LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033602.D
Acq On : 5 Apr 2018 21:04
Operator : SJ/JU
Sample : J2265-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PF-4

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_G\METHODS\8270-BG031918.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	3.476	26	32	43	rBV	59740	119534	5.04%	0.870%
2	3.564	43	47	53	rVB2	35499	51061	2.15%	0.372%
3	5.768	417	422	431	rBV	24578	44347	1.87%	0.323%
4	6.285	504	510	528	rBV	432469	912747	38.51%	6.643%
5	7.971	791	797	816	rBV	483811	1105999	46.66%	8.049%
6	8.371	858	865	883	rBV	459997	1011540	42.68%	7.362%
7	8.858	941	948	960	rBV2	79479	190695	8.05%	1.388%
8	9.193	997	1005	1019	rBV	333249	687936	29.02%	5.007%
9	10.063	1146	1153	1174	rBV	267541	656850	27.71%	4.780%
10	11.743	1430	1439	1450	rBV	140207	305317	12.88%	2.222%
11	14.105	1830	1841	1857	rBV	808247	1438876	60.71%	10.472%
12	14.898	1970	1976	1984	rBV	65866	109401	4.62%	0.796%
13	15.304	2040	2045	2051	rVB	23253	33839	1.43%	0.246%
14	15.474	2068	2074	2084	rBV2	305792	543759	22.94%	3.957%
15	16.238	2200	2204	2209	rVB2	32576	43981	1.86%	0.320%
16	16.949	2319	2325	2338	rBV	862811	1448104	61.10%	10.539%
