LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031920.D
Acq On : 4 Jan 2018 18:06
Operator : SJ/JU
Sample : J1025-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(50-52)

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-BG122117.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	3.417	16	22	50	rVB	2024038	3973935	100.00%	18.320%
2	3.723	69	74	88	rVB	46283	74041	1.86%	0.341%
3	5.697	404	410	421	rVB	53885	93894	2.36%	0.433%
4	6.208	489	497	509	rBV	585618	1015953	25.57%	4.683%
5	7.889	775	783	794	rBV	608555	1158568	29.15%	5.341%
6	8.294	845	852	862	rBV	635460	1173681	29.53%	5.411%
7	8.782	929	935	945	rBV	142977	260770	6.56%	1.202%
8	9.122	985	993	1004	rBB	437784	820745	20.65%	3.784%
9	9.980	1131	1139	1152	rBV	358727	664456	16.72%	3.063%
10	11.666	1417	1426	1439	rBB	197995	393835	9.91%	1.816%
11	14.046	1824	1831	1844	rVB	1280753	2065987	51.99%	9.524%
12	14.839	1960	1966	1972	rBV	125639	189986	4.78%	0.876%
13	15.415	2056	2064	2072	rVB2	381331	657845	16.55%	3.033%
14	16.890	2308	2315	2324	rBV	1337074	2179273	54.84%	10.046%
15	18.147	2522	2529	2539	rBV2	585916	977972	24.61%	4.508%
