LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040615.D
Acq On : 25 Apr 2019 18:00
Operator : JU/SJ
Sample : K2535-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0018

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-BG042319.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	3.158	7	12	22	rBV	347458	638105	12.42%	2.980%
2	3.235	22	25	35	rVB	87511	135947	2.65%	0.635%
3	5.685	435	442	452	rVB	448719	726507	14.14%	3.393%
4	7.283	707	714	724	rBV	308420	523232	10.18%	2.444%
5	7.677	773	781	790	rBV	821110	1400996	27.26%	6.543%
6	8.153	855	862	871	rBV	180317	316158	6.15%	1.477%
7	8.476	909	917	928	rBV	684082	1214465	23.63%	5.672%
8	9.334	1054	1063	1074	rBV	677839	1211629	23.57%	5.659%
9	10.979	1336	1343	1350	rBV	248405	441348	8.59%	2.061%
10	13.411	1749	1757	1764	rVB	1766870	2681085	52.17%	12.522%
11	14.786	1985	1991	1998	rVB2	423195	671344	13.06%	3.136%
12	16.267	2234	2243	2252	rBV	1628138	2488506	48.42%	11.623%
13	17.530	2451	2458	2464	rBV	635765	955893	18.60%	4.465%
14	18.388	2599	2604	2615	rBV2	80746	129558	2.52%	0.605%