17	17.096	2346	2350	2362	rVB	33760	63246	2.67%	0.460%
18	17.883	2479	2484	2488	rBV	20297	25074	1.06%	0.182%
19	18.206	2532	2539	2555	rBV2	417704	726275	30.64%	5.286%
20	19.005	2670	2675	2685	rBV2	69375	109914	4.64%	0.800%
21	20.727	2962	2968	2981	rBV	1712375	2370247	100.00%	17.250%
22	22.066	3190	3196	3206	rBV	137593	232872	9.82%	1.695%
23	22.548	3272	3278	3292	rBV2	389789	766497	32.34%	5.578%
24	23.465	3429	3434	3440	rBV8	25705	47066	1.99%	0.343%
25	26.308	3909	3918	3934	rVB2	194059	695406	29.34%	5.061%

Sum of corrected areas: 13740583

LSC Report - Integrated Chromatogram

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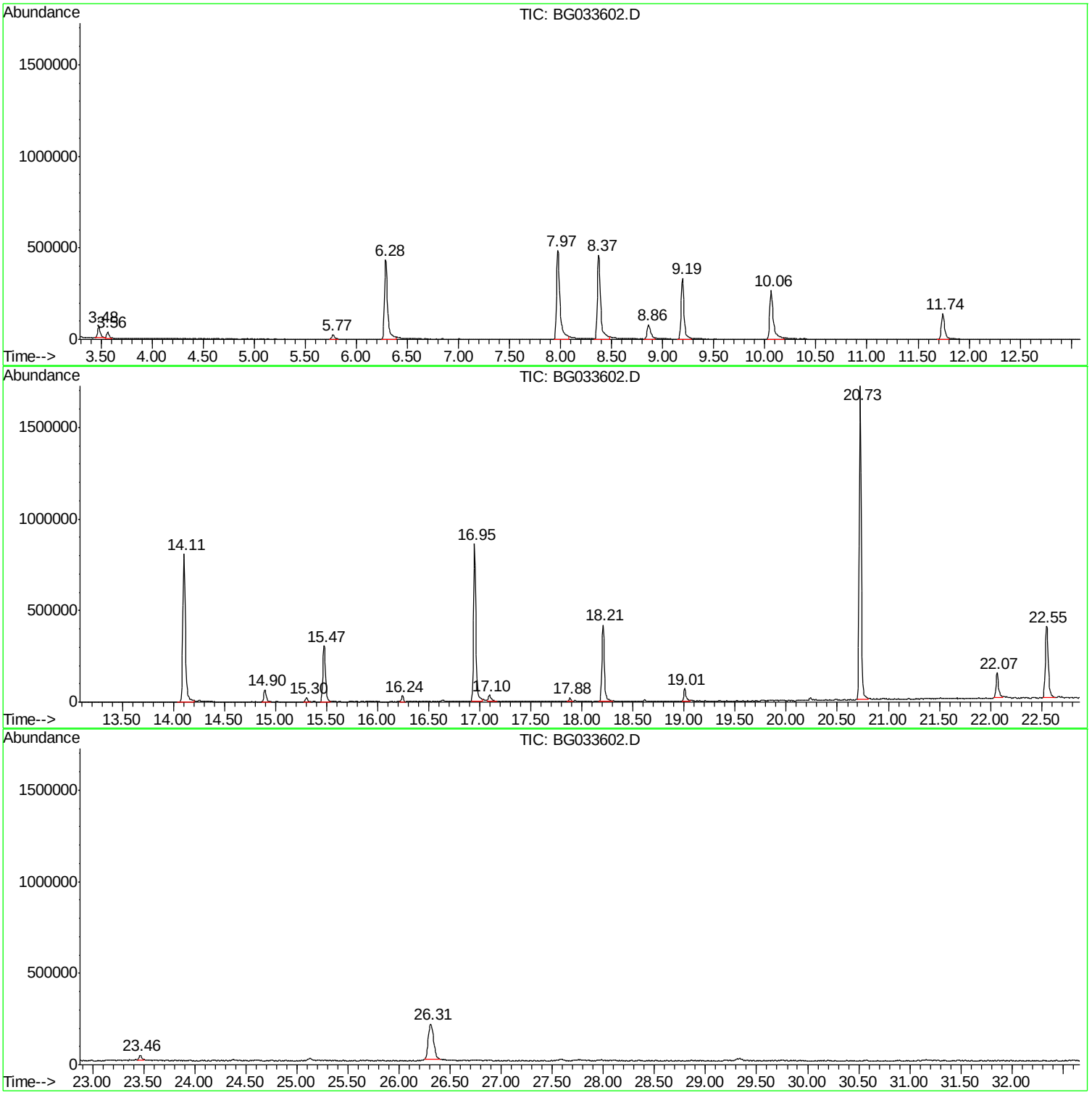
ClientSampleId : PF-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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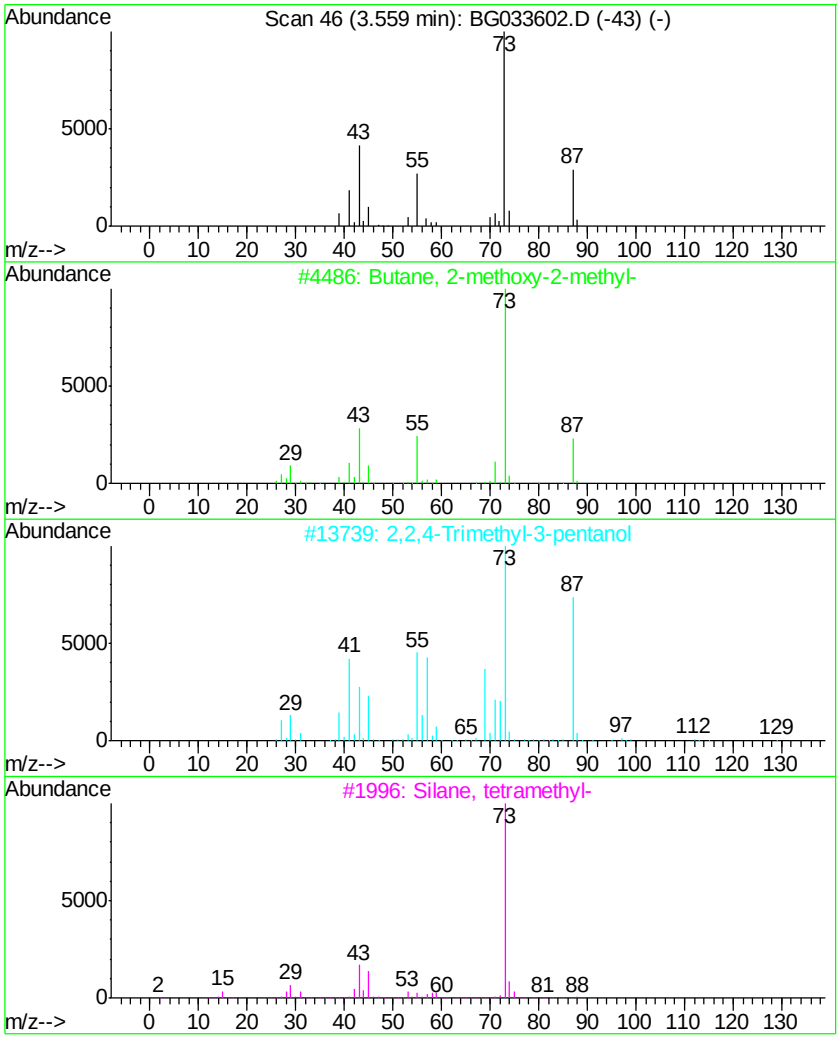
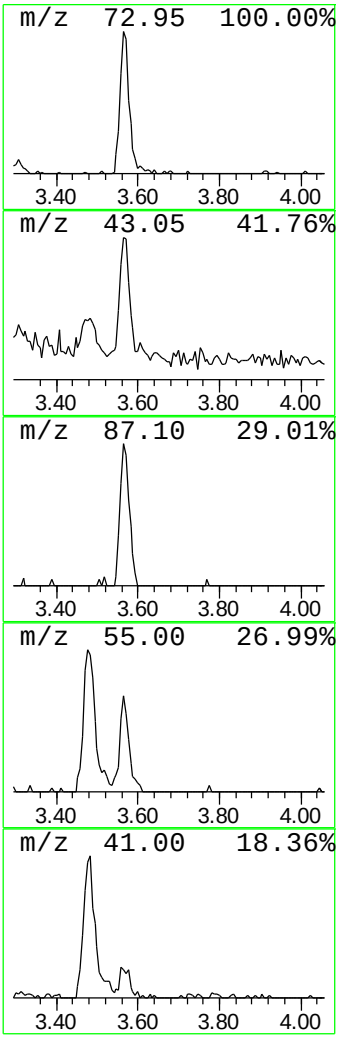
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	5.36 ng	51061	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	25
5	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	17





