LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035244.D
Acq On : 19 Jun 2018 8:48
Operator : SJ/JU
Sample : J3566-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8-D

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-BG060718.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	4.582	213	220	228	rBV	53525	78089	1.44%	0.317%
2	5.181	316	322	330	rBV	206667	313571	5.80%	1.272%
3	5.640	393	400	414	rBV	1232715	1926820	35.61%	7.813%
4	7.220	661	669	677	rBV	1063274	1812202	33.49%	7.349%
5	7.596	726	733	744	rBV	1301482	2180027	40.29%	8.840%
6	8.060	805	812	821	rBV	223902	388509	7.18%	1.575%
7	8.383	858	867	877	rBV	949254	1690649	31.25%	6.856%
8	9.223	1002	1010	1020	rVB	799587	1437945	26.58%	5.831%
9	10.868	1277	1290	1295	rBV	250930	460744	8.52%	1.868%
10	13.306	1697	1705	1716	rBV	1985996	3155572	58.32%	12.796%
11	14.680	1933	1939	1946	rBV2	364275	595012	11.00%	2.413%
12	16.166	2185	2192	2209	rBV	1521260	2366442	43.74%	9.596%
13	17.424	2399	2406	2413	rBV2	457875	702903	12.99%	2.850%
14	18.305	2551	2556	2562	rBV4	46218	72852	1.35%	0.295%
15	19.574	2767	2772	2780	rBV5	41375	72022	1.33%	0.292%
16	20.032	2843	2850	2859	rBV	4033956	5410517	100.00%	21.940%
17	21.688	3125	3132	3141	rBV	624207	1064101	19.67%	4.315%