15	19.651	2815	2819	2826	rBV3	65835	97924	1.91%	0.457%
16	20.127	2893	2900	2906	rBV	3940698	5139540	100.00%	24.004%
17	21.819	3181	3188	3195	rVB2	664974	1119973	21.79%	5.231%
18	22.624	3318	3325	3330	rBV3	35639	61647	1.20%	0.288%
19	23.352	3444	3449	3454	rVB3	42112	77231	1.50%	0.361%
20	24.193	3586	3592	3600	rBV3	48375	108898	2.12%	0.509%
21	25.191	3750	3762	3774	rVB	383995	1177132	22.90%	5.498%
22	26.402	3961	3968	3977	rBV6	33433	93631	1.82%	0.437%

Sum of corrected areas: 21410749

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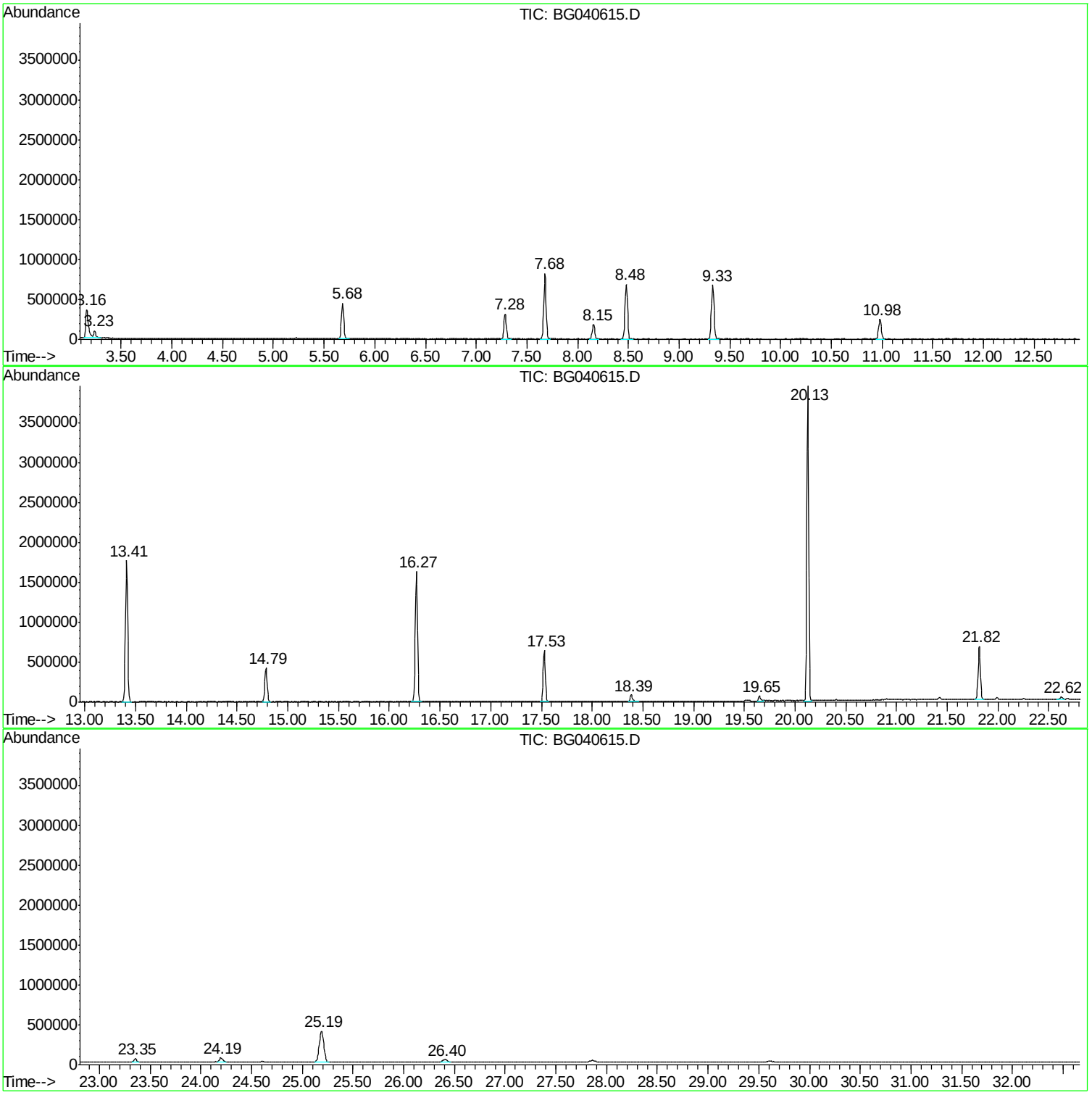
BNA_G
ClientSampleId :
S37-0018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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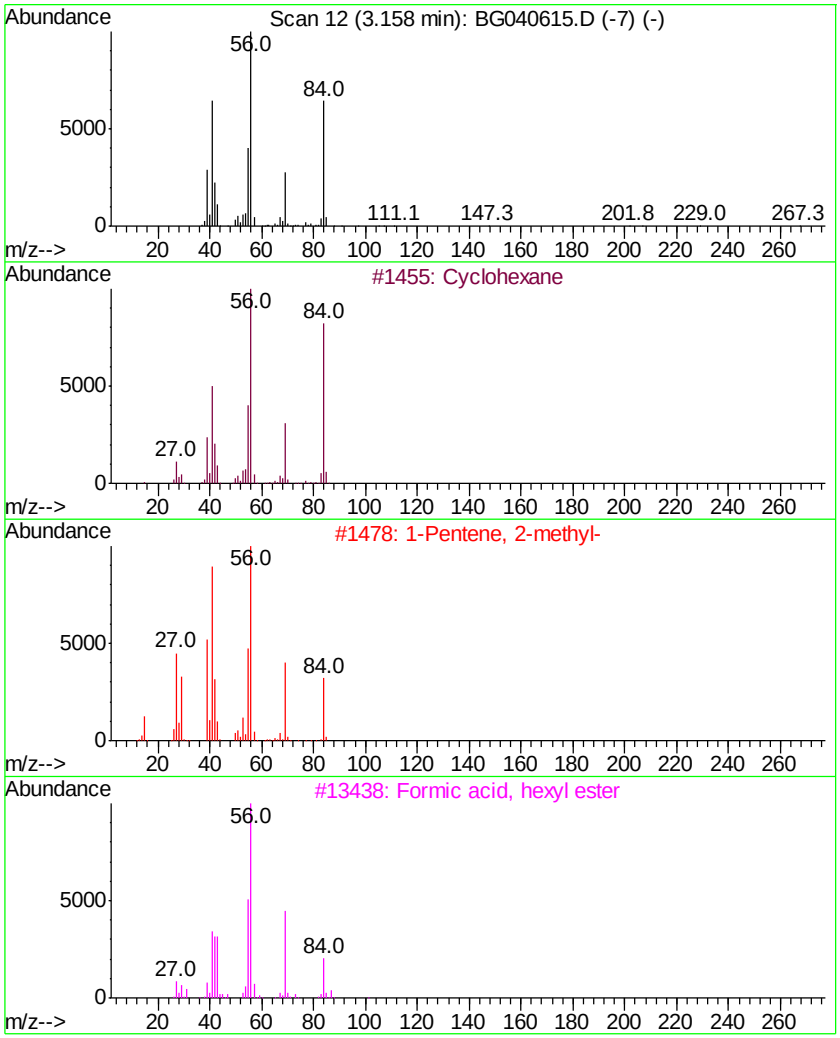
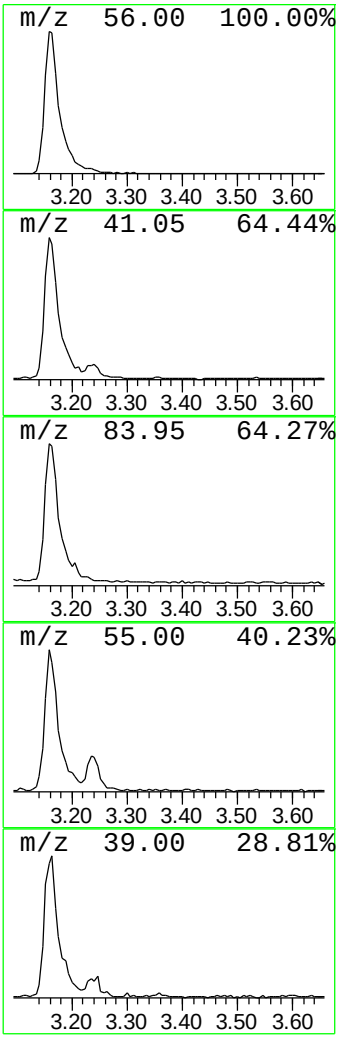
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	40.37 ng	638105	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47





Library Search Compound Report

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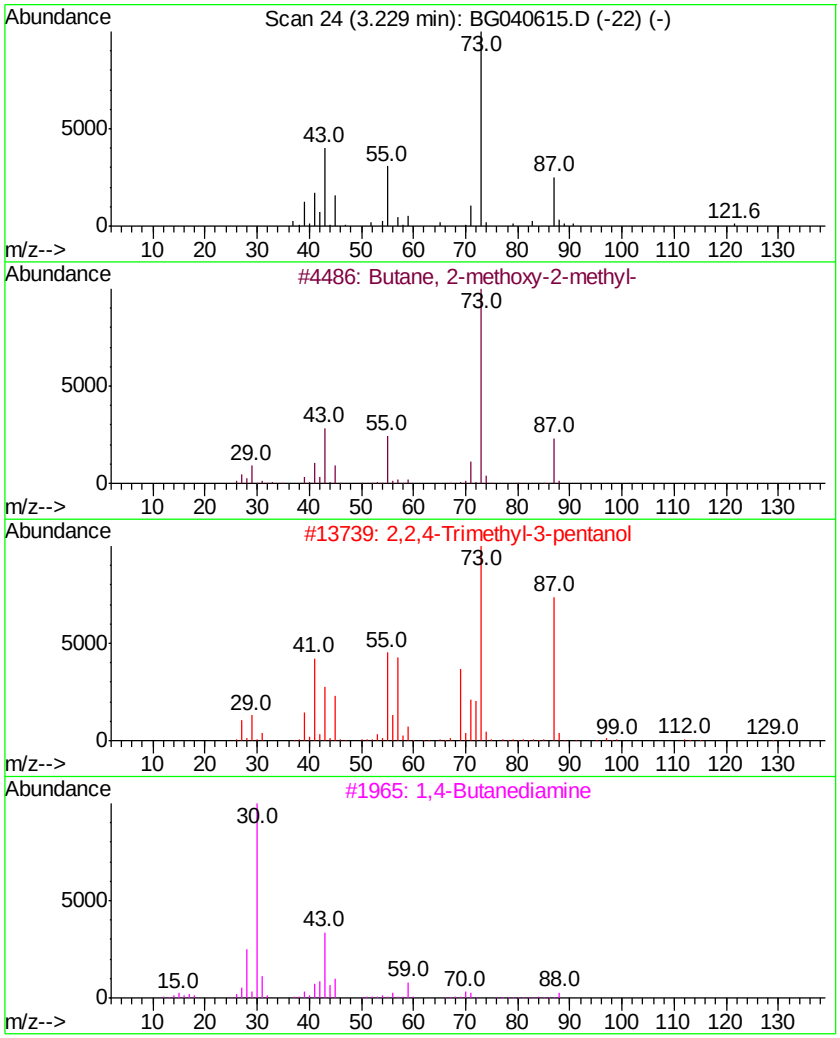
