LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033684.D
Acq On : 9 Apr 2018 17:16
Operator : SJ/JU
Sample : J2282-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-L-6(20-22)

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-BG031918.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	3.475	25	32	43	rBV2	72632	157853	4.14%	0.787%
2	3.569	43	48	58	rVB	59801	96053	2.52%	0.479%
3	5.772	417	423	433	rBV	44846	81082	2.13%	0.404%
4	6.284	503	510	534	rBV	808124	1598095	41.95%	7.964%
5	7.970	790	797	813	rBV	816311	1739564	45.67%	8.669%
6	8.369	859	865	890	rBV	785848	1627594	42.73%	8.111%
7	8.863	942	949	959	rBV2	97315	230017	6.04%	1.146%
8	9.192	995	1005	1021	rBV	584993	1167976	30.66%	5.821%
9	10.056	1143	1152	1172	rBV	446996	1030282	27.05%	5.134%
10	11.742	1431	1439	1452	rBV	153548	327797	8.61%	1.634%
11	14.104	1828	1841	1858	rBV	1345402	2303575	60.47%	11.480%
12	14.897	1969	1976	1984	rBV	124675	207096	5.44%	1.032%
13	15.473	2068	2074	2085	rBV3	296571	519628	13.64%	2.590%
14	16.237	2200	2204	2209	rVB	31998	43499	1.14%	0.217%
15	16.948	2318	2325	2344	rBV	1349492	2251228	59.10%	11.219%
