LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032019.D
Acq On : 13 Jan 2018 1:40
Operator : SJ/JU
Sample : J1106-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13

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-BG011218.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	3.414	15	21	32	rBV	42297	84612	2.00%	0.423%
2	3.502	32	36	45	rVB	33189	50589	1.19%	0.253%
3	5.693	404	409	416	rVB	35440	61442	1.45%	0.307%
4	6.199	486	495	506	rBV	685046	1199777	28.32%	5.993%
5	7.879	771	781	792	rBV	681783	1292746	30.51%	6.457%
6	8.284	841	850	860	rBV	735774	1364402	32.20%	6.815%
7	8.772	925	933	945	rBV	164691	304820	7.19%	1.523%
8	9.107	982	990	1002	rBV	592605	1113001	26.27%	5.559%
9	9.971	1127	1137	1145	rBV	397947	762213	17.99%	3.807%
10	11.657	1415	1424	1435	rBV	228264	431333	10.18%	2.155%
11	14.031	1821	1828	1843	rVB	1538216	2502364	59.06%	12.499%
12	14.830	1955	1964	1969	rBV	105676	166165	3.92%	0.830%
13	15.247	2029	2035	2042	rBV	31636	45276	1.07%	0.226%
14	15.405	2054	2062	2073	rVB2	414713	695513	16.42%	3.474%
15	16.187	2190	2195	2200	rVB	40603	56166	1.33%	0.281%
16	16.880	2306	2313	2323	rBV	1247465	2090009	49.33%	10.440%
17	17.045	2335	2341	2350	rBV	33059	62429	1.47%	0.312%