16	18.964	2663	2668	2678	rBV2	70500	118359	2.98%	0.546%
17	20.204	2875	2879	2889	rBV3	36964	67701	1.70%	0.312%
18	20.685	2954	2961	2971	rBV	2471787	3369800	84.80%	15.535%
19	22.031	3186	3190	3196	rBV2	39146	65275	1.64%	0.301%
20	22.495	3261	3269	3281	rVB	663510	1217212	30.63%	5.611%
21	26.232	3893	3905	3918	rBV2	355753	1152992	29.01%	5.315%

Sum of corrected areas: 21692280

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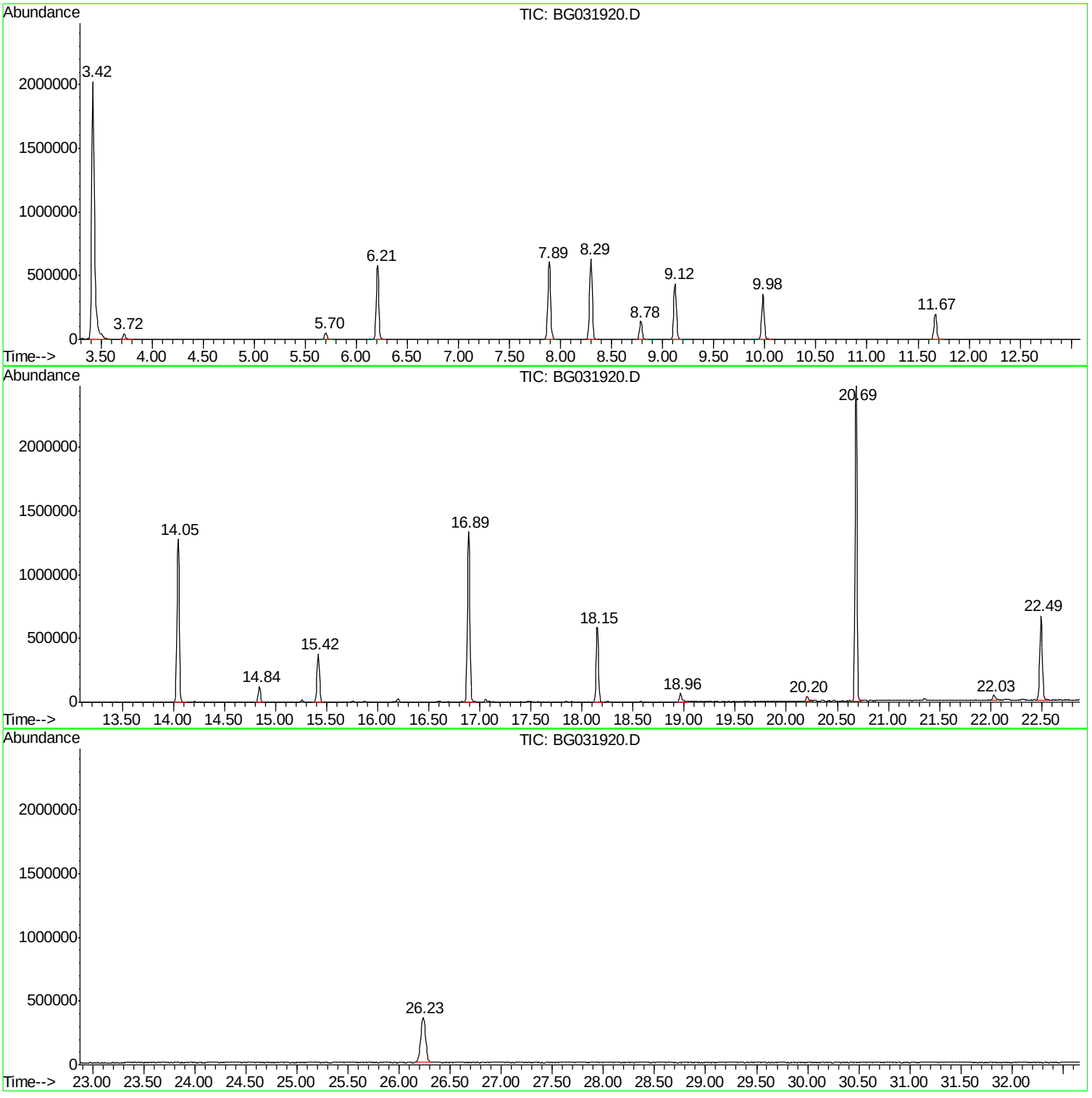
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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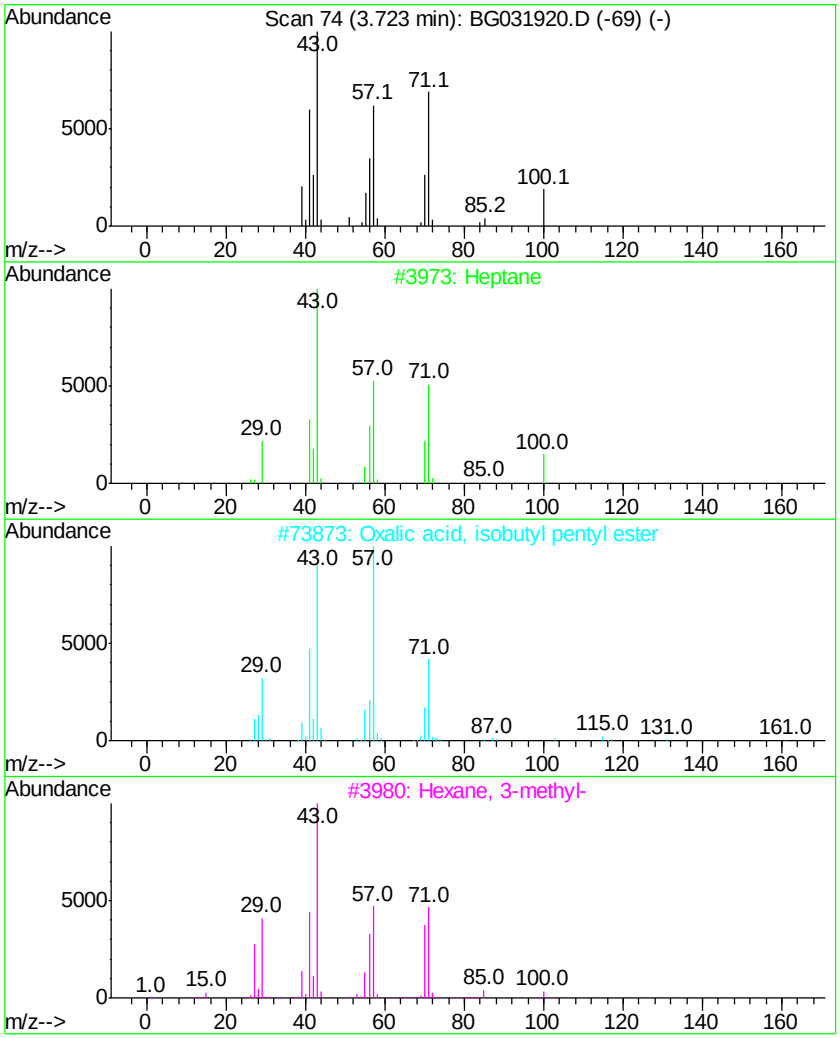