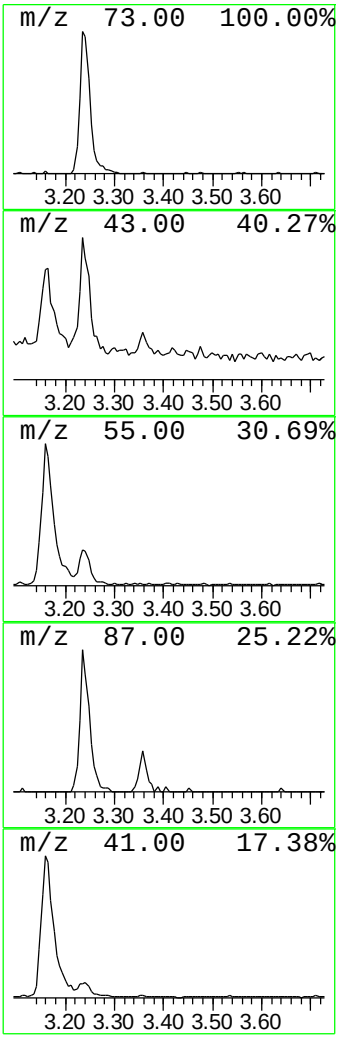
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	8.60 ng	135947	1,4-Dichlorobenzene-d4	8.16

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	50
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	9
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9





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Instrument : BNA_G
ClientSampleId : S37-0018

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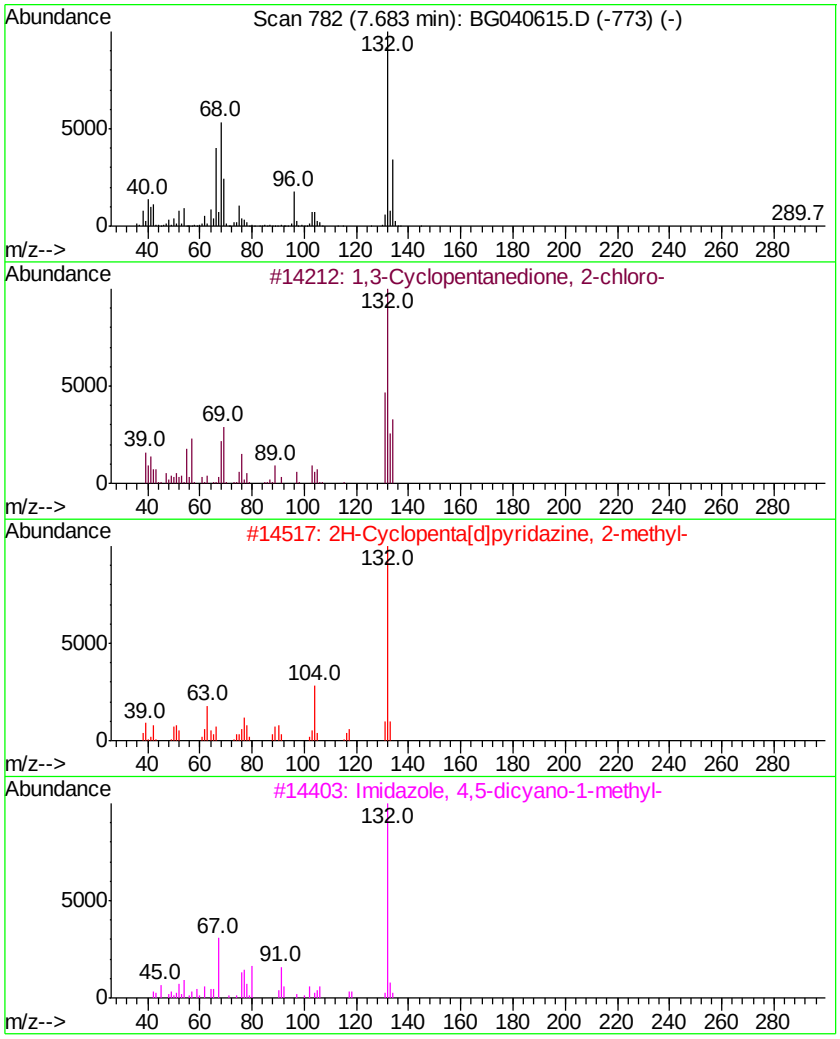