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Sample : J2265-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PF-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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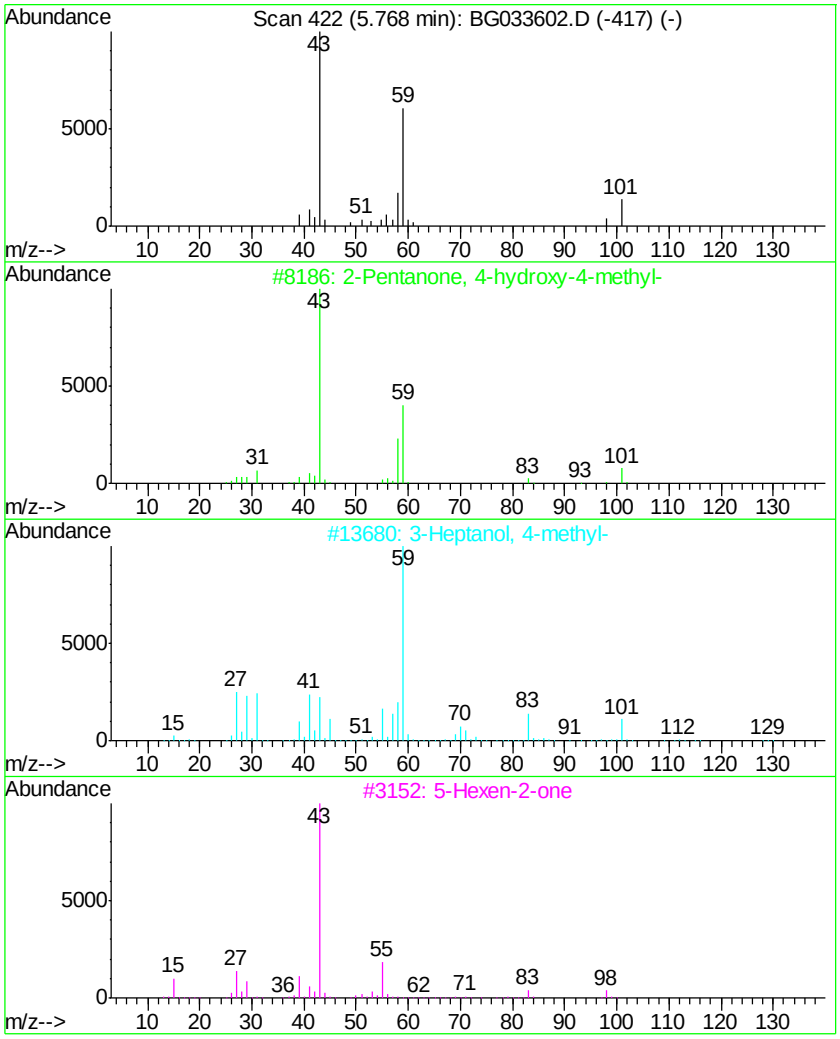
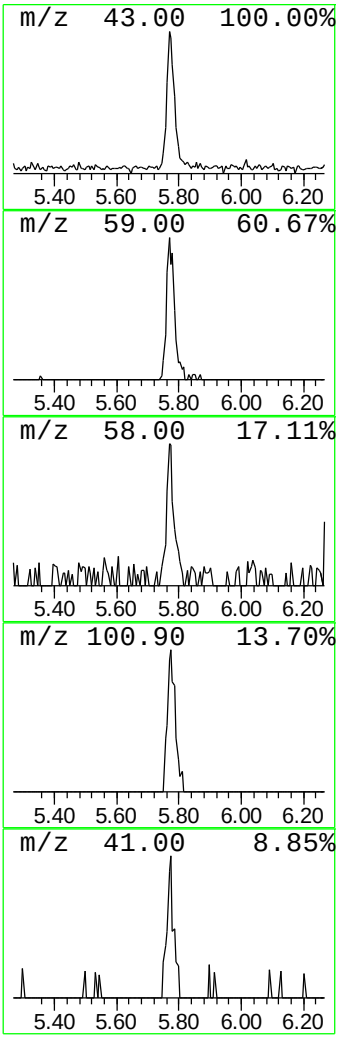
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	4.65 ng	44347	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	9





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Sample : J2265-03
Misc :
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Instrument : BNA_G
ClientSampleId : PF-4

