LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043022.D
Acq On : 4 Oct 2019 3:05
Operator : JU
Sample : K5181-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-2-ABCD

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-BG092519.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	3.182	9	16	24	rBV3	74513	188231	4.34%	0.735%
2	3.258	24	29	41	rVB	96854	173460	4.00%	0.678%
3	5.650	428	436	447	rBV	1063224	1784239	41.18%	6.971%
4	7.242	698	707	723	rBV	1133415	2079525	47.99%	8.125%
5	7.606	761	769	778	rBV	1132769	1981897	45.74%	7.743%
6	8.065	839	847	855	rBV	251682	443102	10.23%	1.731%
7	8.394	893	903	913	rBV	834248	1490736	34.40%	5.824%
8	9.228	1035	1045	1056	rBV	654948	1233119	28.46%	4.818%
9	10.867	1318	1324	1332	rBV	313570	580336	13.39%	2.267%
10	13.311	1733	1740	1755	rBV	1835852	2829629	65.30%	11.055%
11	14.134	1874	1880	1892	rBV	183128	272845	6.30%	1.066%
12	14.686	1967	1974	1982	rBV	566375	875509	20.21%	3.421%
13	16.173	2217	2227	2242	rBV	1630838	2603936	60.10%	10.173%
14	17.430	2434	2441	2455	rBV	708966	1096521	25.31%	4.284%
15	17.548	2455	2461	2467	rVB5	34897	51249	1.18%	0.200%
16	18.317	2587	2592	2601	rBV2	118405	181294	4.18%	0.708%