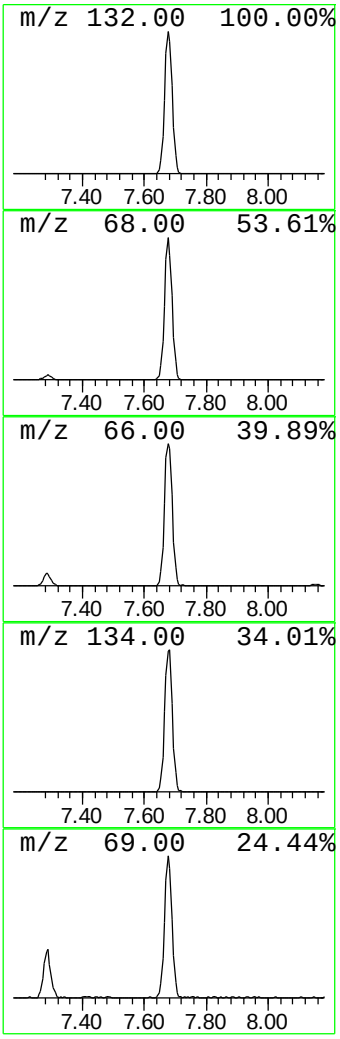
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	88.63 ng	1401000	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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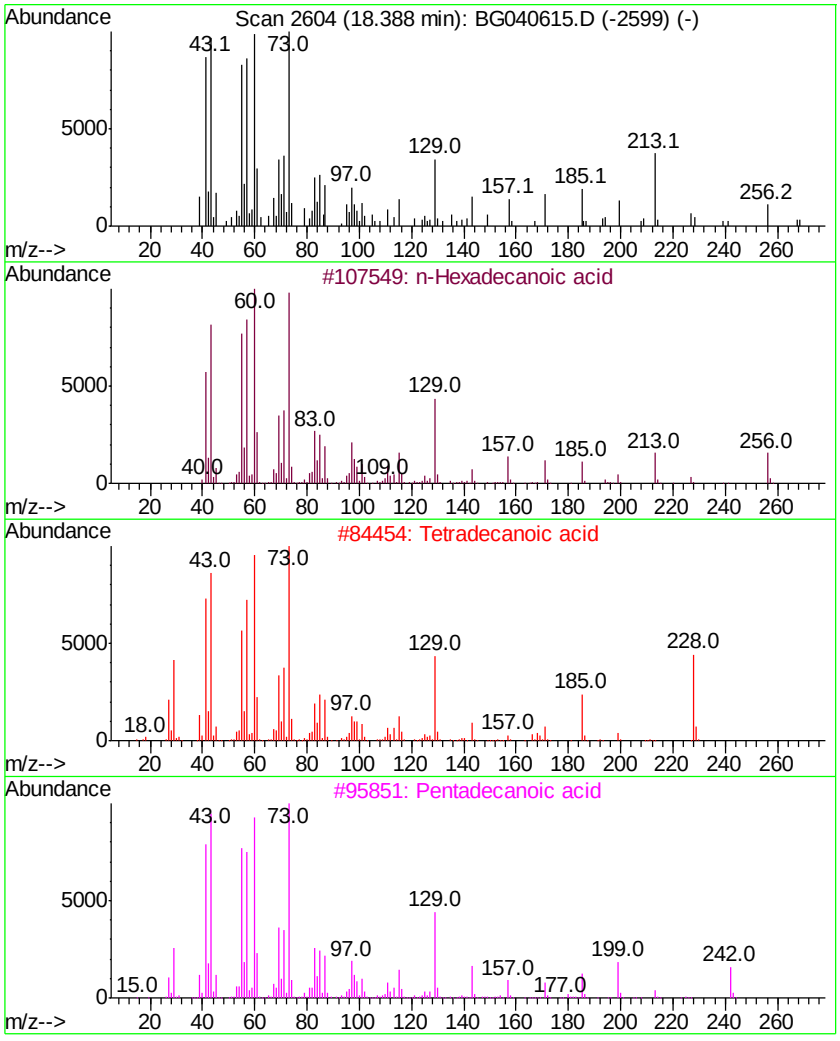
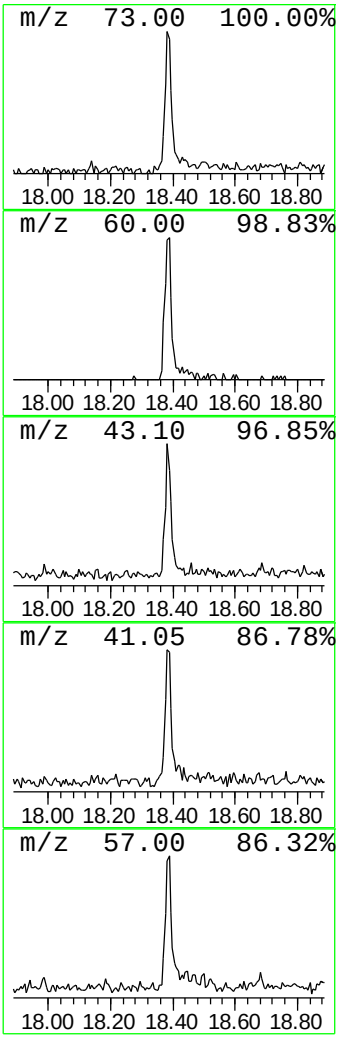
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.71 ng	129558	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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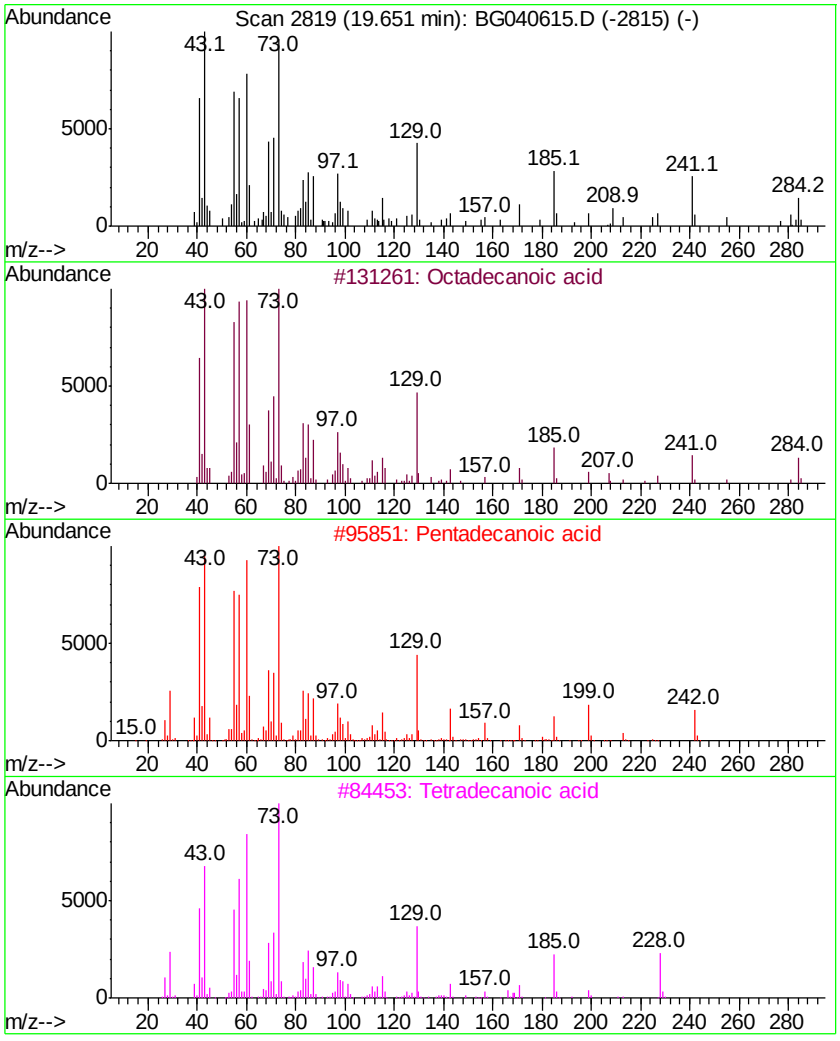