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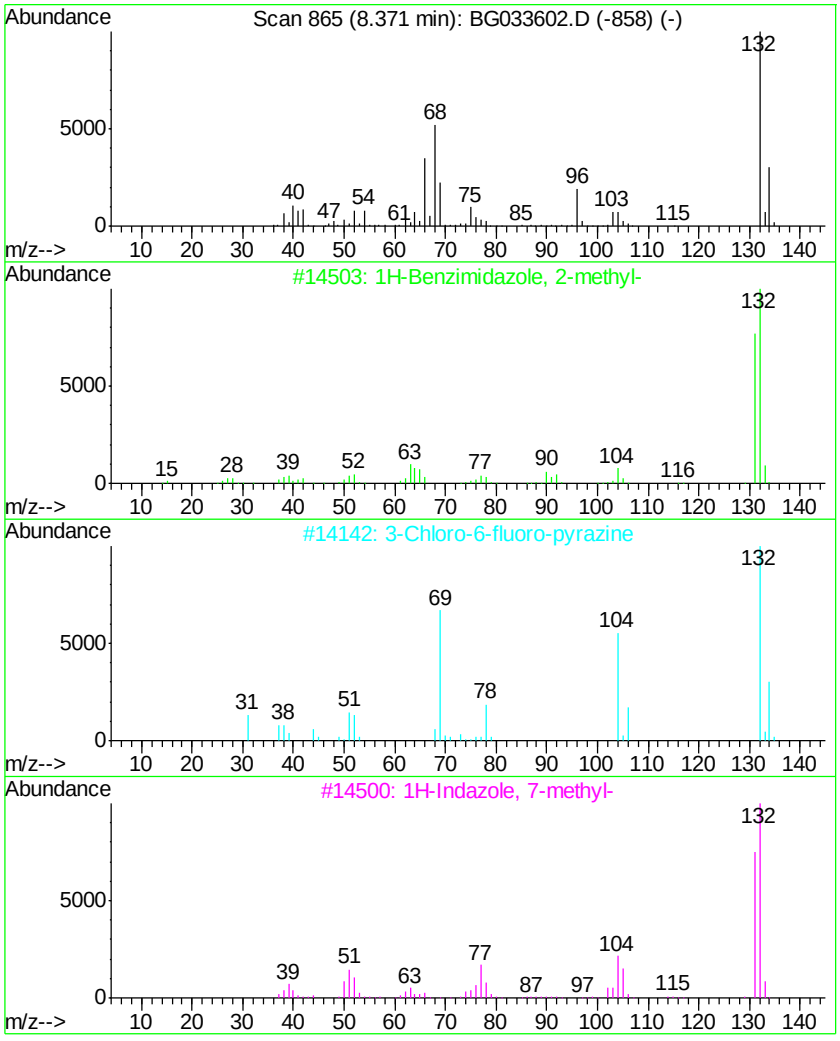
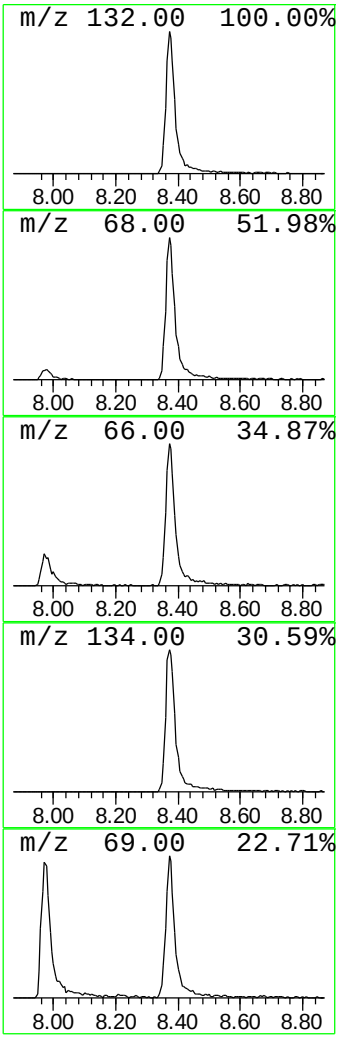
Peak Number 4 unknown8.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	106.09 ng	1011540	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Instrument : BNA_G
ClientSampleId : PF-4

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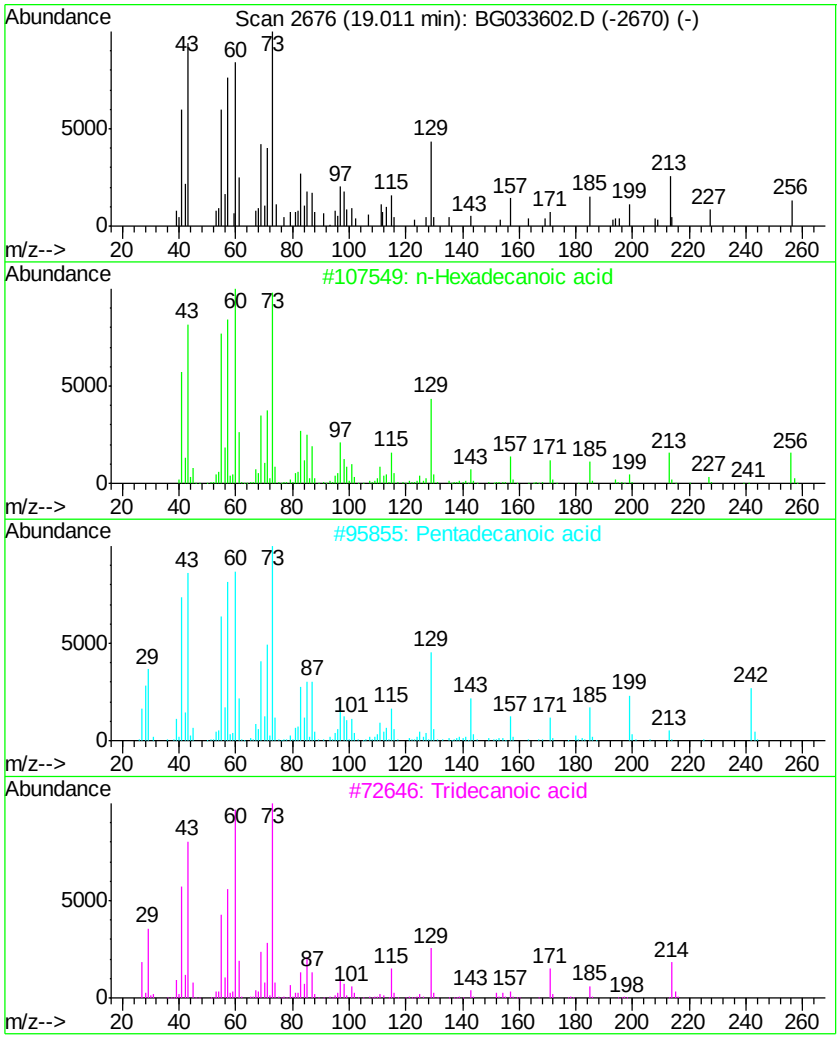
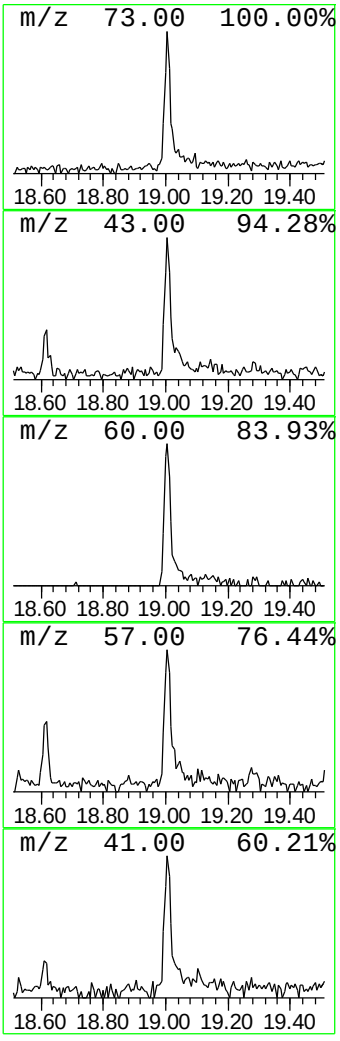
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.03 ng	109914	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Octadecanoic acid	284	C18H36O2	000057-11-4	38