17	20.039	2878	2885	2892	rBV	3061679	4332953	100.00%	16.929%
18	21.349	3103	3108	3126	rBV3	101149	414930	9.58%	1.621%
19	21.696	3160	3167	3179	rBV2	774353	1292429	29.83%	5.049%
20	23.200	3420	3423	3430	rVB4	32235	51413	1.19%	0.201%
21	24.005	3553	3560	3568	rBV2	45889	114380	2.64%	0.447%
22	24.921	3705	3716	3729	rBV2	471999	1417177	32.71%	5.537%
23	26.096	3910	3916	3926	rVB6	40419	106375	2.46%	0.416%

Sum of corrected areas: 25595285

LSC Report - Integrated Chromatogram

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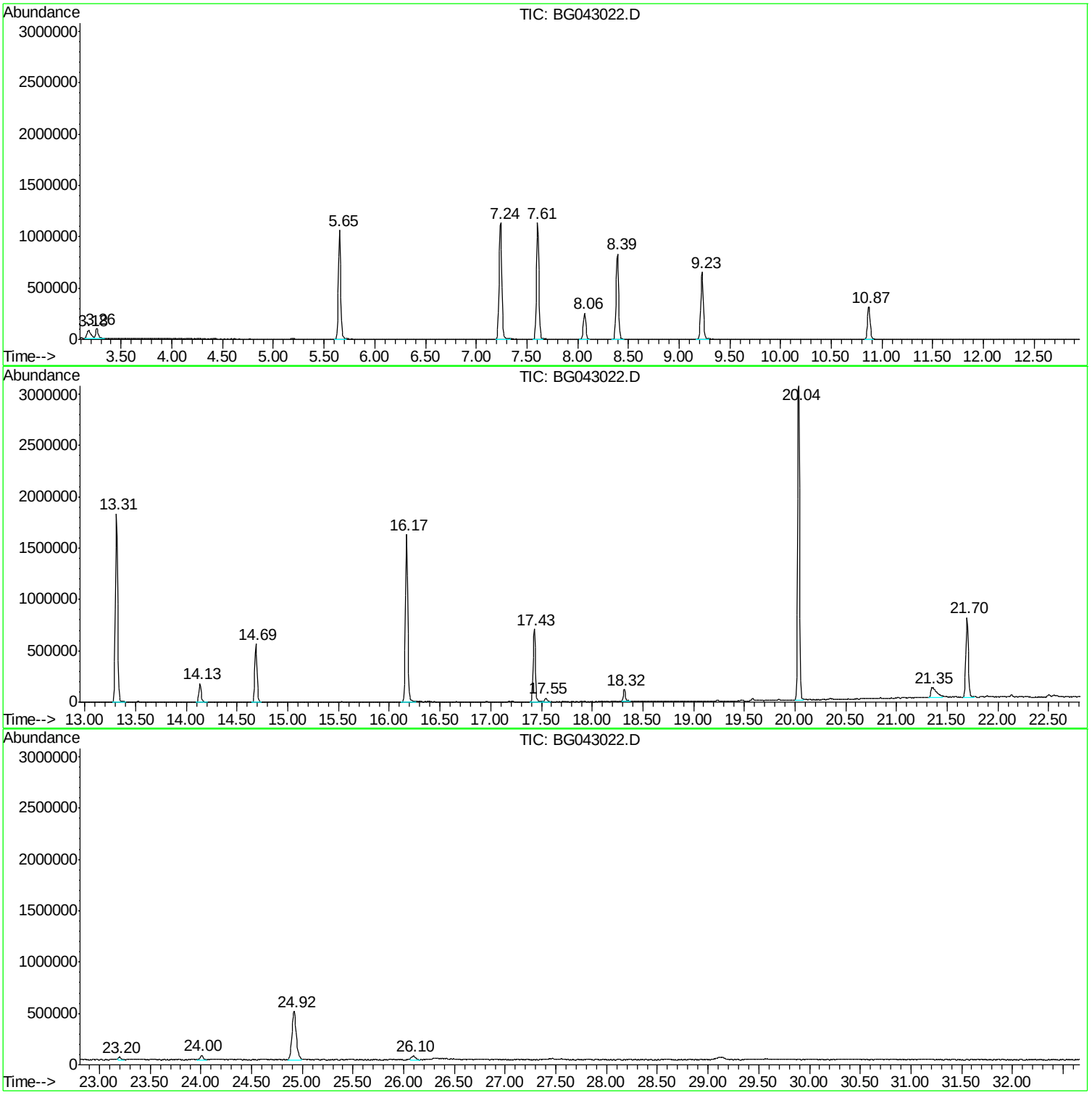
BNA_G
ClientSampleId :