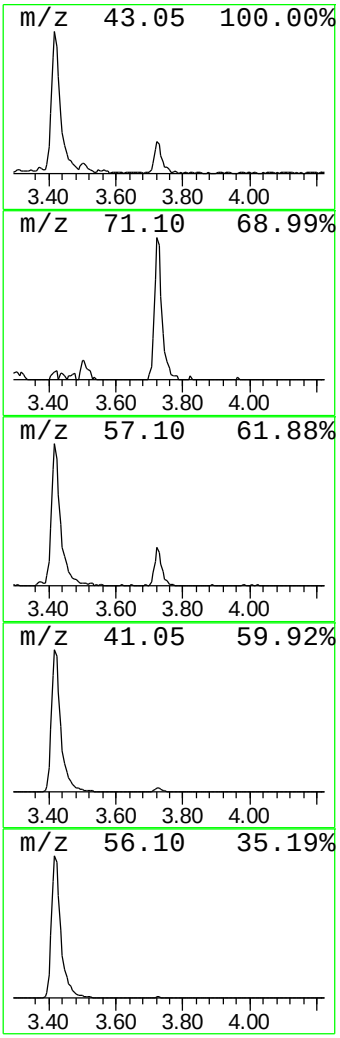
Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	5.68 ng	74041	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	35





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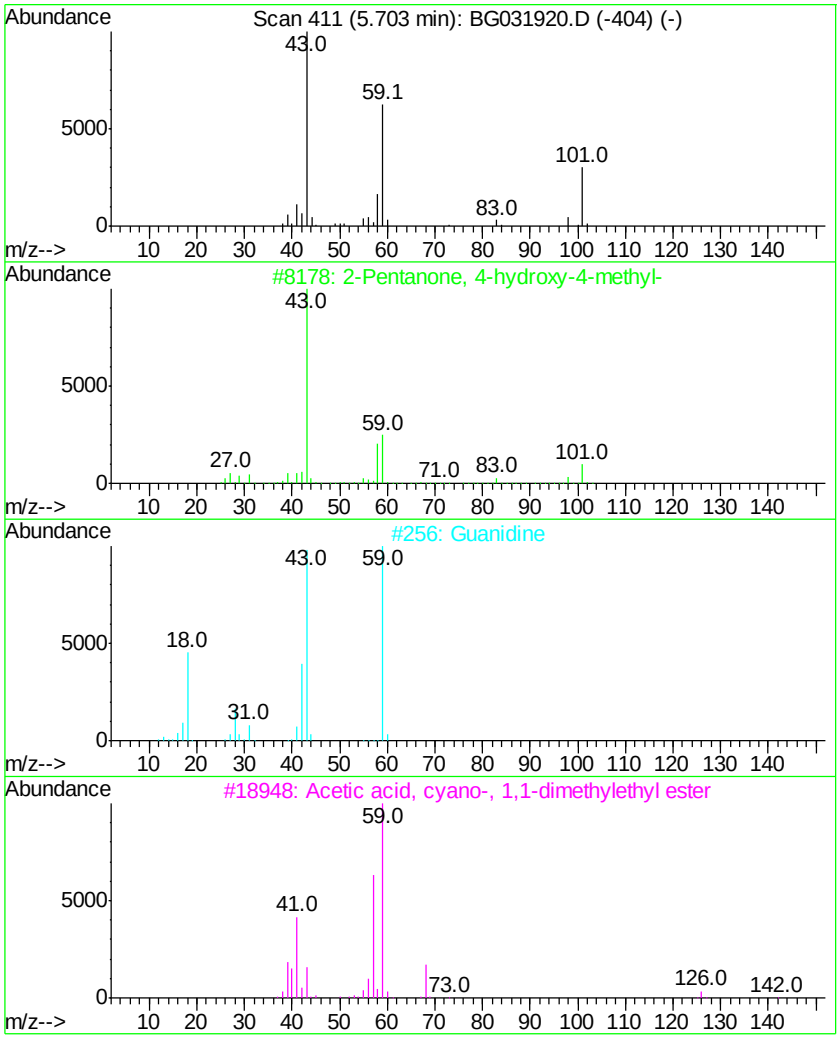
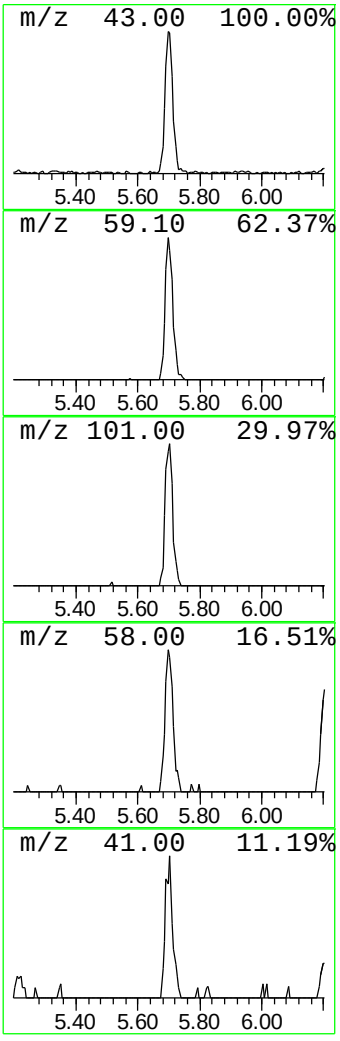
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	7.20 ng	93894	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	12
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Instrument : BNA_G
