LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041604.D
Acq On : 4 Jul 2019 00:13
Operator : HP/JU
Sample : K3648-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-2-CORE-HOLE-2

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_G\METHODS\8270-BG062619.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	5.567	416	422	433	rBV	453139	733858	42.50%	7.042%
2	7.189	691	698	707	rBV	478081	840012	48.65%	8.060%
3	7.559	754	761	769	rBV	476789	837699	48.51%	8.038%
4	8.029	835	841	852	rVB	107626	196071	11.35%	1.881%
5	8.347	888	895	904	rBV	360546	631904	36.60%	6.063%
6	9.210	1034	1042	1052	rBV	287358	541885	31.38%	5.200%
7	10.850	1312	1321	1330	rBV	129101	243387	14.10%	2.335%
8	13.294	1730	1737	1750	rBV	729503	1150732	66.64%	11.042%
9	13.535	1772	1778	1784	rBV7	11455	20547	1.19%	0.197%
10	14.122	1872	1878	1885	rBV	87282	138501	8.02%	1.329%
11	14.674	1964	1972	1980	rBV	223338	365727	21.18%	3.509%
12	16.167	2220	2226	2240	rBV	651783	1040803	60.28%	9.987%
13	17.424	2433	2440	2447	rBV2	295501	478110	27.69%	4.588%
14	18.276	2581	2585	2589	rBV3	45801	71983	4.17%	0.691%
15	19.551	2798	2802	2806	rBV7	16928	24129	1.40%	0.232%
16	19.763	2834	2838	2841	rBV5	14612	18154	1.05%	0.174%
17	20.021	2877	2882	2894	rVB	1366812	1726742	100.00%	16.569%
18	20.291	2924	2928	2932	rBV7	40505	56238	3.26%	0.540%
19	21.302	3095	3100	3101	rBV5	18342	28519	1.65%	0.274%
20	21.696	3161	3167	3175	rBV	325805	553877	32.08%	5.315%
21	22.436	3290	3293	3300	rVB3	34815	55099	3.19%	0.529%