SOUTH-AVENUE-2-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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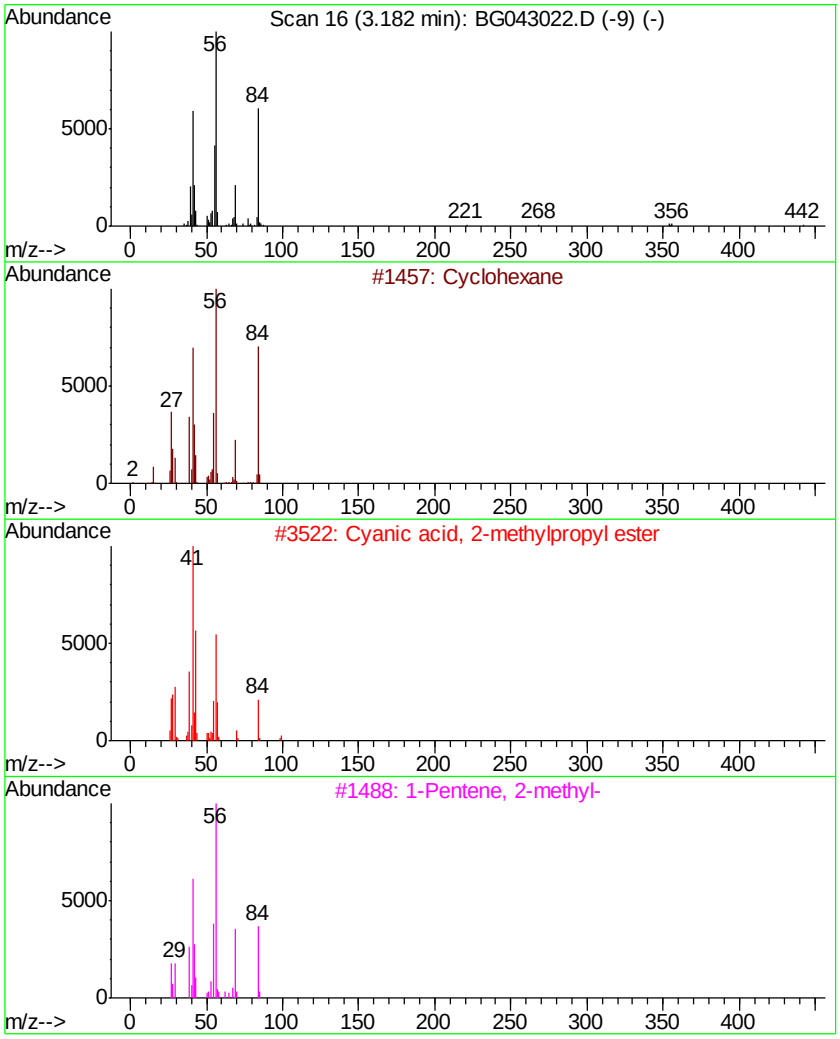
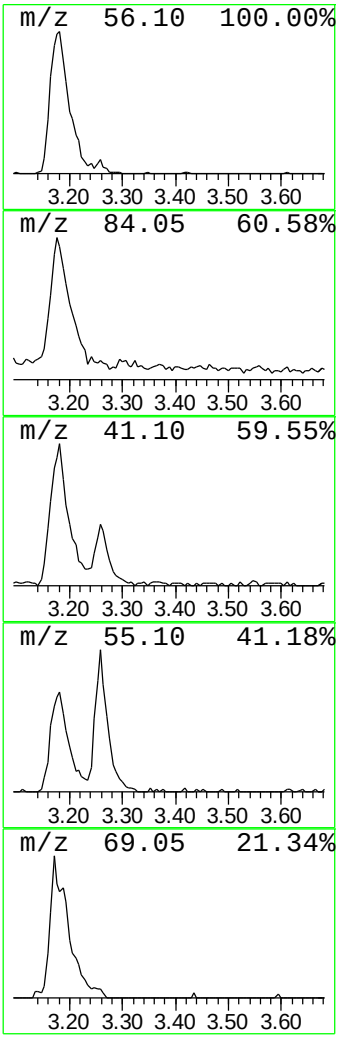
Peak Number 1 Cyanic acid, 2-methylpropyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	8.50 ng	188231	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	87
2	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	72
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	2-Acetylpiperidine	127	C7H13NO	097073-22-8	59