18	18.138	2520	2527	2534	rBV2	580420	936057	22.09%	4.676%
19	18.948	2656	2665	2675	rBV2	52015	80888	1.91%	0.404%
20	20.670	2952	2958	2969	rBV	3102953	4236786	100.00%	21.163%
21	22.015	3181	3187	3193	rBV2	98895	160176	3.78%	0.800%
22	22.474	3257	3265	3277	rBV	596236	1139374	26.89%	5.691%
23	26.199	3886	3899	3920	rBV2	355621	1183666	27.94%	5.912%

Sum of corrected areas: 20019804

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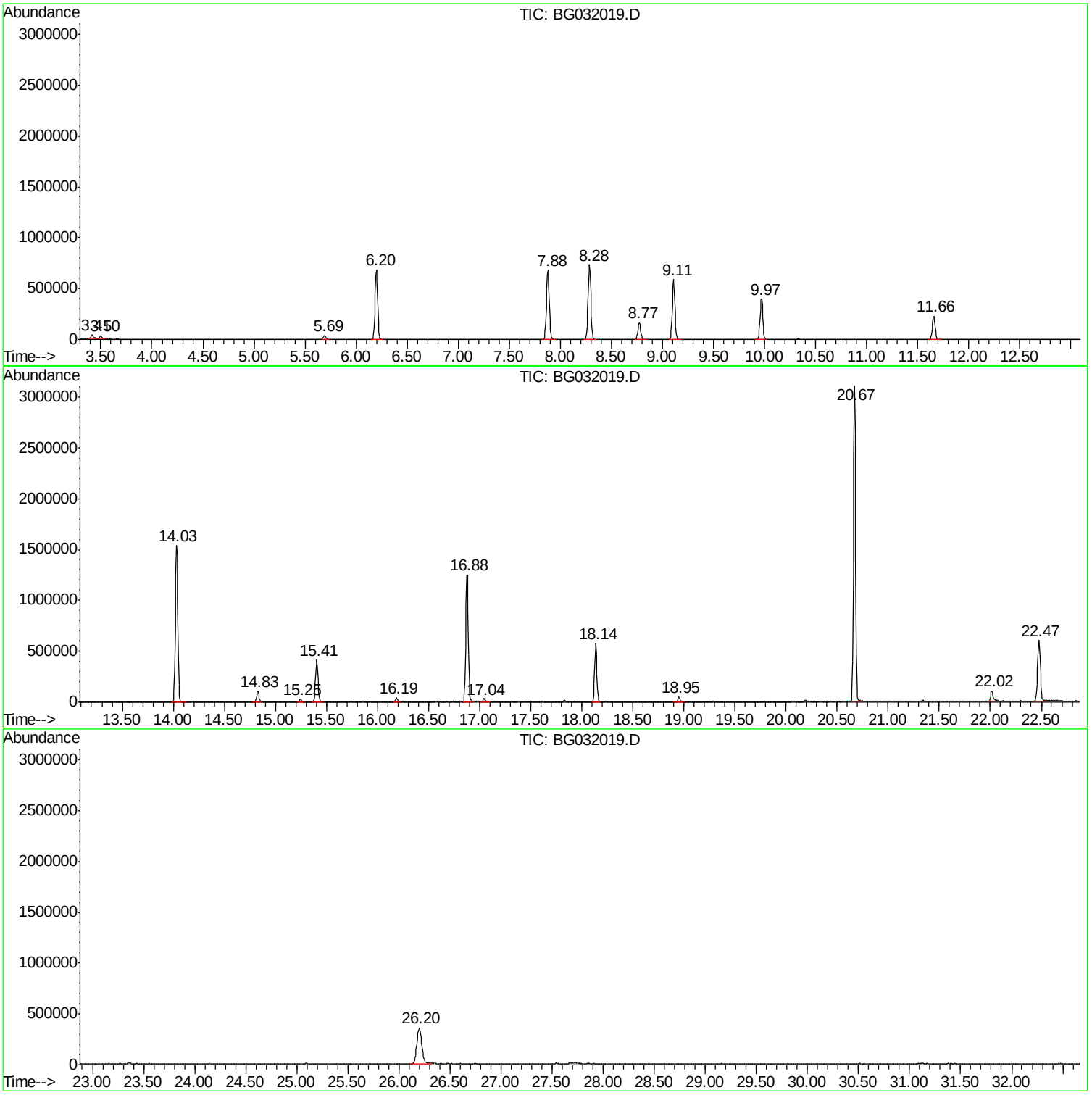
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032019.D
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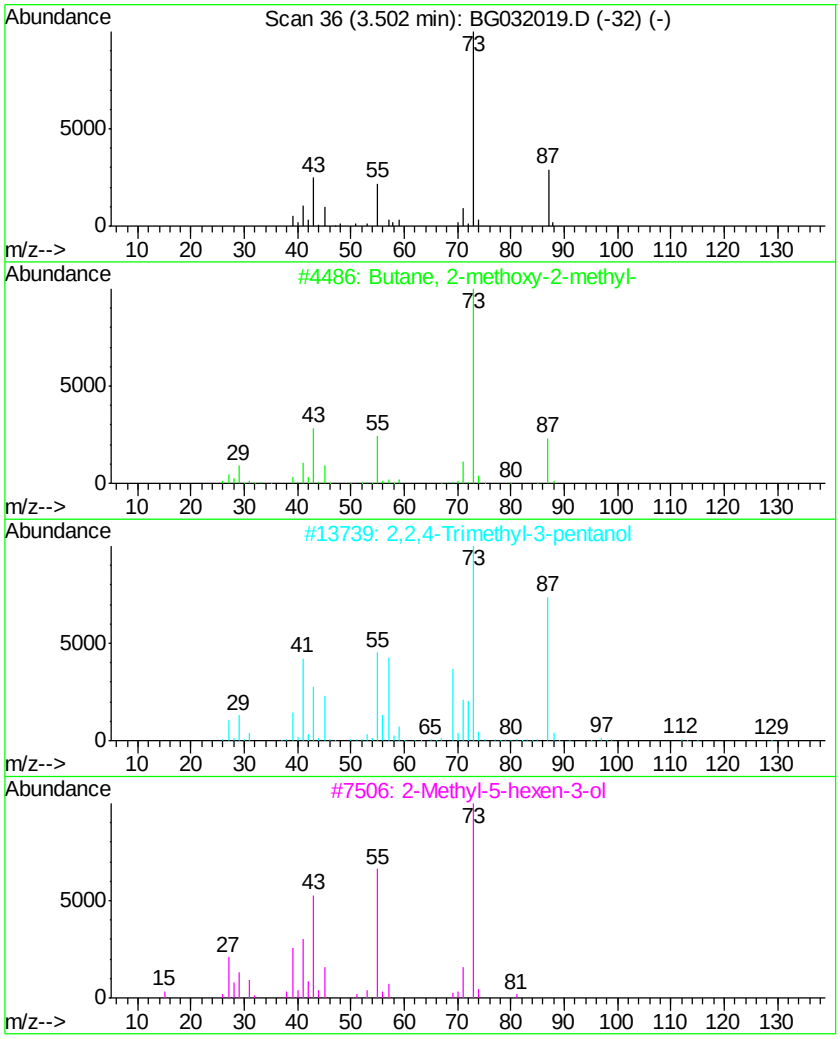