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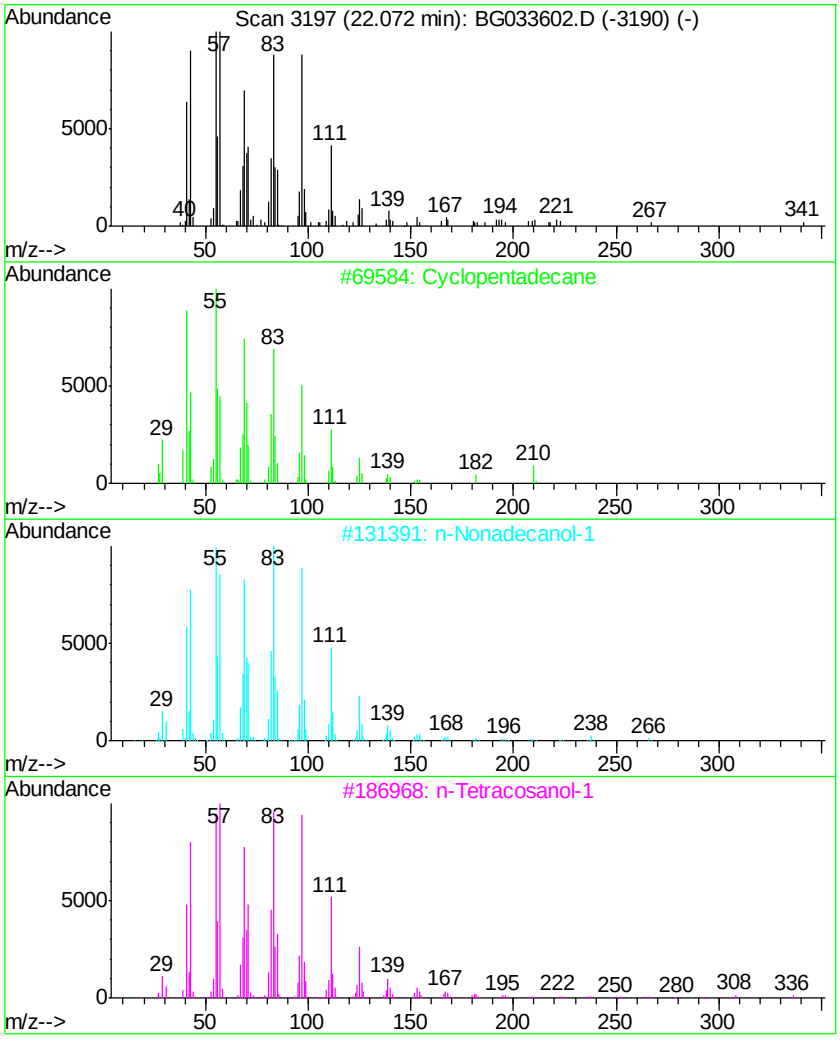
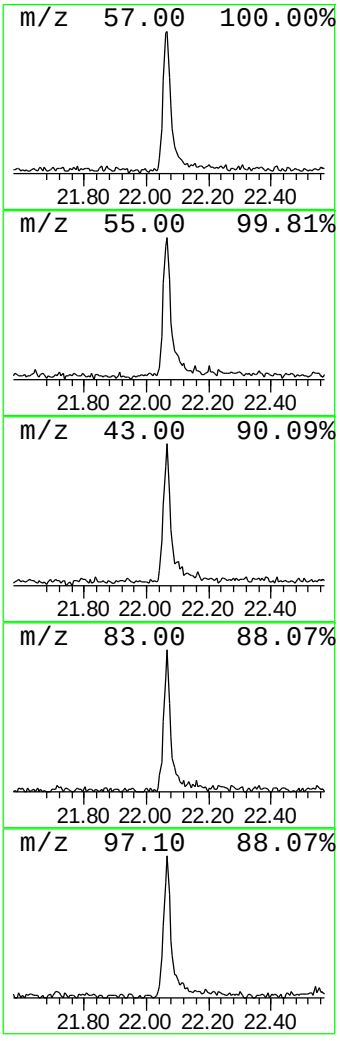
****

Peak Number 7 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	6.08 ng	232872	Chrysene-d12	22.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.56	5.4	ng	51061	1	8.86	190695	20.0
2-Pentanone, 4-hy...	5.77	4.7	ng	44347	1	8.86	190695	20.0
unknown8.37	8.37	106.1	ng	1011540	1	8.86	190695	20.0
n-Hexadecanoic acid	19.01	3.0	ng	109914	4	18.21	726275	20.0
Cyclopentadecane	22.07	6.1	ng	232872	5	22.55	766497	20.0