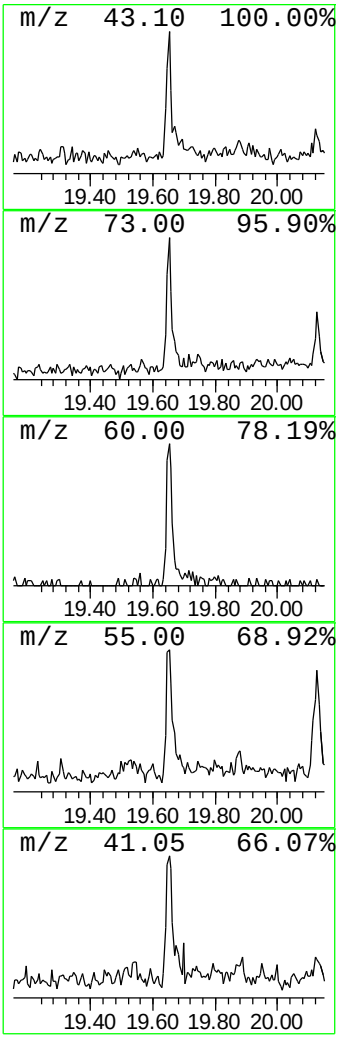
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.05 ng	97924	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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
1-Pentene, 2-methyl-	3.16	40.4	ng	638105	1	8.16	316158	20.0
Butane, 2-methoxy...	3.23	8.6	ng	135947	1	8.16	316158	20.0
unknown7.68	7.68	88.6	ng	1401000	1	8.16	316158	20.0
n-Hexadecanoic acid	18.39	2.7	ng	129558	4	17.53	955893	20.0
Octadecanoic acid	19.65	2.0	ng	97924	4	17.53	955893	20.0