5	1-Hexene	84	C6H12	000592-41-6	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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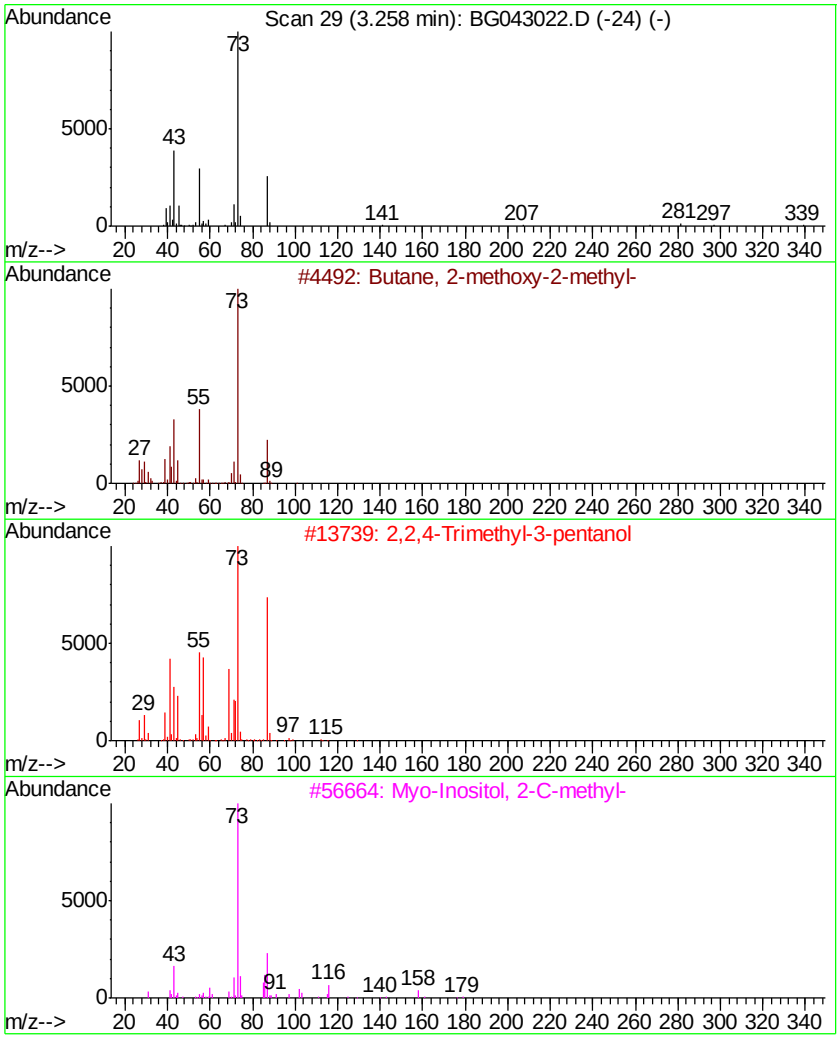
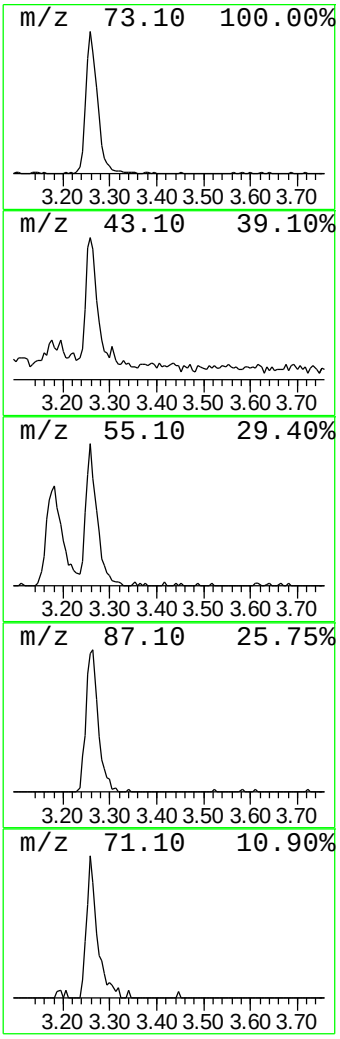
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	7.83 ng	173460	1,4-Dichlorobenzene-d4	8.07

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	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	36
4	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	36
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33





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Instrument : BNA_G
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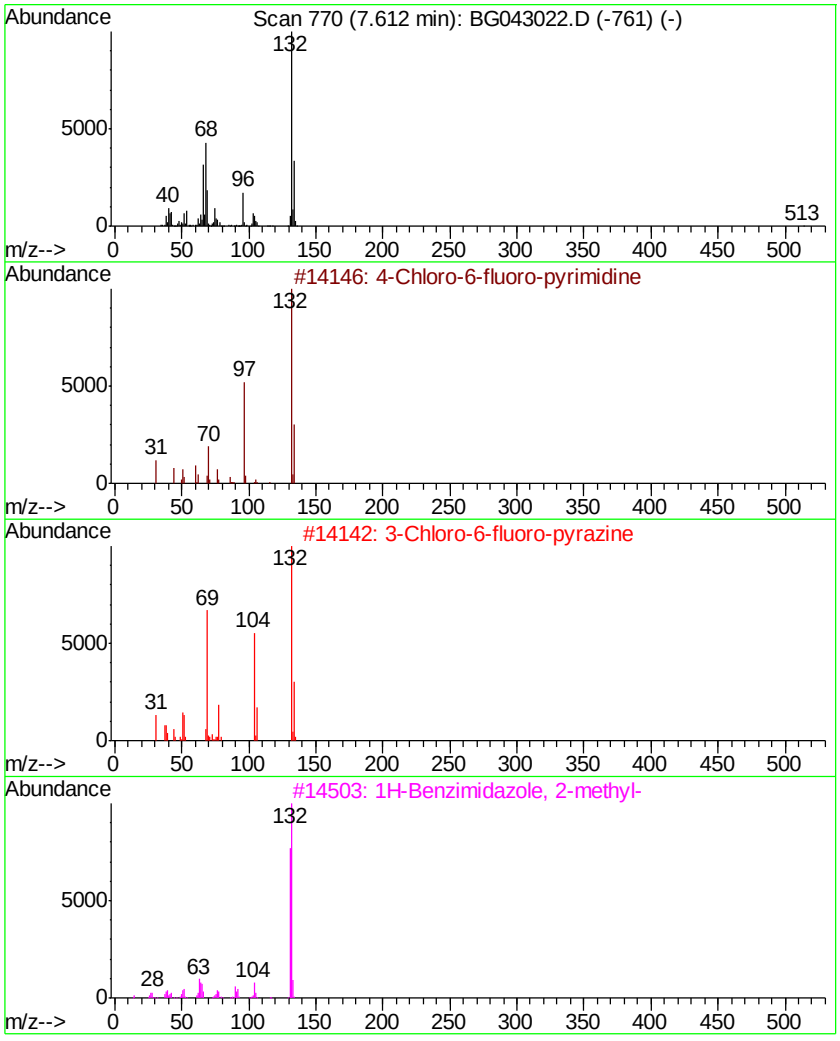