16	17.094	2346	2350	2359	rVB	31917	55554	1.46%	0.277%
17	18.205	2531	2539	2551	rBV	440421	742162	19.48%	3.699%
18	19.004	2670	2675	2688	rBV	108727	176969	4.65%	0.882%
19	20.725	2961	2968	2980	rBV	2703000	3809171	100.00%	18.983%
20	22.065	3190	3196	3209	rBV2	123875	232461	6.10%	1.158%
21	22.547	3269	3278	3291	rBV	441309	879278	23.08%	4.382%
22	26.313	3908	3919	3930	rBV3	241300	789350	20.72%	3.934%

Sum of corrected areas: 20066284

LSC Report - Integrated Chromatogram

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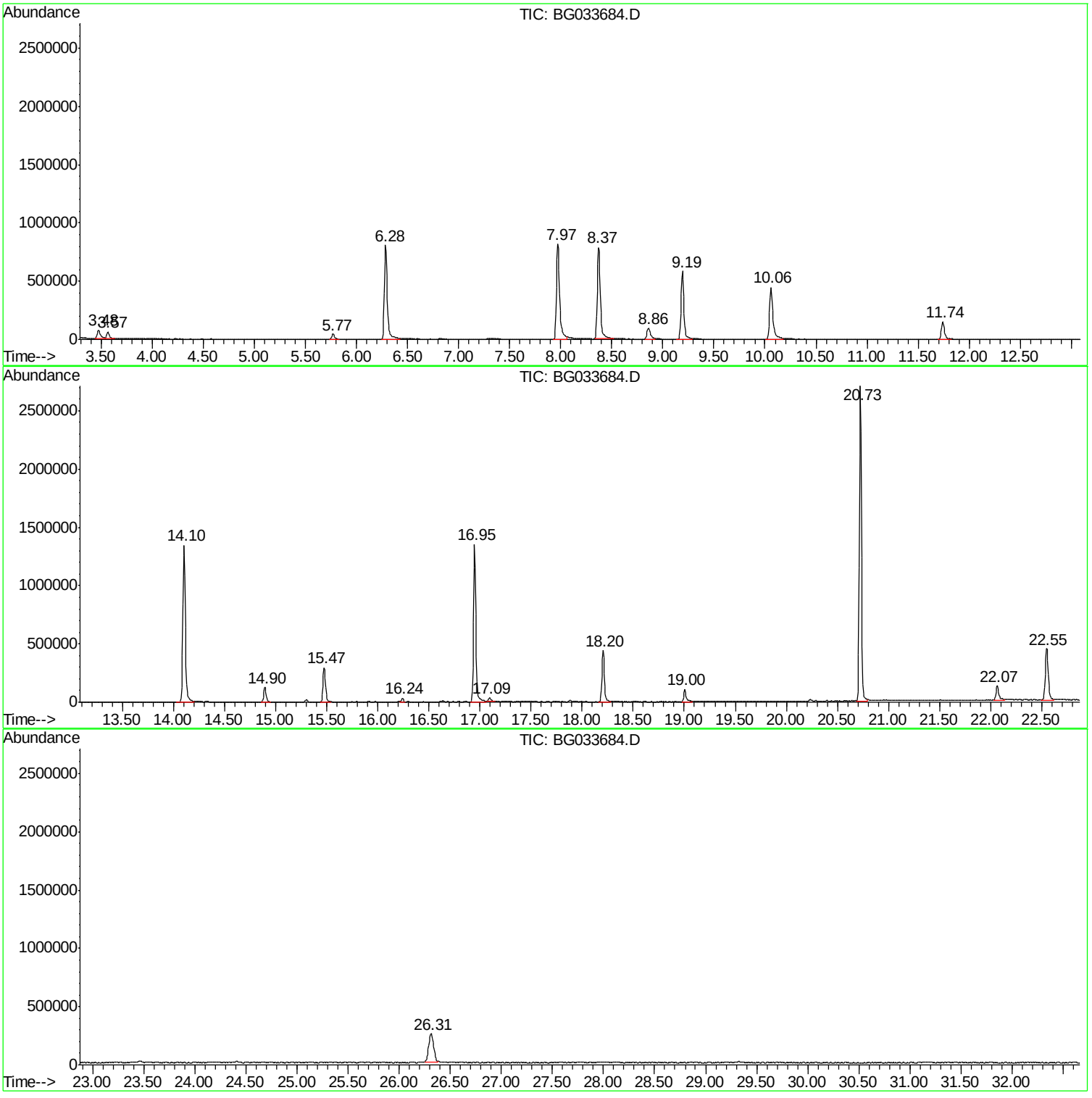