22	23.135	3408	3412	3418	rVB	35149	56946	3.30%	0.546%
23	23.940	3545	3549	3555	rVB4	30006	57305	3.32%	0.550%
24	24.980	3718	3726	3737	rVB2	198755	553347	32.05%	5.310%

Sum of corrected areas: 10421575

LSC Report - Integrated Chromatogram

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Misc :
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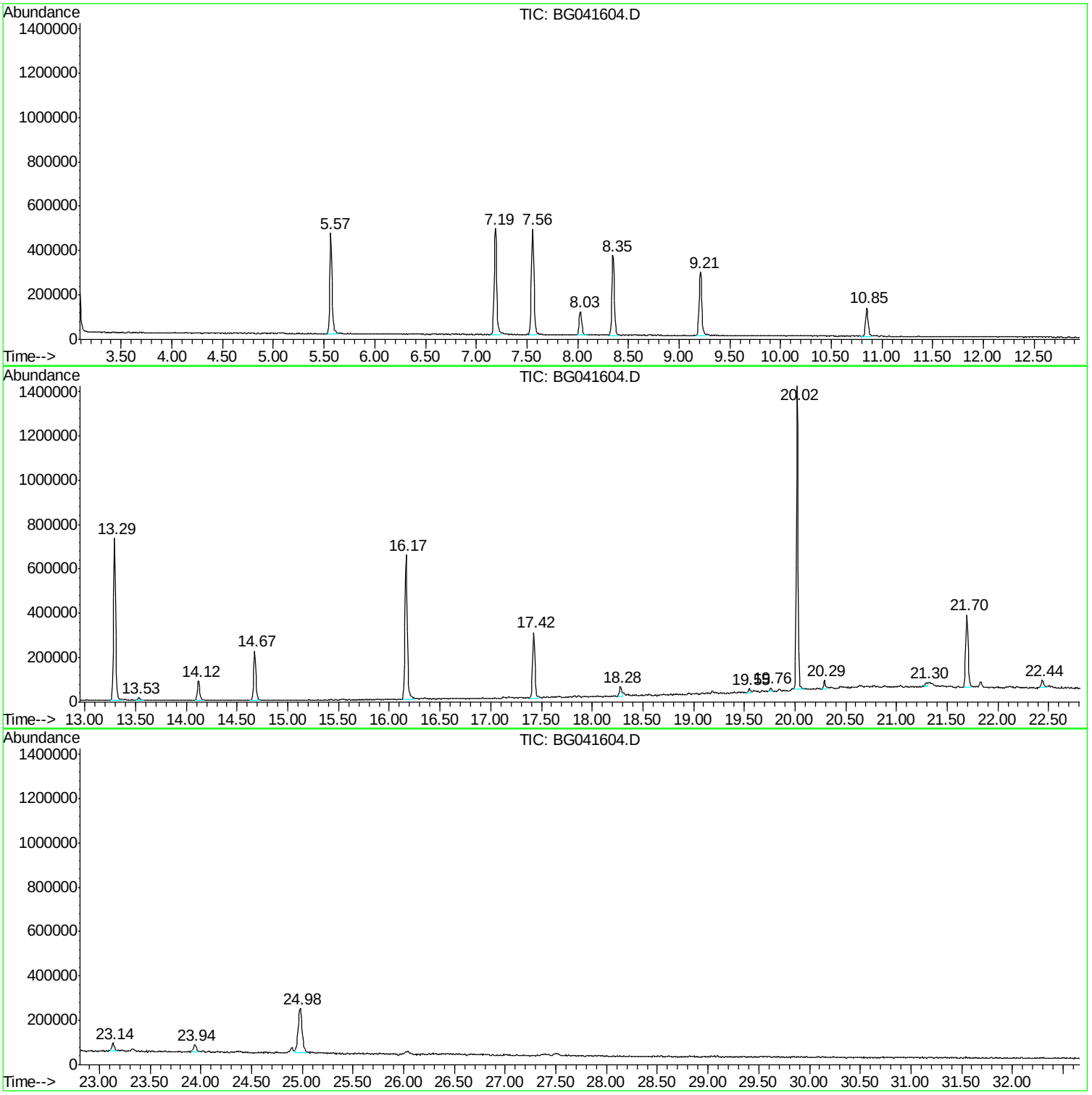
Instrument : BNA_G
ClientSampleId : C-2-CORE-HOLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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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Instrument : BNA_G
ClientSampleId : C-2-CORE-HOLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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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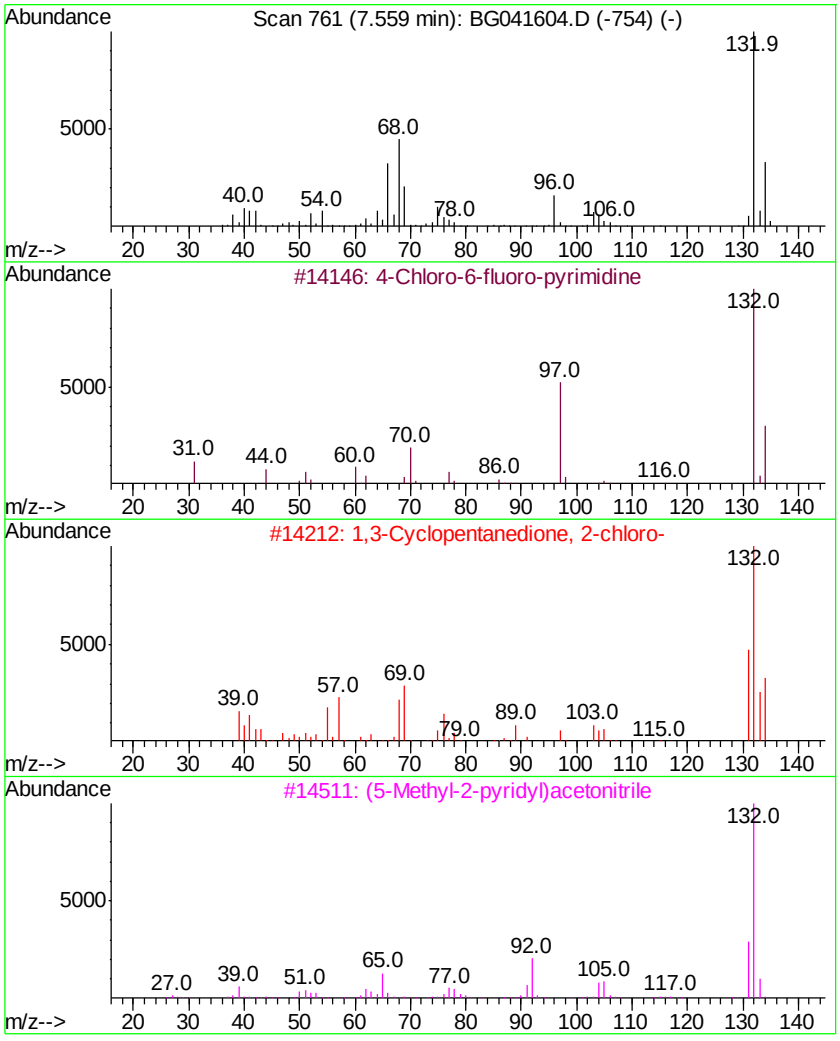
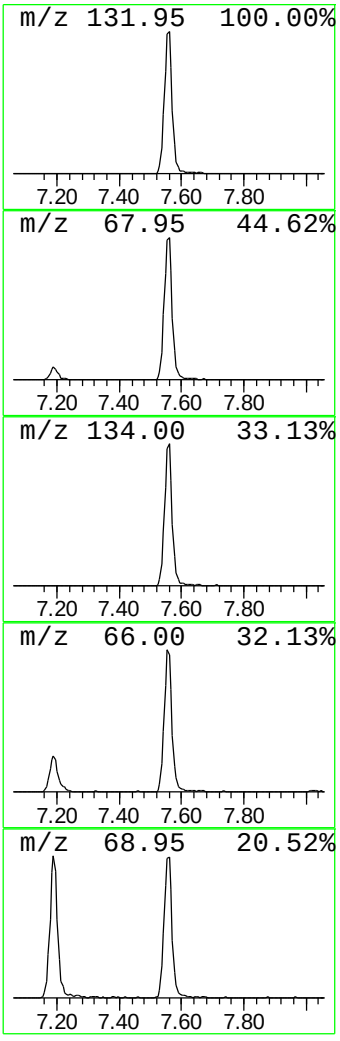
Peak Number 1 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	85.45 ng	837699	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Library Search Compound Report

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Sample : K3648-02
Misc :
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Instrument : BNA_G
ClientSampleId : C-2-CORE-HOLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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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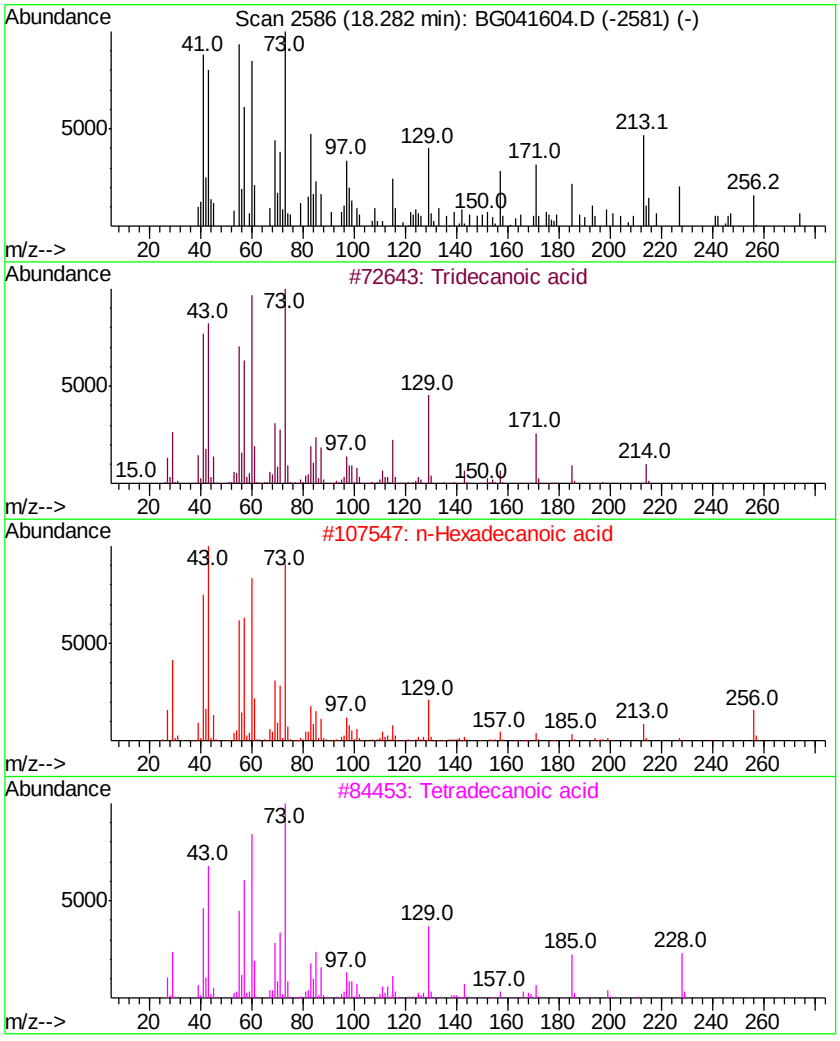
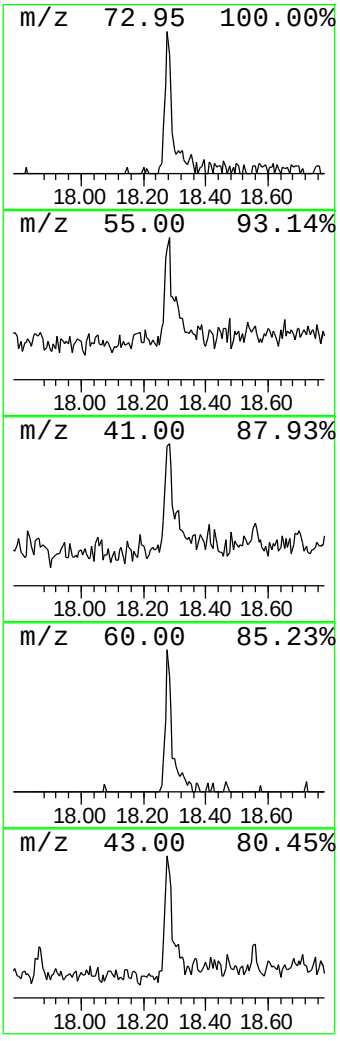
Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.01 ng	71983	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Operator : HP/JU
Sample : K3648-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-2-CORE-HOLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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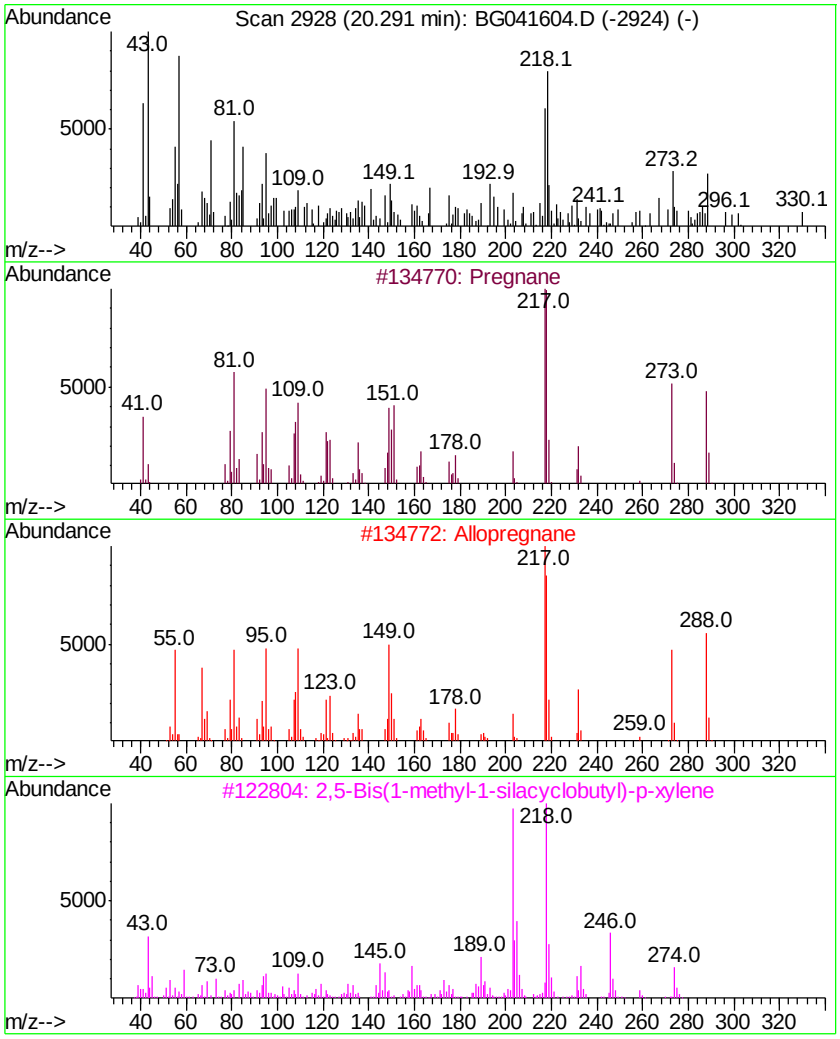
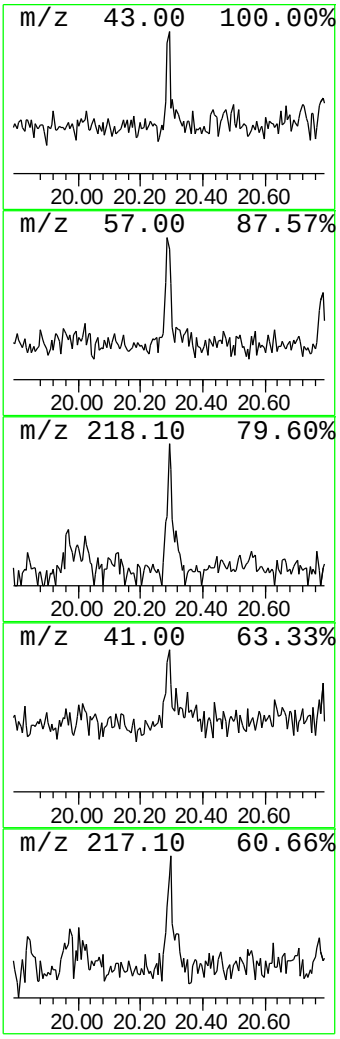
Peak Number 4 unknown20.29 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.03 ng	56238	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnane	288	C21H36	000481-26-5	38
2	Allopregnane	288	C21H36	000641-85-0	38
3	2,5-Bis(1-methyl-1-silacyclobutyl...	274	C16H26Si2	1000280-74-9	38
4	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	38