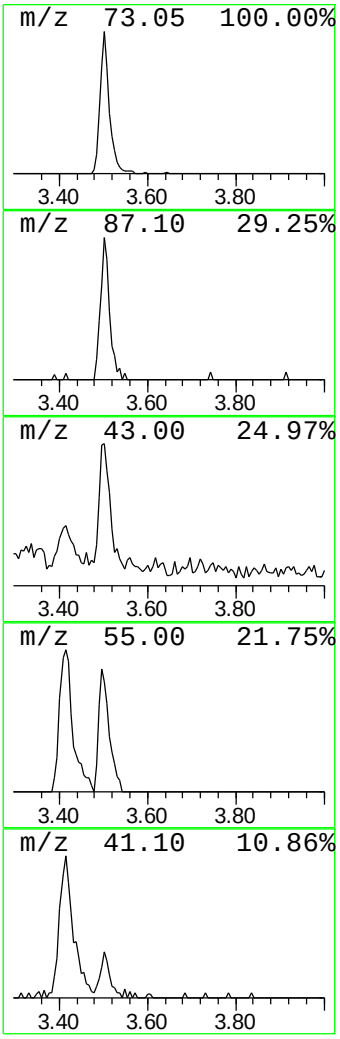
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	3.32 ng	50589	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	59
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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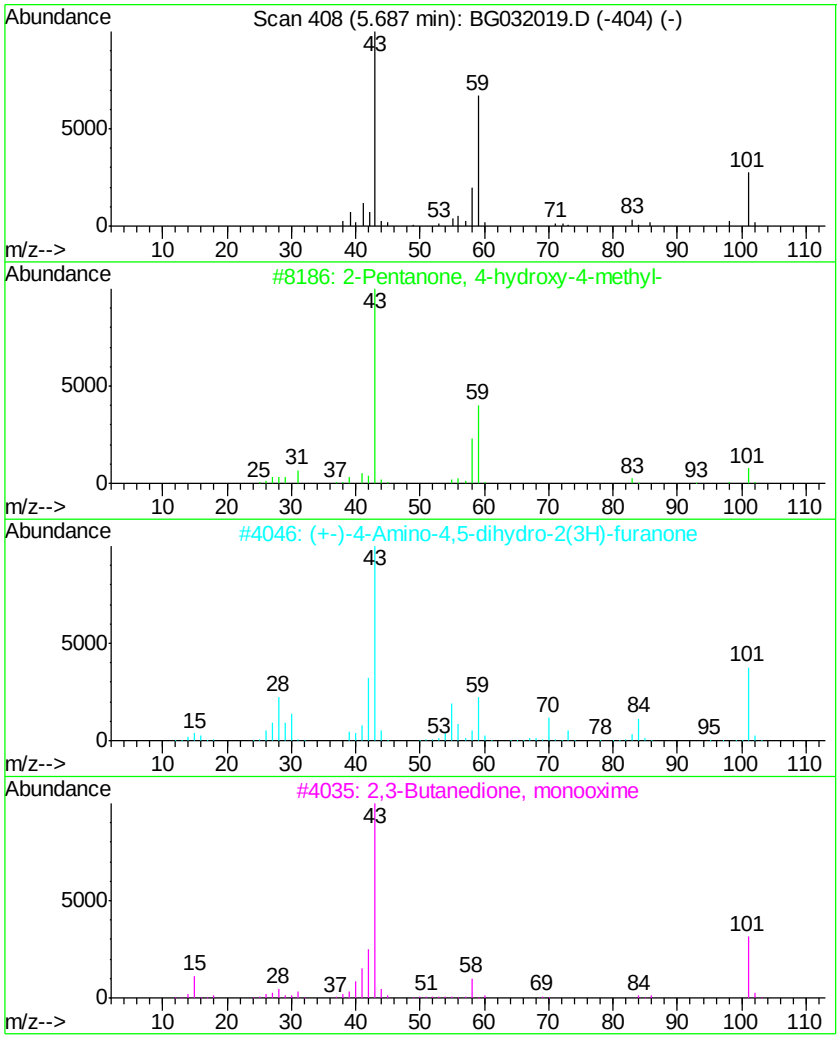
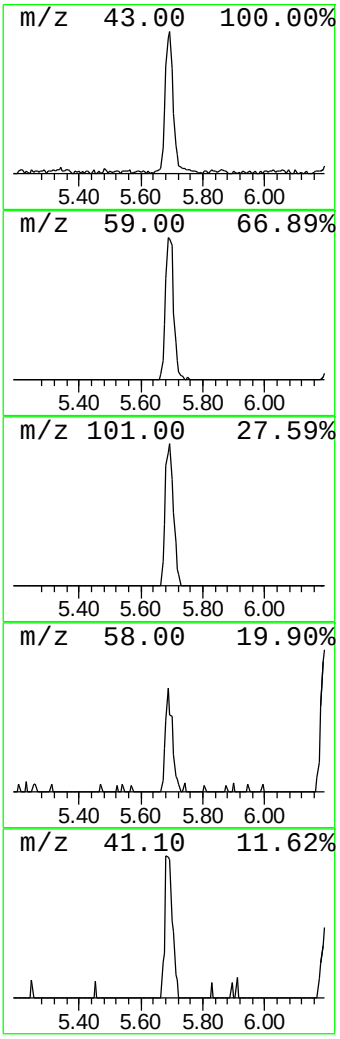
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	4.03 ng	61442	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25





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Data File : BG032019.D
Acq On : 13 Jan 2018 1:40
Operator : SJ/JU