ClientSampleId : EPE-105-1(50-52)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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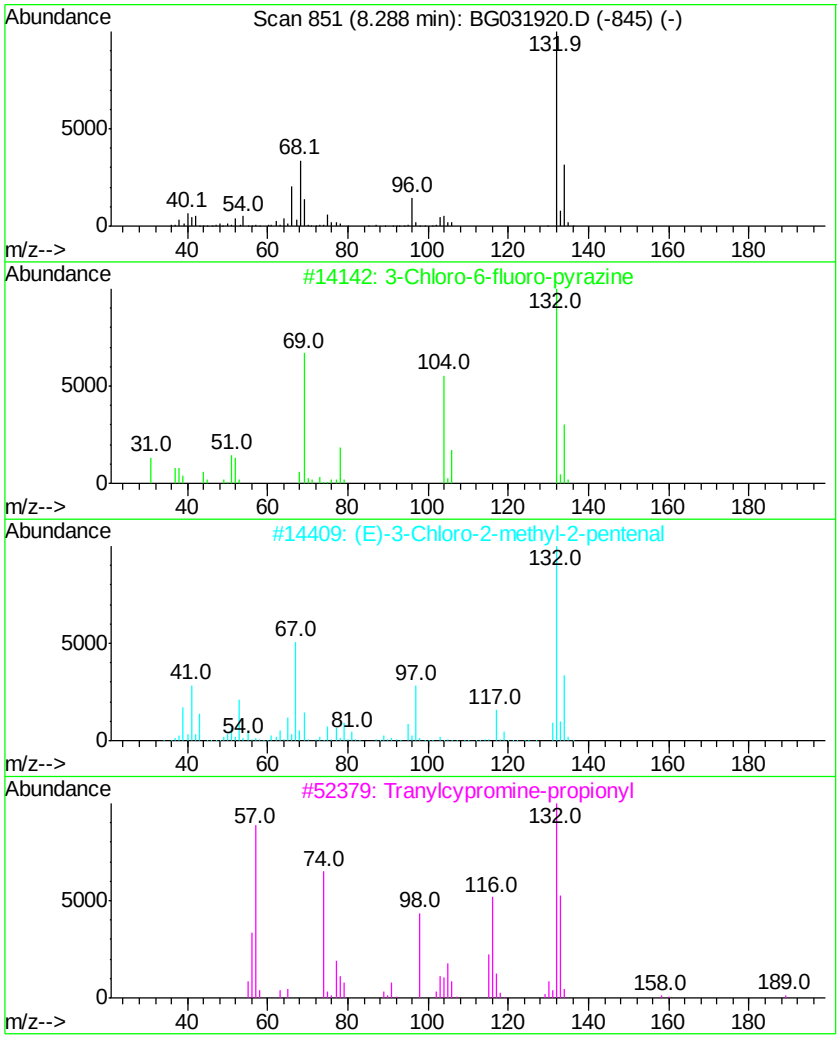
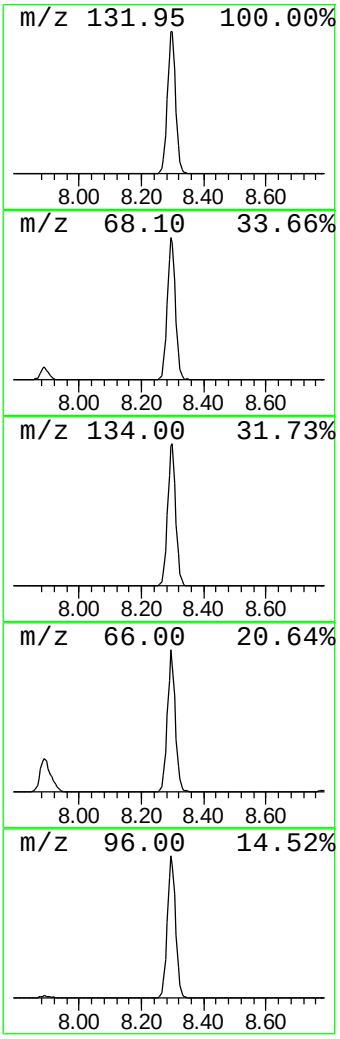
Peak Number 4 unknown8.29 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	90.02 ng	1173680	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_G
ClientSampleId : EPE-105-1(50-52)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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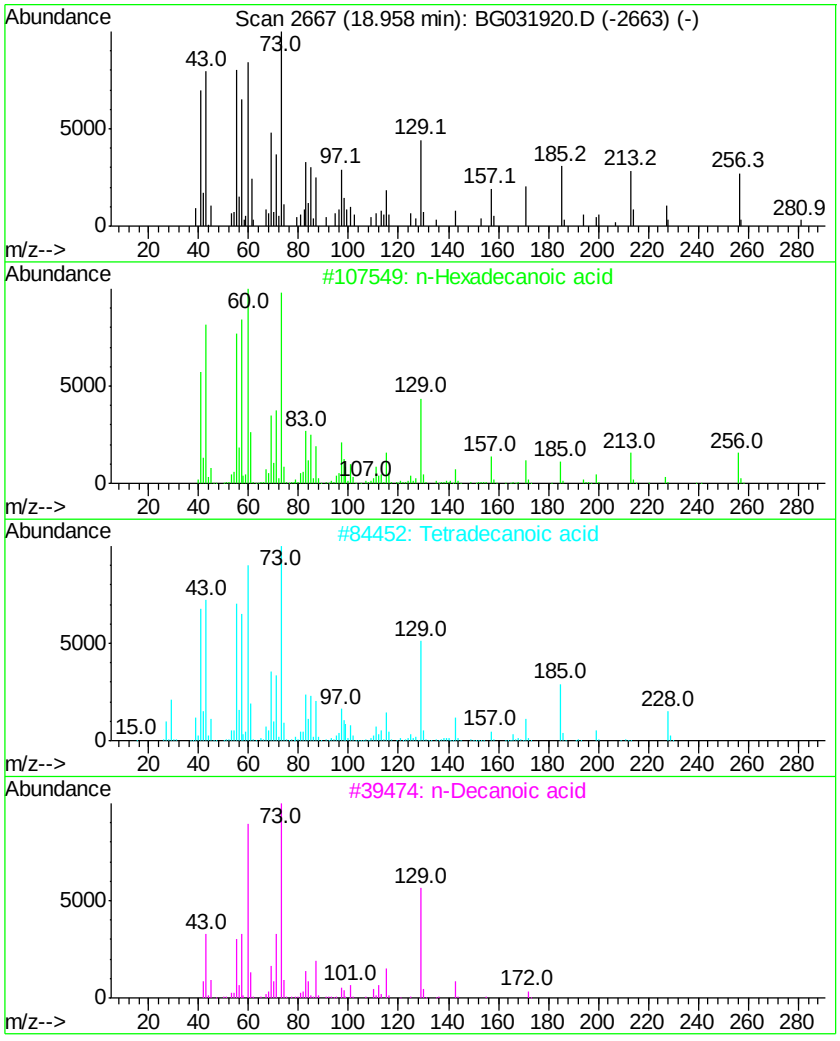