5	4-Piperonyl-5-pyrazolone	218	C11H10N2O3	014731-80-7	30





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-2-CORE-HOLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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TIC Library : C:\Database\NIST11.L
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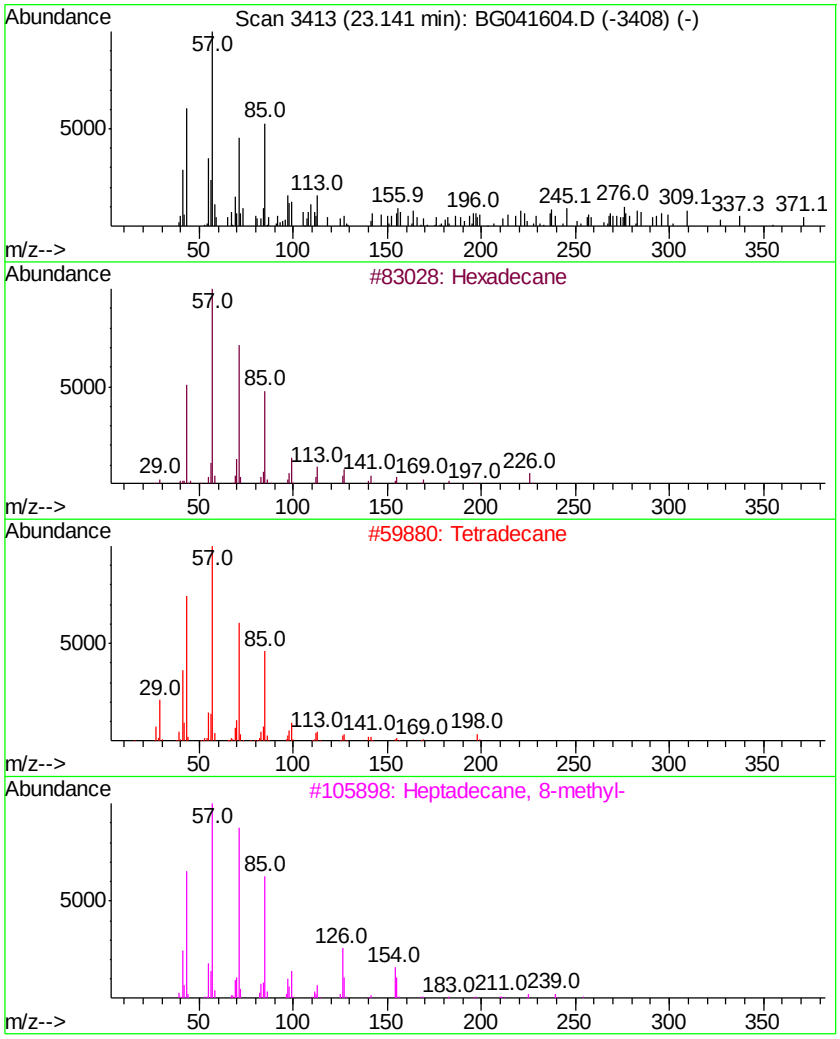
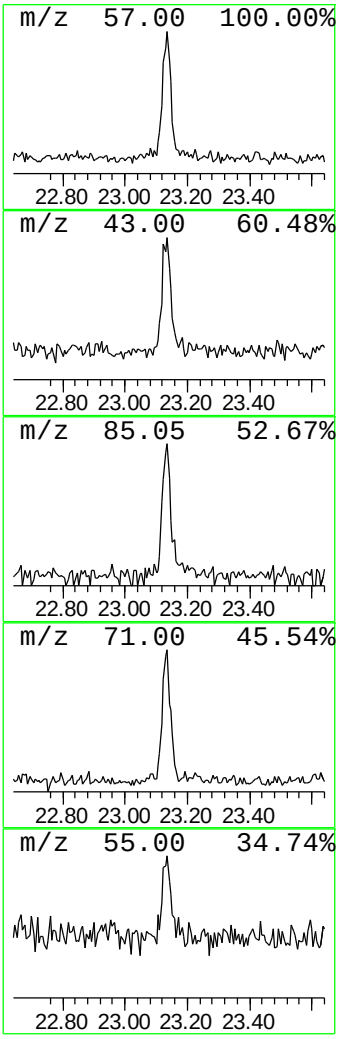
Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.06 ng	56946	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	55
4	Octadecane	254	C18H38	000593-45-3	55
5	Tritetracontane	605	C43H88	007098-21-7	52





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Instrument : BNA_G
