LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033604.D
Acq On : 5 Apr 2018 22:19
Operator : SJ/JU
Sample : J2265-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PF-6

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	26	32	43	rBV	66845	127556	4.57%	0.815%
2	3.563	43	47	54	rVB	37499	57434	2.06%	0.367%
3	5.773	414	423	431	rBV2	28707	49092	1.76%	0.314%
4	6.290	505	511	531	rBV	476828	997906	35.72%	6.373%
5	7.970	791	797	816	rBV	532591	1206411	43.18%	7.705%
6	8.375	858	866	880	rBV	503321	1078969	38.62%	6.891%
7	8.863	940	949	959	rBV	92880	218295	7.81%	1.394%
8	9.192	997	1005	1018	rBV	364323	747539	26.76%	4.774%
9	10.062	1146	1153	1164	rBV	291064	669523	23.97%	4.276%
10	11.742	1432	1439	1457	rBV	157618	351474	12.58%	2.245%
11	14.104	1830	1841	1862	rBV	959301	1621963	58.06%	10.358%
12	14.897	1966	1976	1986	rBV	89919	149424	5.35%	0.954%
13	15.303	2039	2045	2050	rBV	25977	35466	1.27%	0.226%
14	15.479	2067	2075	2086	rBV2	345311	599475	21.46%	3.828%
15	16.243	2201	2205	2209	rVB	38034	48457	1.73%	0.309%
16	16.948	2319	2325	2342	rBV	971902	1655687	59.27%	10.574%
17	17.095	2345	2350	2360	rVB2	40679	75306	2.70%	0.481%
18	17.882	2479	2484	2489	rBV	26236	34102	1.22%	0.218%
19	18.205	2531	2539	2552	rBV	466919	820210	29.36%	5.238%
20	19.004	2670	2675	2688	rBV3	114295	191047	6.84%	1.220%
21	20.238	2881	2885	2893	rBV8	27031	47639	1.71%	0.304%
22	20.726	2962	2968	2980	rBV	2056589	2793599	100.00%	17.841%
23	22.065	3189	3196	3204	rBV2	141534	259253	9.28%	1.656%
24	22.553	3272	3279	3288	rBV2	456818	880736	31.53%	5.625%
25	23.464	3431	3434	3443	rVB8	25323	52649	1.88%	0.336%
26	24.421	3593	3597	3603	rVB6	15162	31765	1.14%	0.203%
27	26.313	3906	3919	3935	rBV3	242168	857401	30.69%	5.476%

Sum of corrected areas: 15658378

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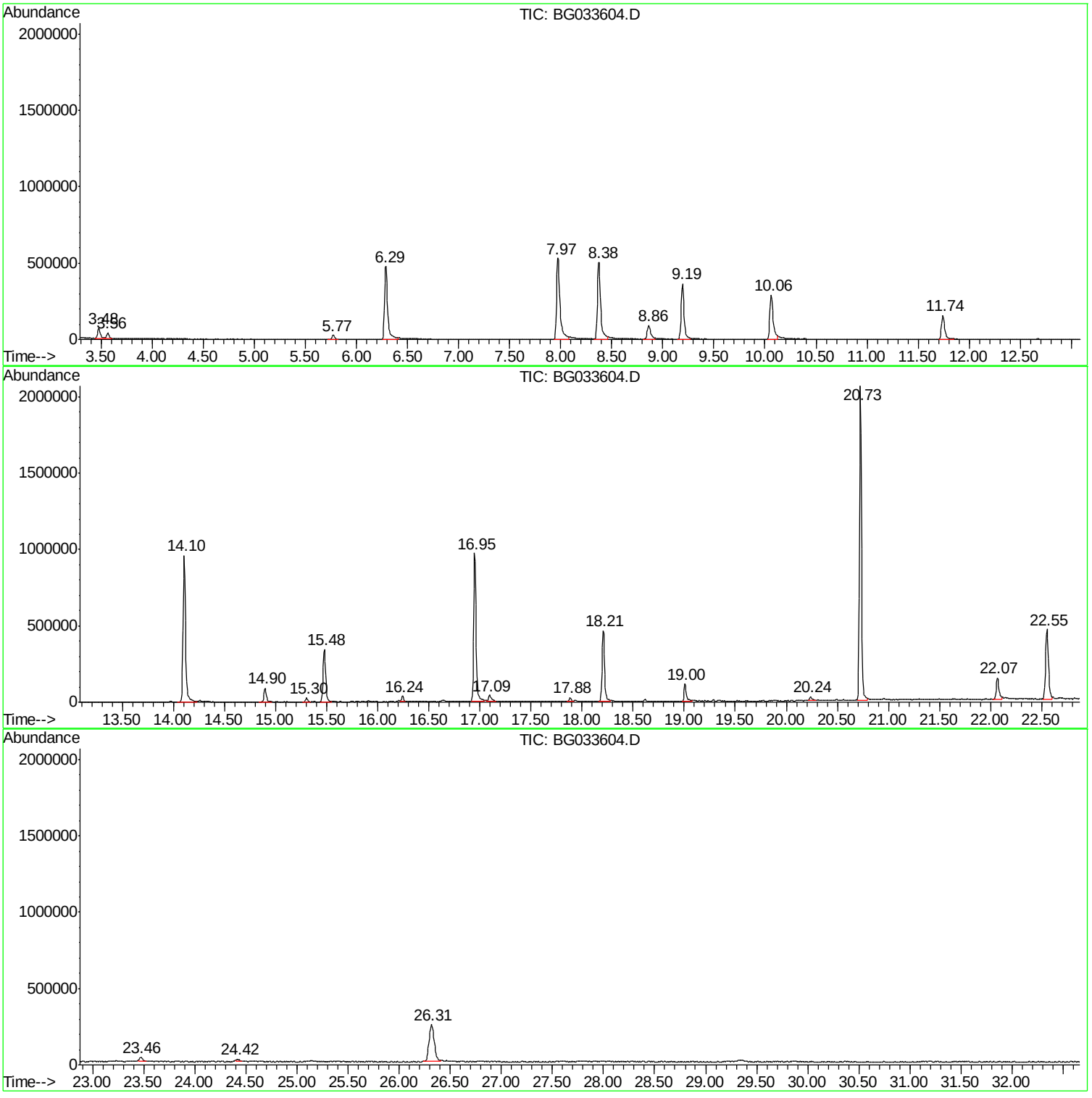
Instrument : BNA_G
ClientSampleId : PF-6

