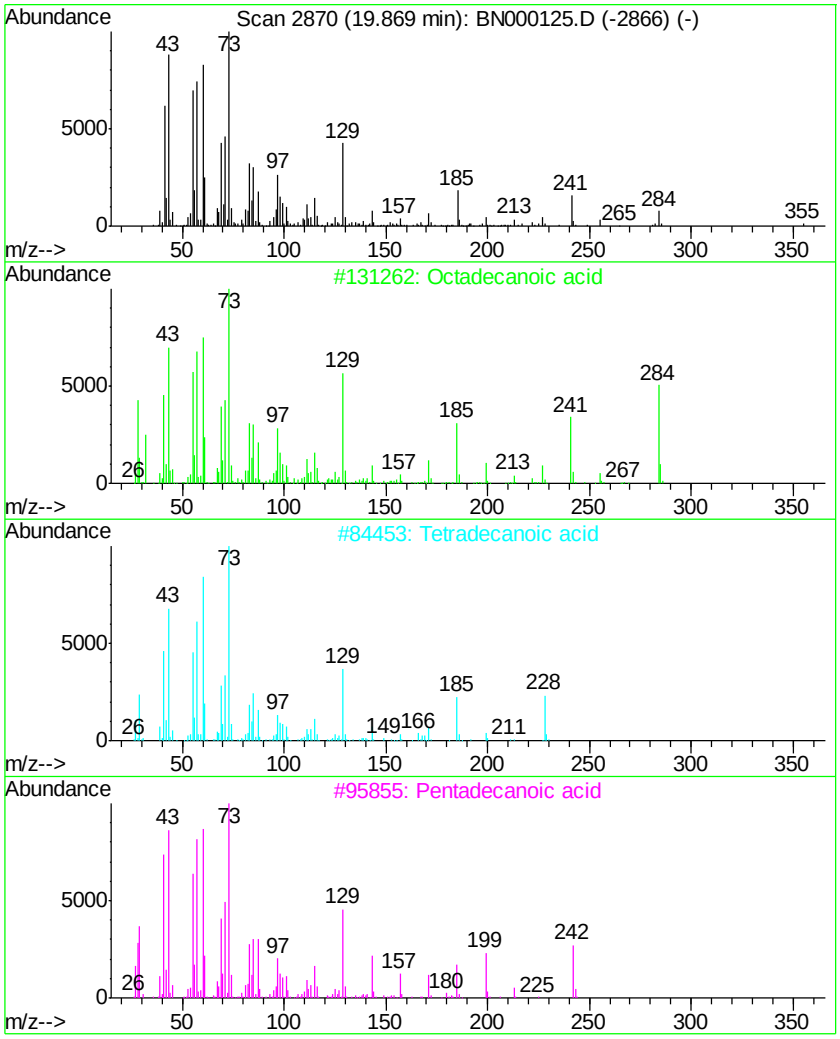
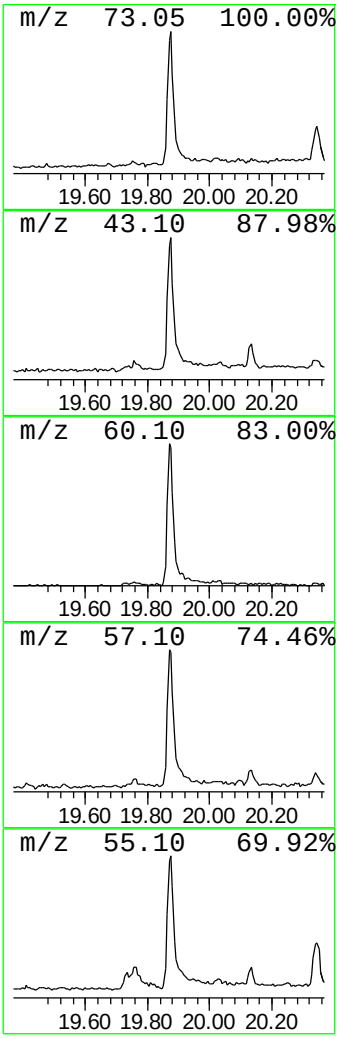
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.02 ng	953009	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000125.D
Acq On : 19 Feb 2018 23:55
Operator : JU/SJ
Sample : J1591-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-27