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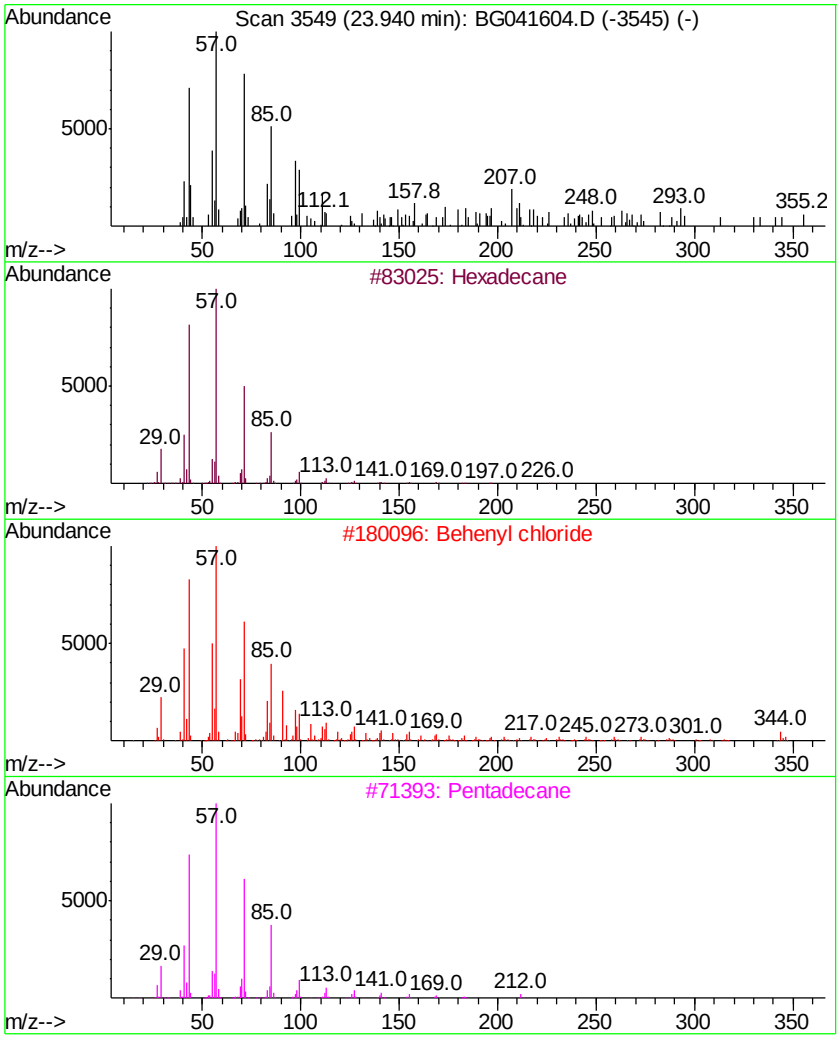
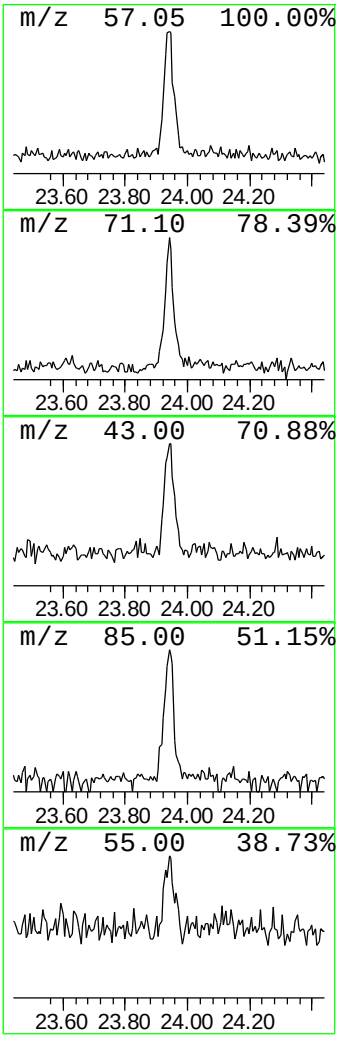
Peak Number 6 Behenyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.07 ng	57305	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Behenyl chloride	344	C22H45Cl	042217-03-8	58
3	Pentadecane	212	C15H32	000629-62-9	53
4	Nonadecane	268	C19H40	000629-92-5	52
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47





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
unknown7.56	7.56	85.5	ng	837699	1	8.03	196071	20.0
Tridecanoic acid	18.28	3.0	ng	71983	4	17.42	478110	20.0
unknown20.29	20.29	2.0	ng	56238	5	21.70	553877	20.0
Hexadecane	23.14	2.1	ng	56946	5	21.70	553877	20.0
Behenyl chloride	23.94	2.1	ng	57305	6	24.98	553347	20.0