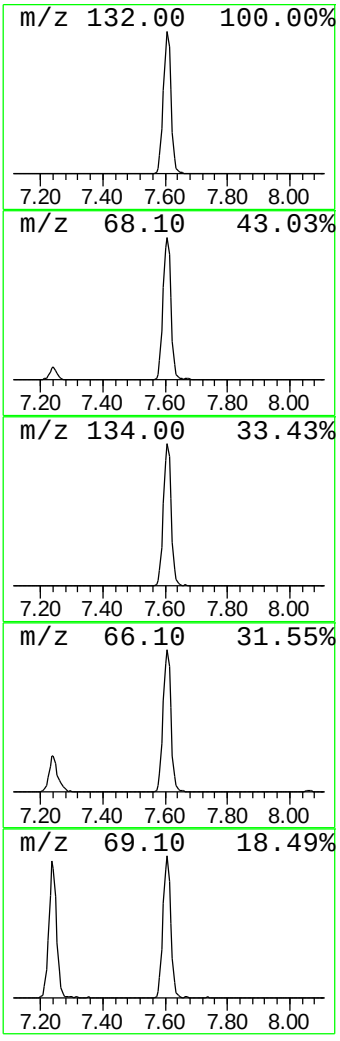
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	89.46 ng	1981900	1,4-Dichlorobenzene-d4	8.07

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	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





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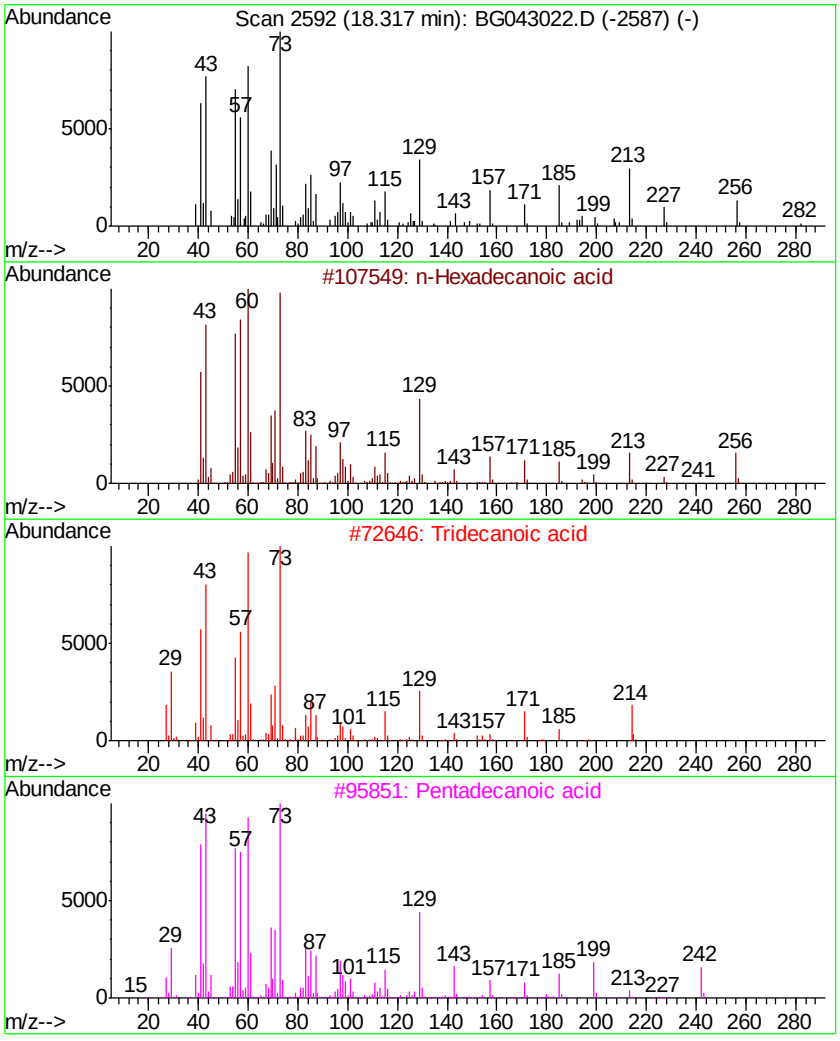
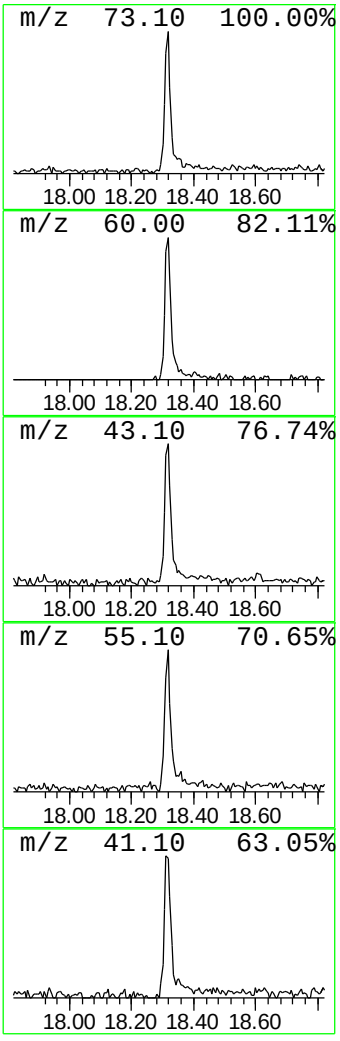
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.31 ng	181294	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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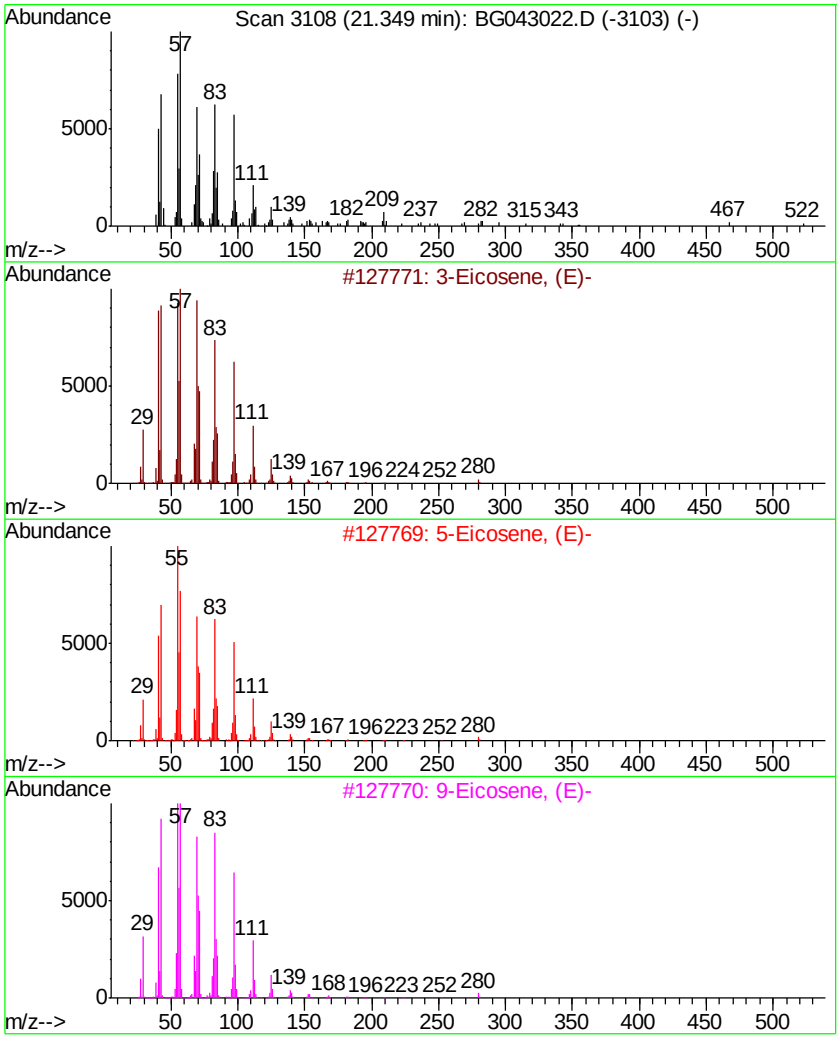