Sample : J1106-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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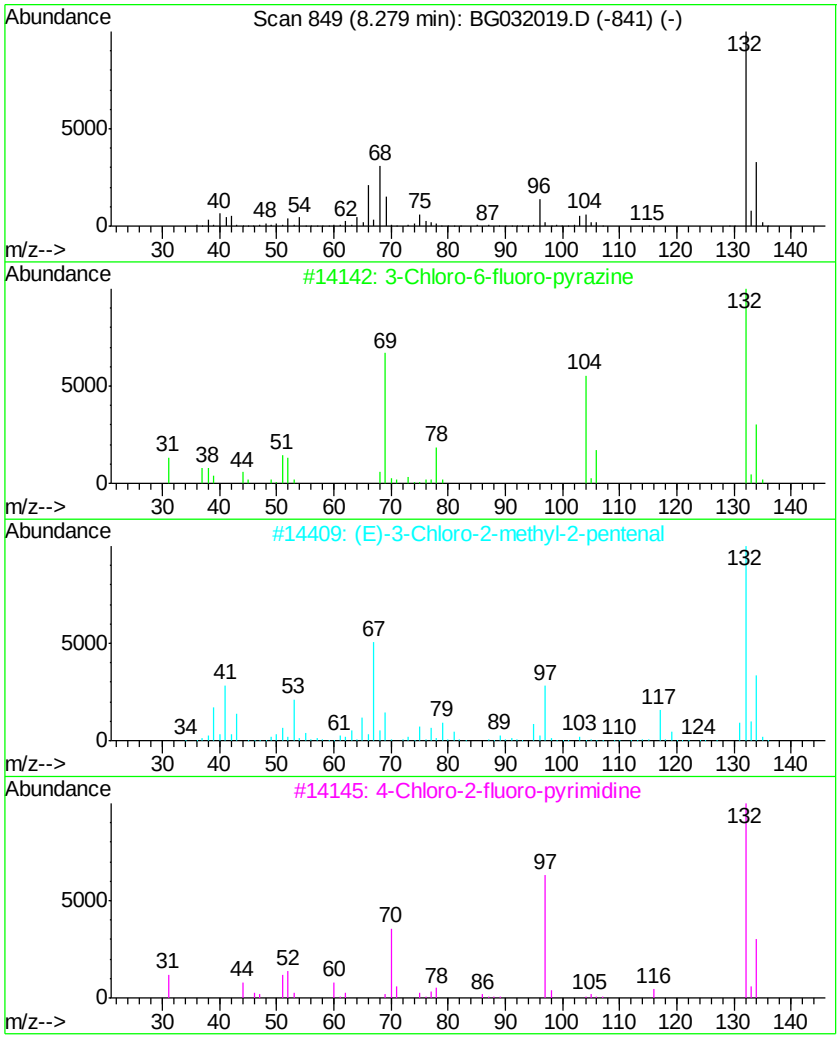
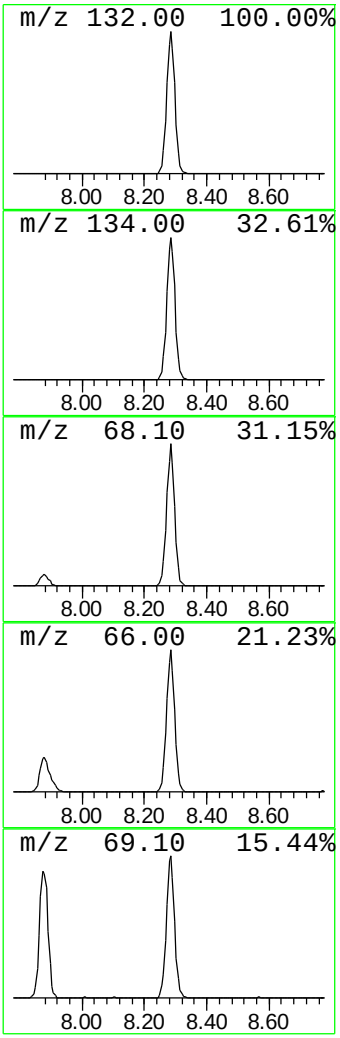
Peak Number 4 unknown8.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	89.52 ng	1364400	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032019.D
Acq On : 13 Jan 2018 1:40
Operator : SJ/JU
Sample : J1106-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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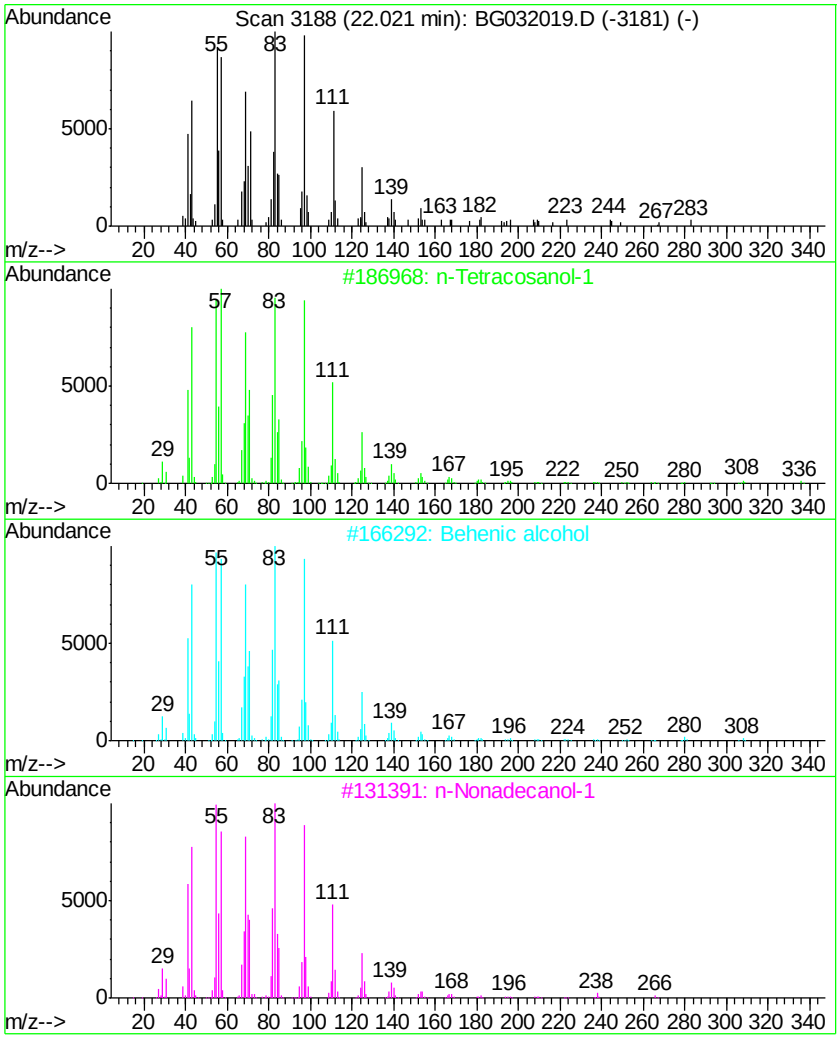
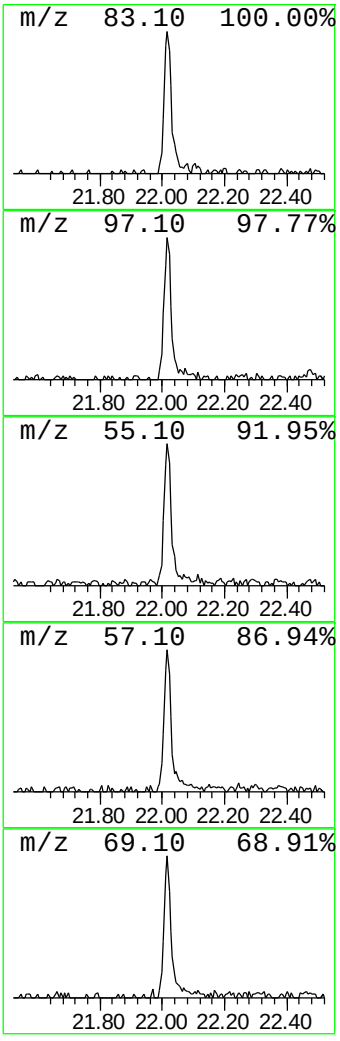
Peak Number 6 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.81 ng	160176	Chrysene-d12	22.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Octacosanol	410	C28H58O	000557-61-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BG032019.D
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Sample : J1106-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
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...	3.50	3.3	ng	50589	1	8.77	304820	20.0
2-Pentanone, 4-hy...	5.69	4.0	ng	61442	1	8.77	304820	20.0
unknown8.28	8.28	89.5	ng	1364400	1	8.77	304820	20.0
n-Tetracosanol-1	22.02	2.8	ng	160176	5	22.47	1139370	20.0