18	24.913	3670	3681	3698	rBV2	303447	932482	17.23%	3.781%

Sum of corrected areas: 24660459

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BNA_G
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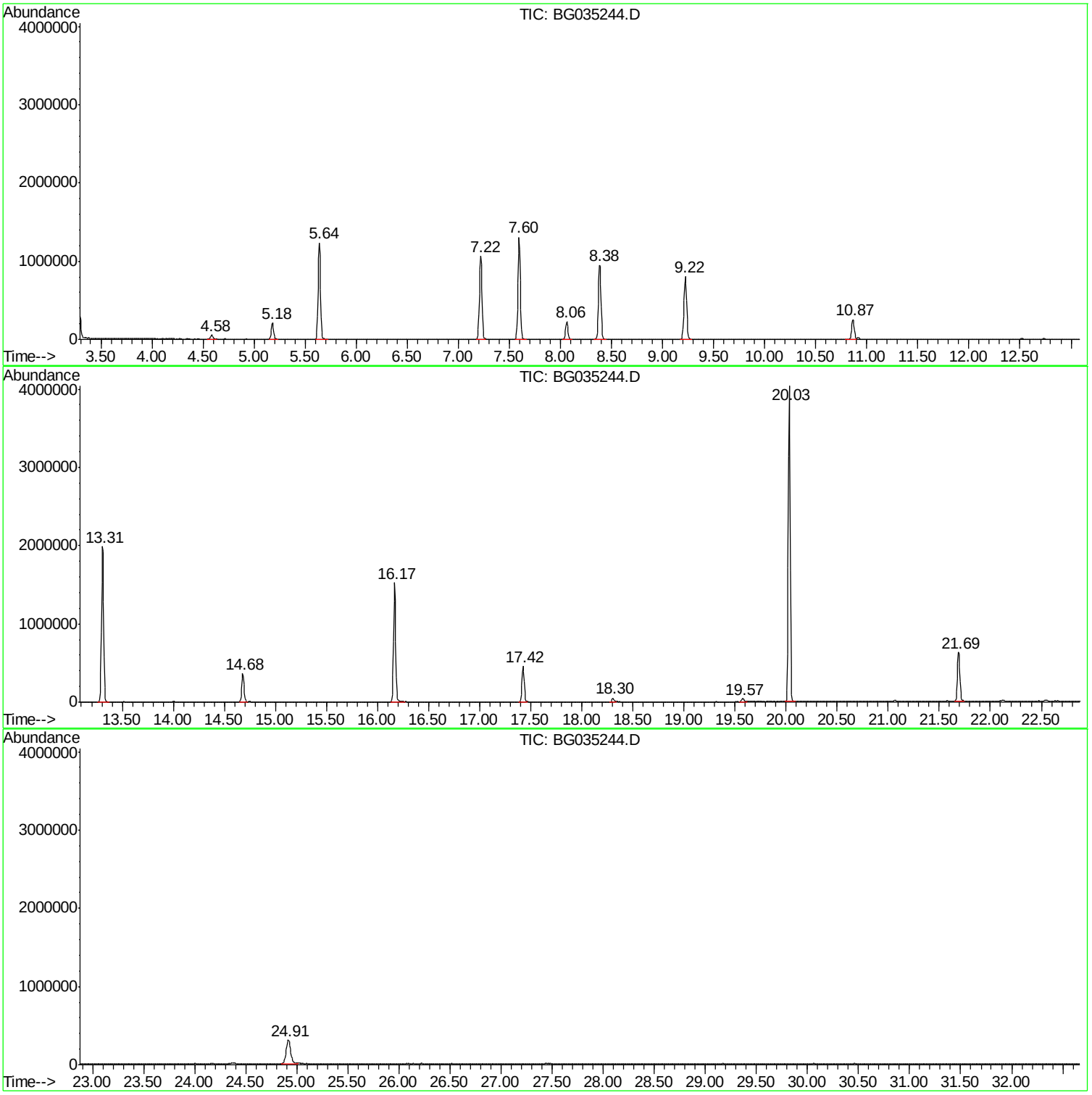
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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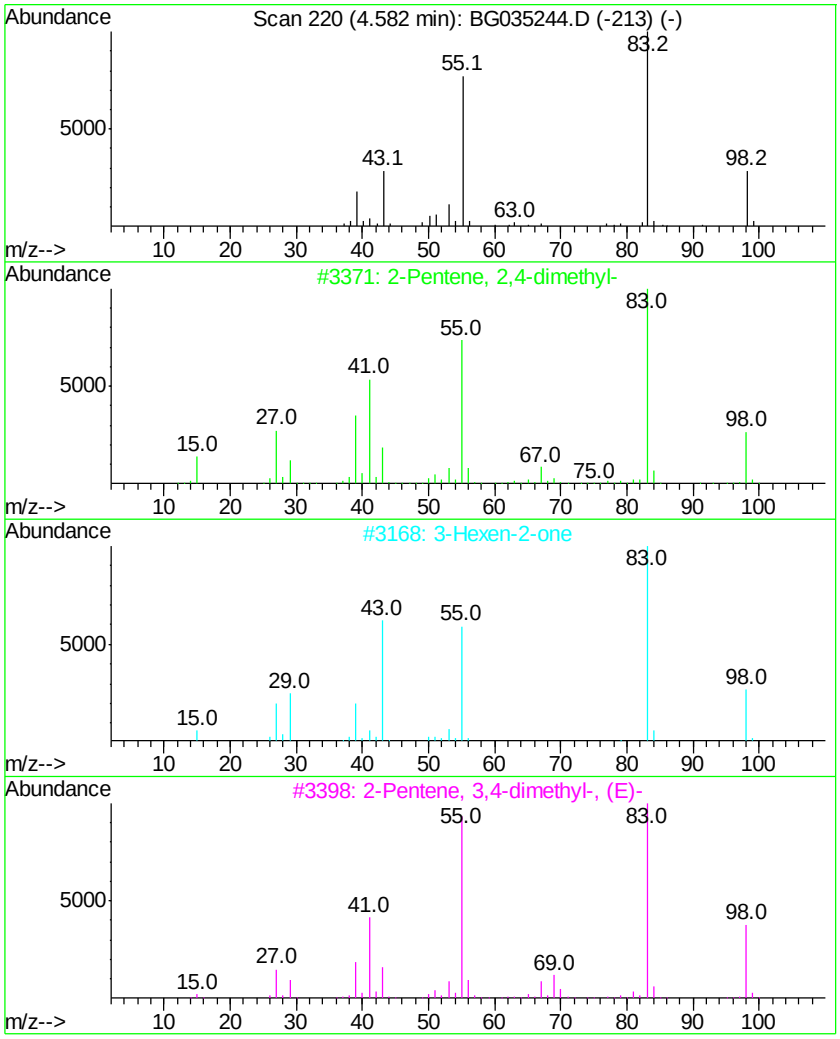
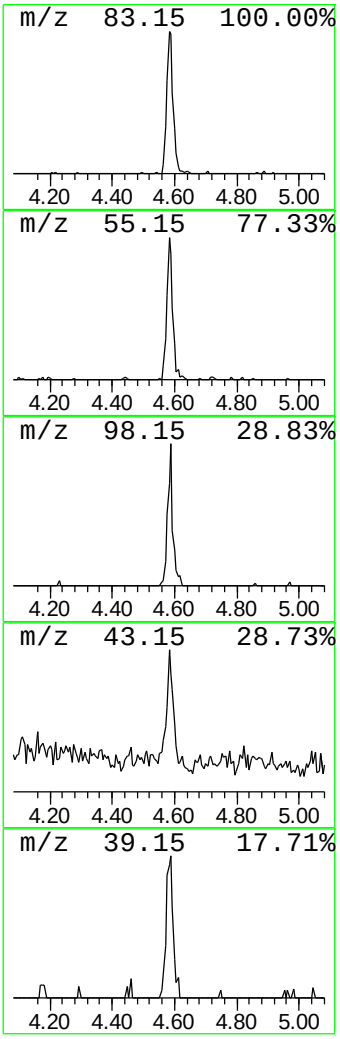
Peak Number 1 2-Pentene, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	4.02 ng	78089	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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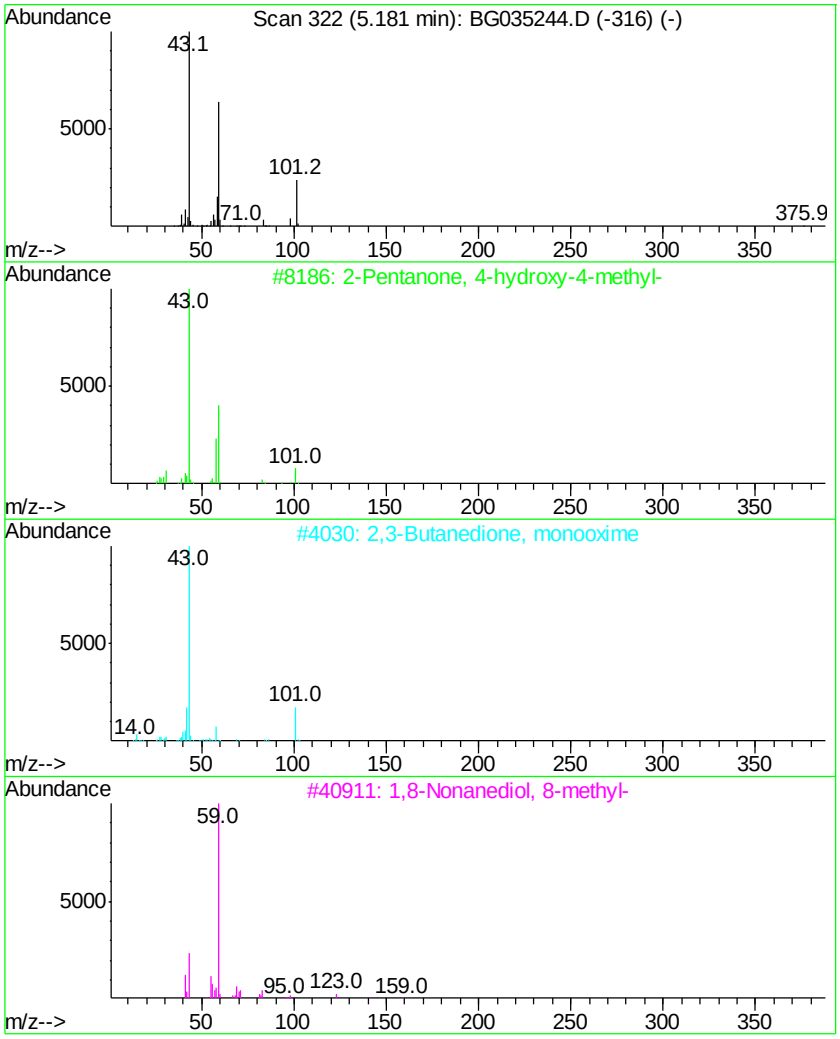