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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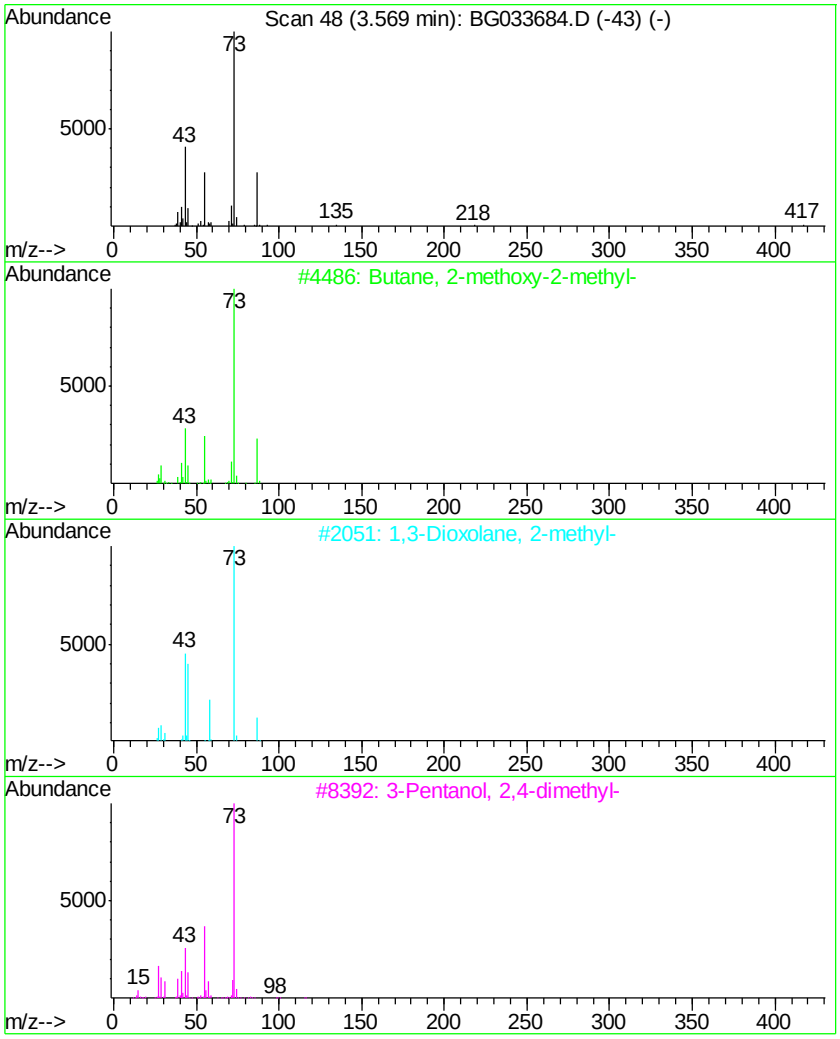
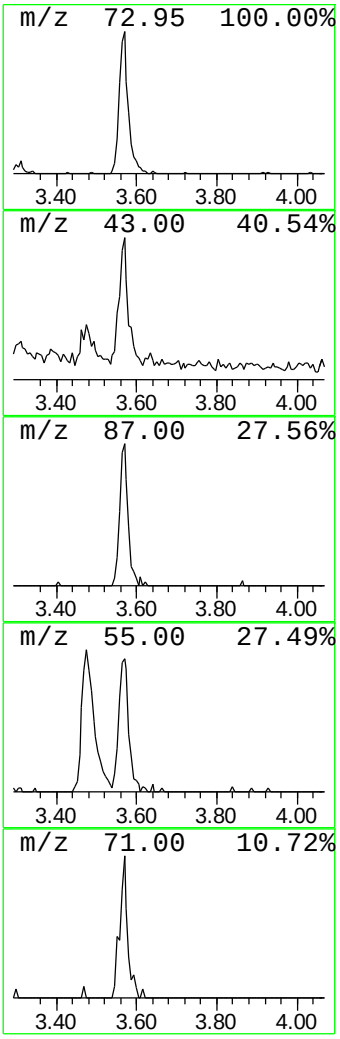
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	8.35 ng	96053	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Instrument : BNA_G
ClientSampleId : EPE-L-6(20-22)

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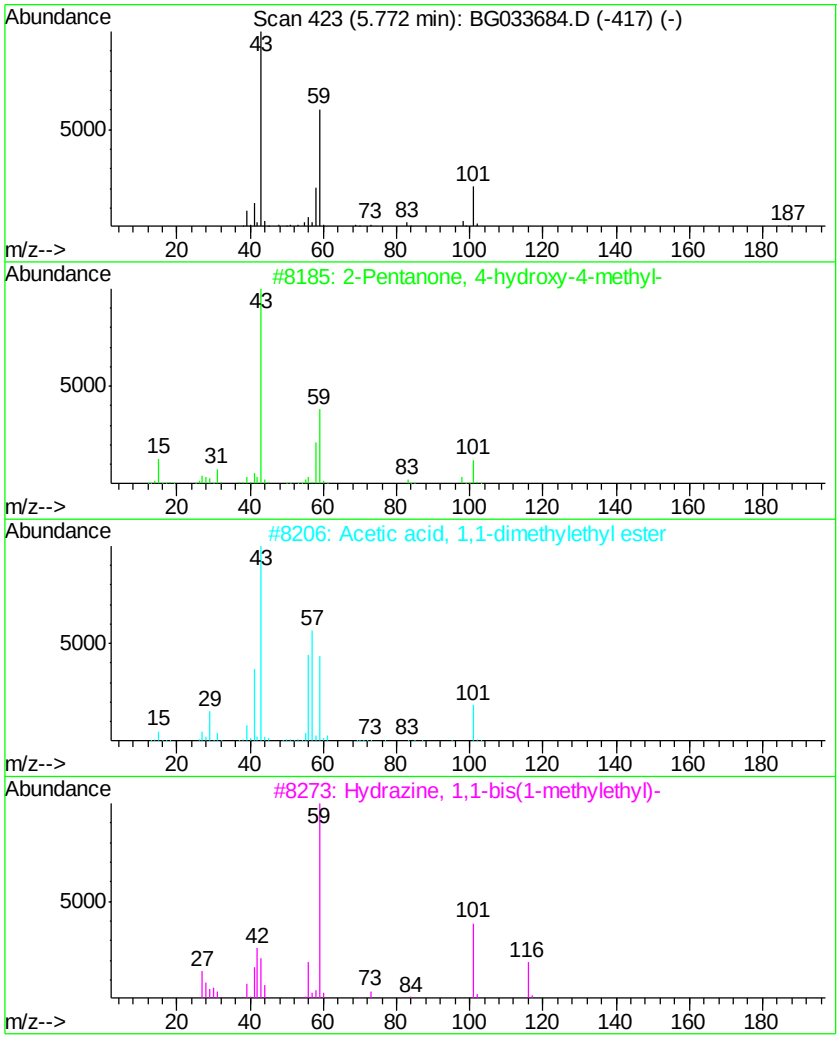
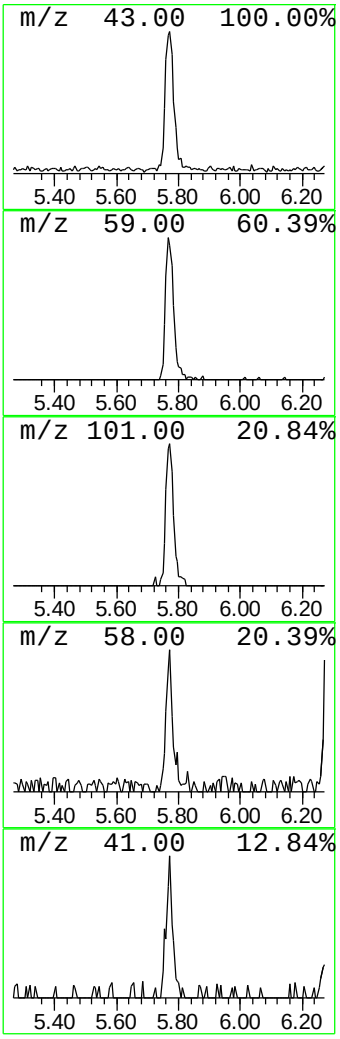