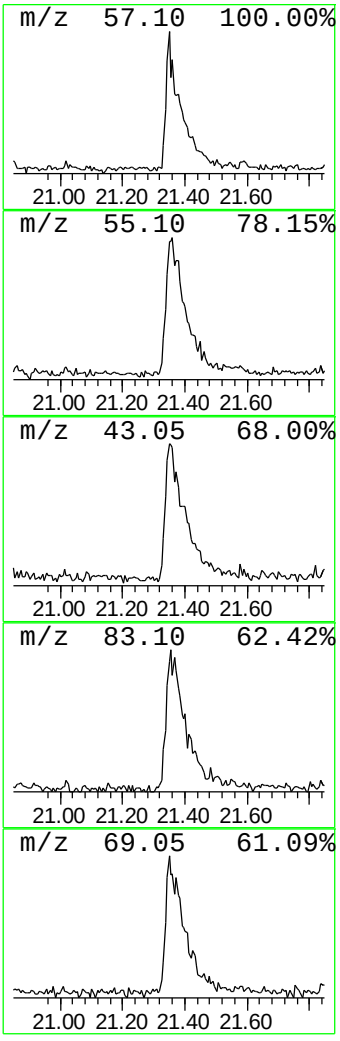
Peak Number 6 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.42 ng	414930	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	1-Tricosene	322	C23H46	018835-32-0	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyanic acid, 2-me...	3.18	8.5	ng	188231	1	8.07	443102	20.0
Butane, 2-methoxy...	3.26	7.8	ng	173460	1	8.07	443102	20.0
unknown7.61	7.61	89.5	ng	1981900	1	8.07	443102	20.0
n-Hexadecanoic acid	18.32	3.3	ng	181294	4	17.43	1096520	20.0
3-Eicosene, (E)-	21.35	6.4	ng	414930	5	21.70	1292430	20.0