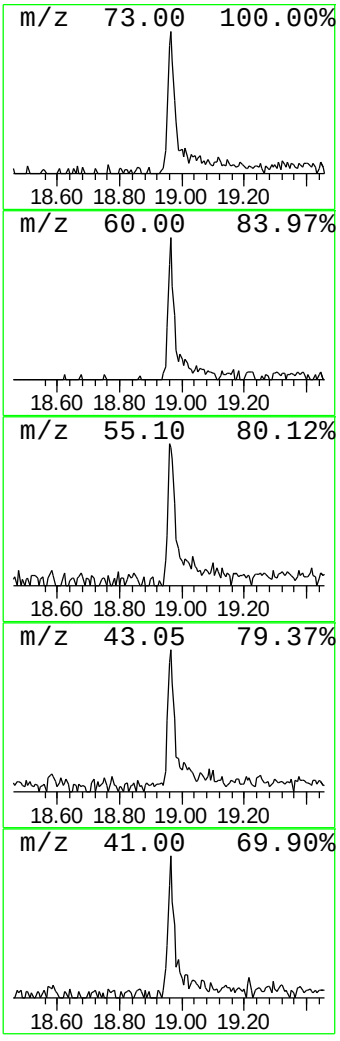
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.42 ng	118359	Phenanthrene-d10	18.15

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	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : EPE-105-1(50-52)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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
Heptane	3.72	5.7	ng	74041	1	8.78	260770	20.0
2-Pentanone, 4-hy...	5.70	7.2	ng	93894	1	8.78	260770	20.0
unknown8.29	8.29	90.0	ng	1173680	1	8.78	260770	20.0
n-Hexadecanoic acid	18.96	2.4	ng	118359	4	18.15	977972	20.0