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	7.05 ng	81082	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	25





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Instrument : BNA_G
ClientSampleId : EPE-L-6(20-22)

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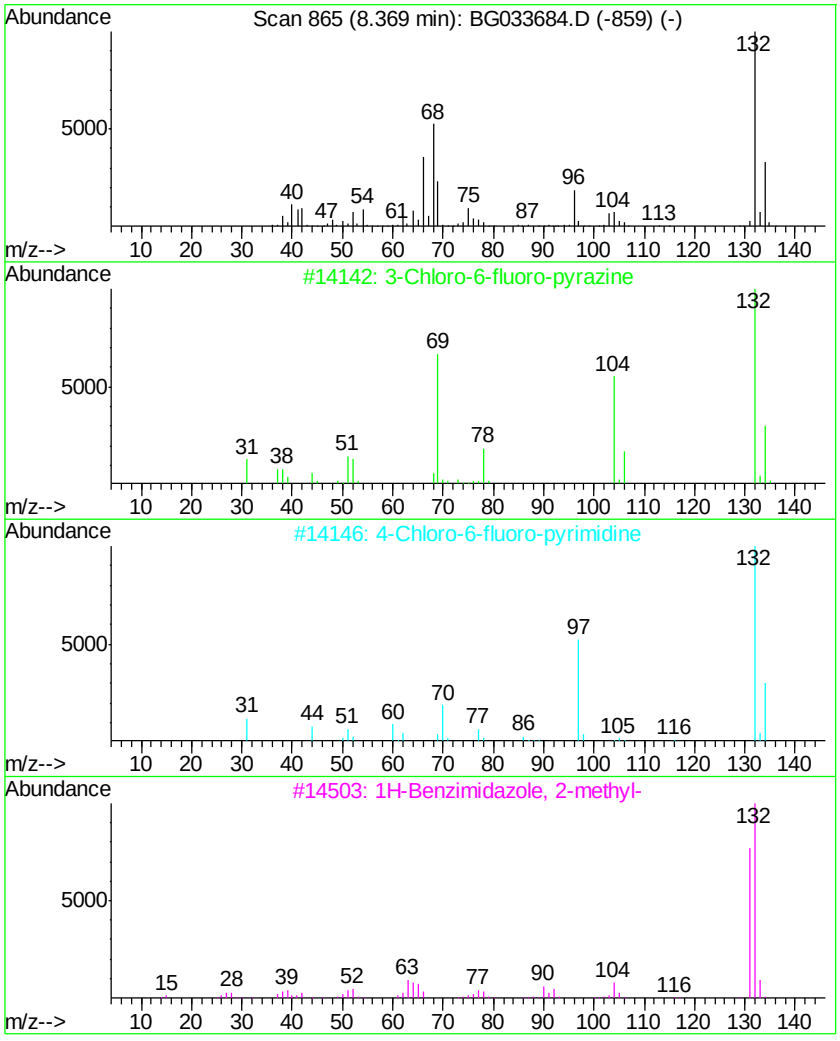
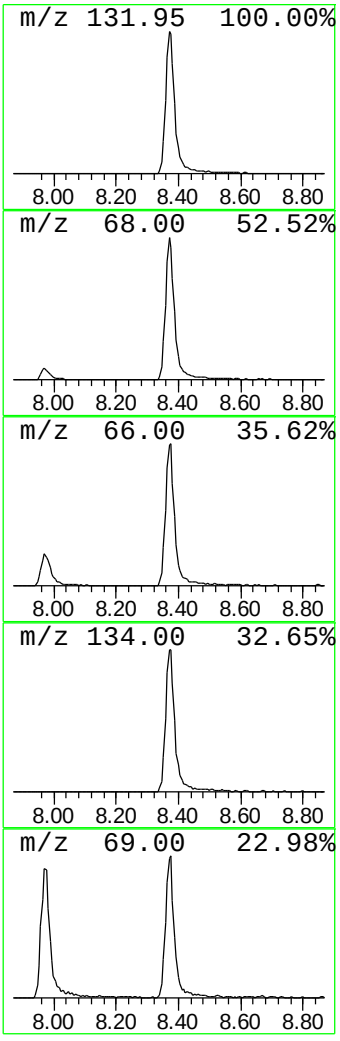
Peak Number 4 unknown8.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	141.52 ng	1627590	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





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Instrument : BNA_G