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

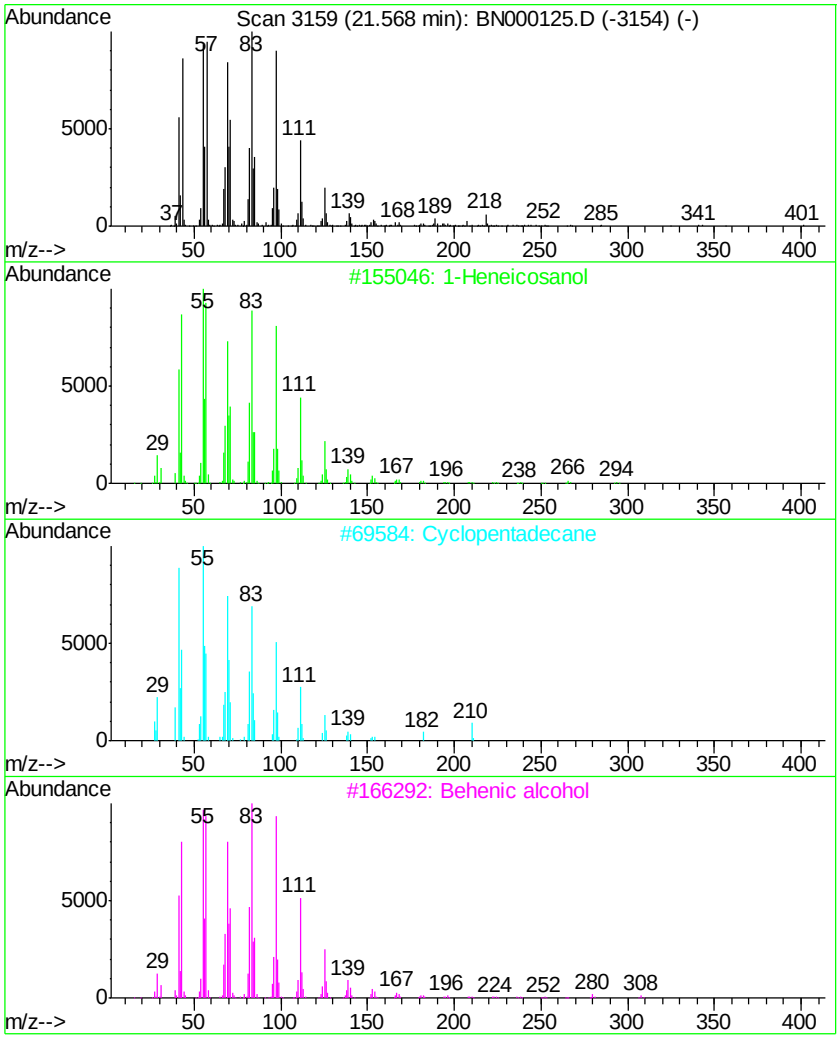
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

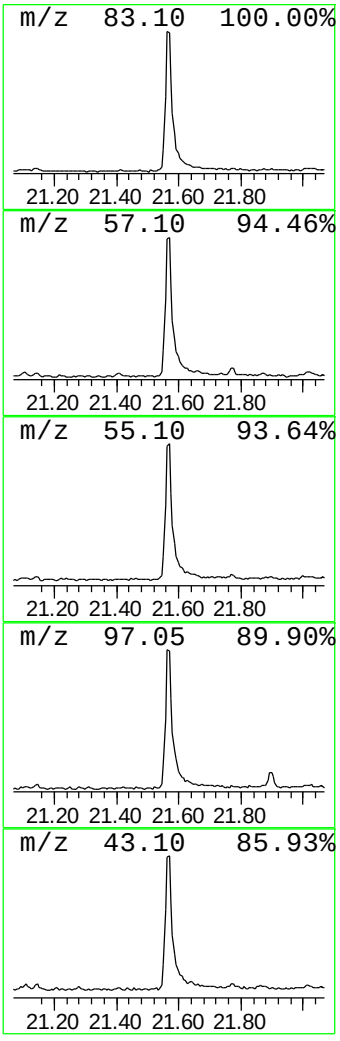
****

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	4.30 ng	2024170	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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...	3.32	45.6	ng	6917480	1	8.46	3030430	20.0
unknown7.98	7.98	55.0	ng	8331410	1	8.46	3030430	20.0
n-Hexadecanoic acid	18.62	2.9	ng	1165710	4	17.79	8073600	20.0
Octadecanoic acid	19.87	2.0	ng	953009	5	21.90	9421560	20.0
1-Heneicosanol	21.57	4.3	ng	2024170	5	21.90	9421560	20.0