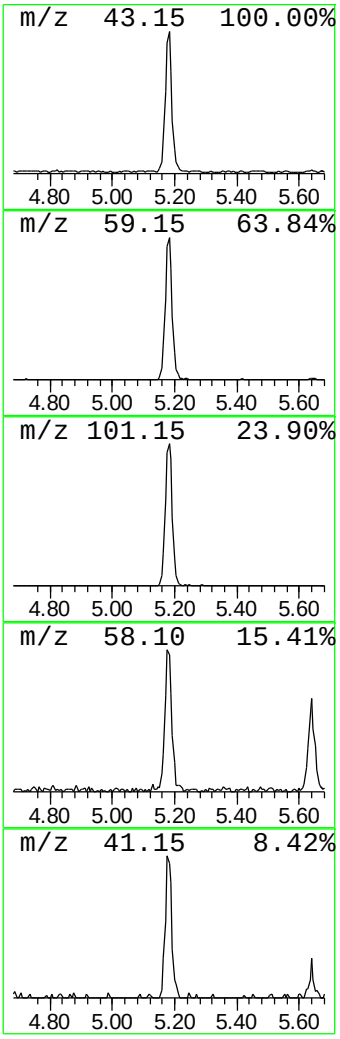
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	16.14 ng	313571	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	1,2-Butanediol	90	C4H10O2	000584-03-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

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ClientSampleId : TP-8-D

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TIC Library : C:\Database\NIST11.L
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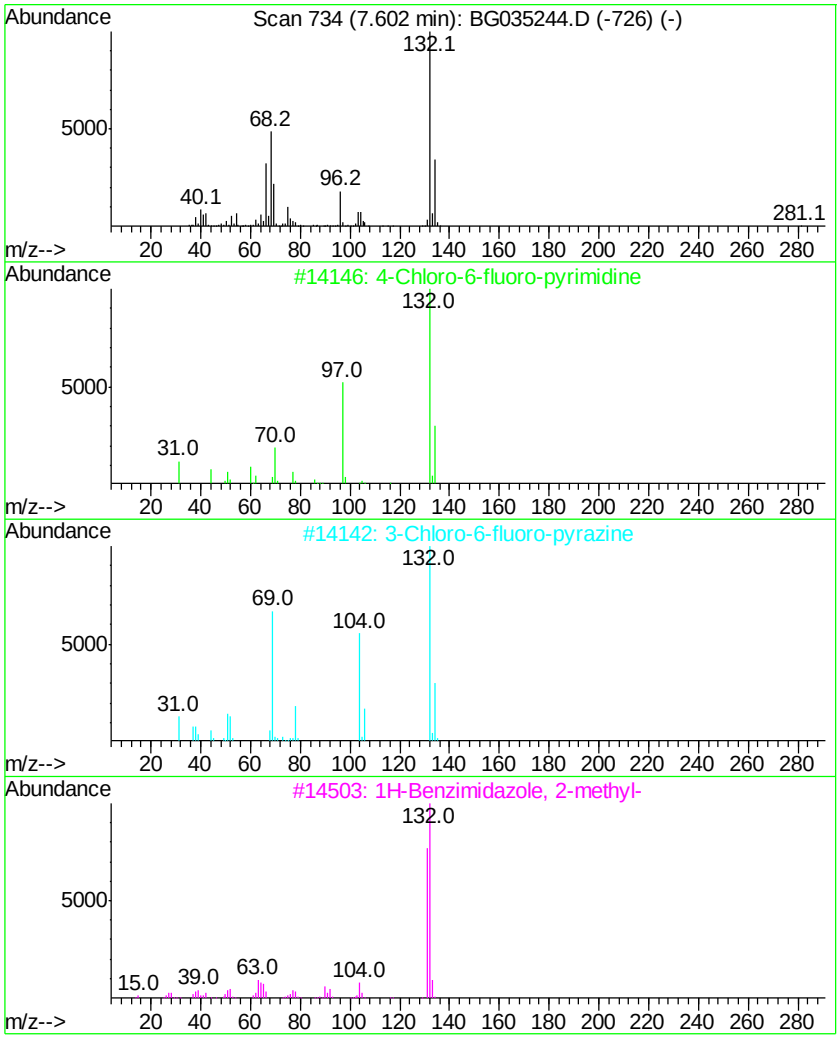
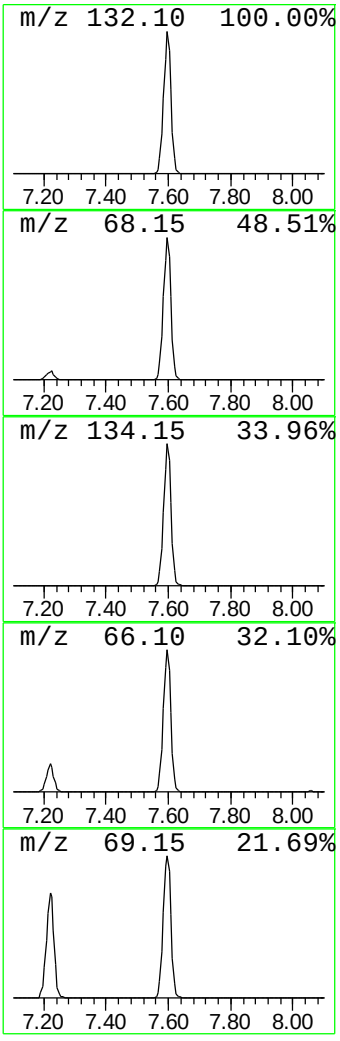
Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	112.23 ng	2180030	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : TP-8-D

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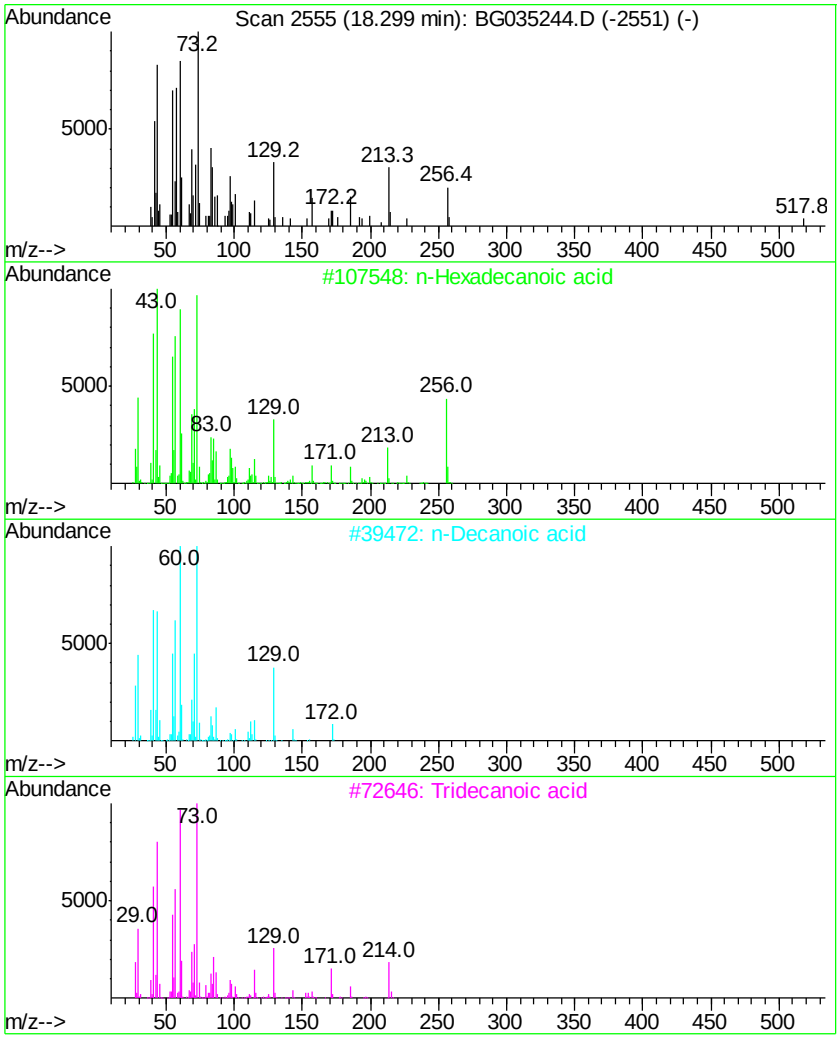
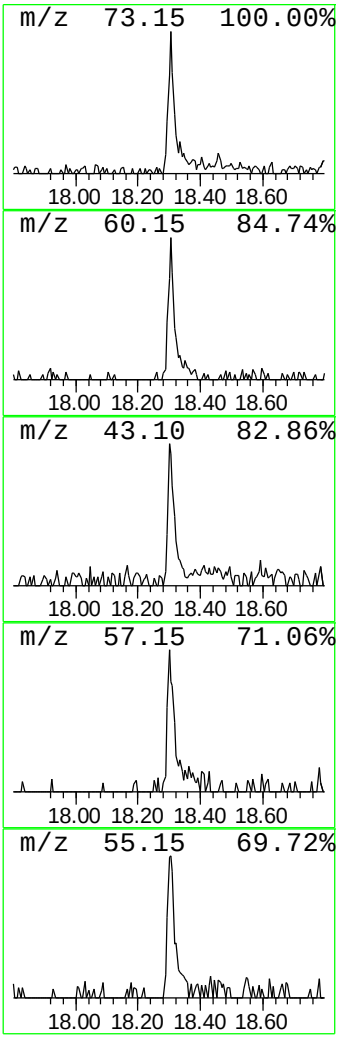
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.07 ng	72852	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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
2-Pentene, 2,4-di...	4.58	4.0	ng	78089	1	8.06	388509	20.0
2-Pentanone, 4-hy...	5.18	16.1	ng	313571	1	8.06	388509	20.0
unknown7.60	7.60	112.2	ng	2180030	1	8.06	388509	20.0
n-Hexadecanoic acid	18.30	2.1	ng	72852	4	17.42	702903	20.0