ClientSampleId : EPE-L-6(20-22)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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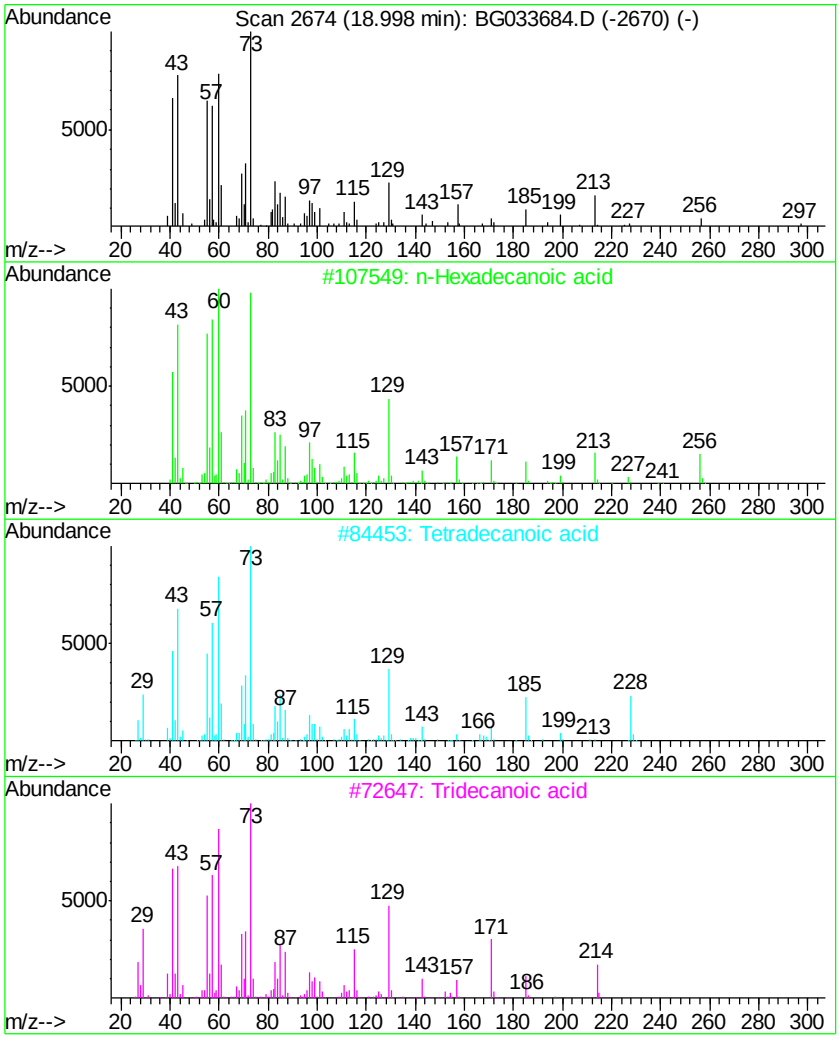
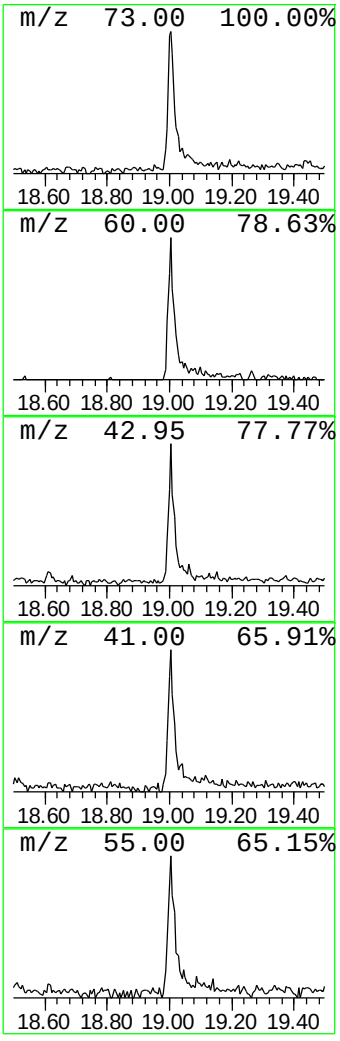
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.77 ng	176969	Phenanthrene-d10	18.20

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	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Instrument : BNA_G
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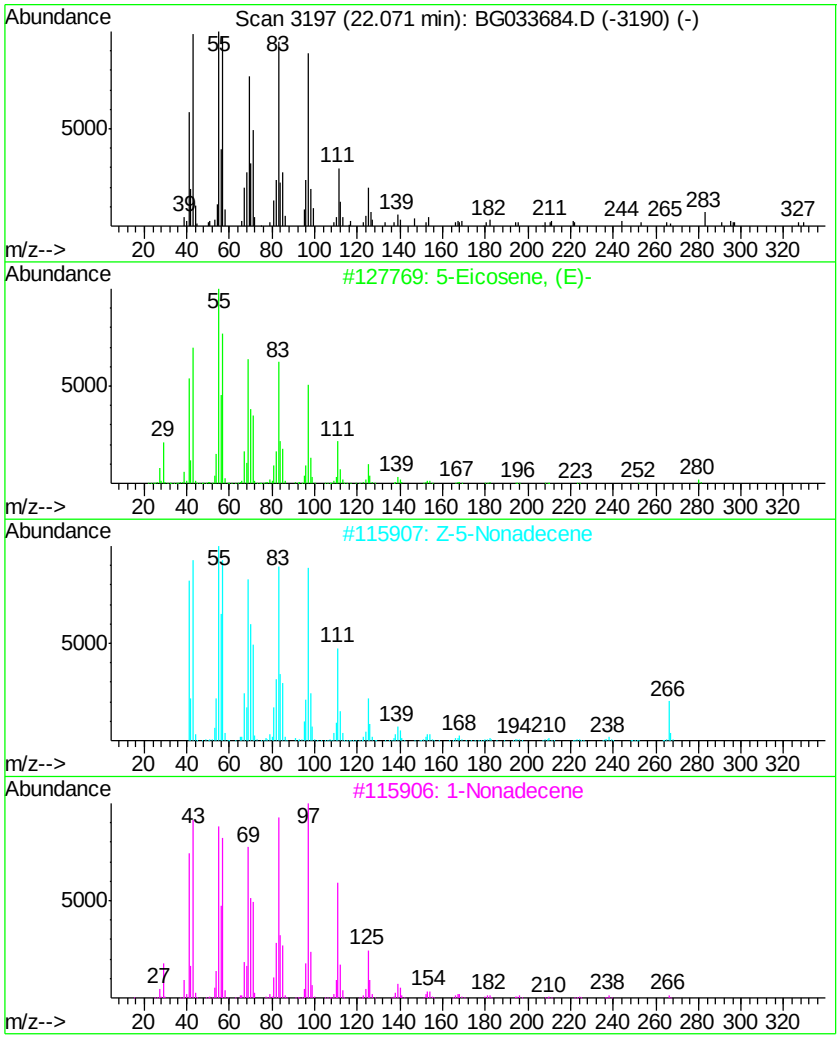
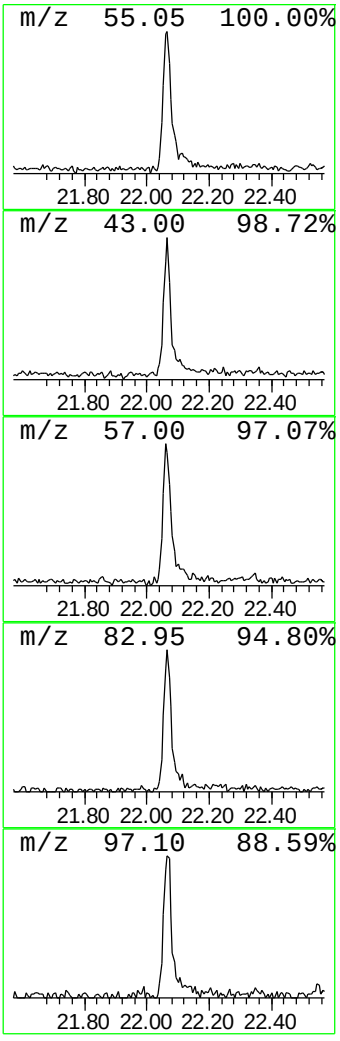
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	5.29 ng	232461	Chrysene-d12	22.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	97
3	1-Nonadecene	266	C19H38	018435-45-5	97
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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
Butane, 2-methoxy...	3.57	8.3	ng	96053	1	8.86	230017	20.0
2-Pentanone, 4-hy...	5.77	7.0	ng	81082	1	8.86	230017	20.0
unknown8.37	8.37	141.5	ng	1627590	1	8.86	230017	20.0
n-Hexadecanoic acid	19.00	4.8	ng	176969	4	18.20	742162	20.0
5-Eicosene, (E)-	22.07	5.3	ng	232461	5	22.55	879278	20.0