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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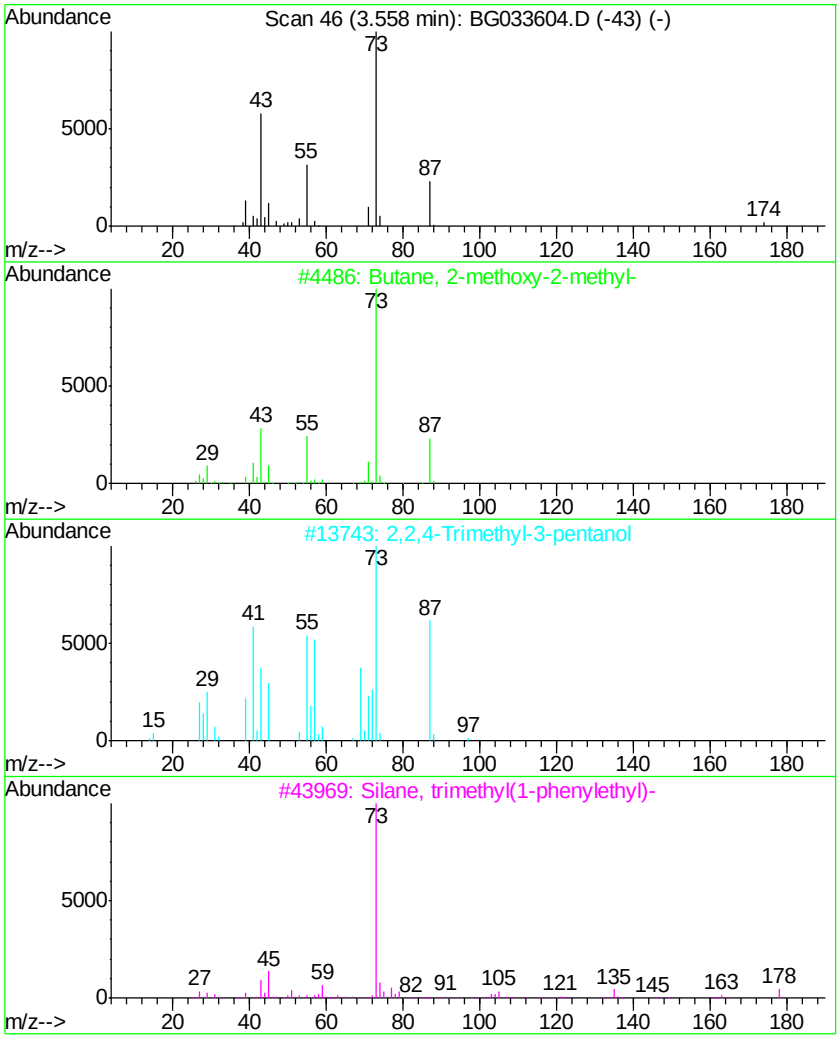
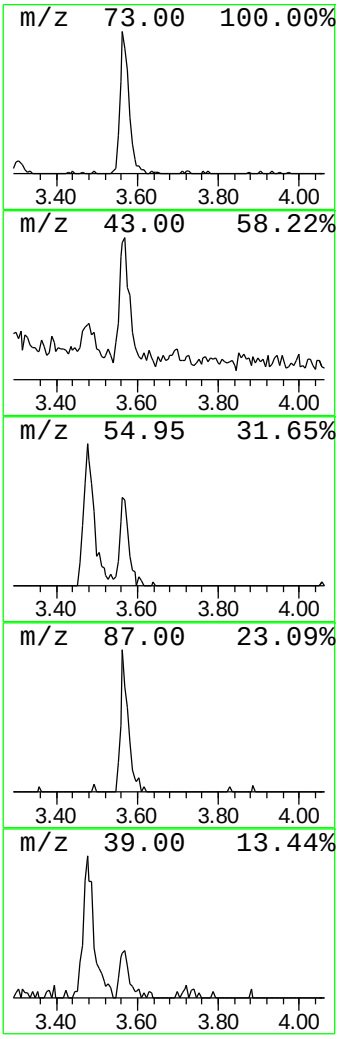
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	5.26 ng	57434	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	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
3	Silane, trimethyl(1-phenylethyl)-	178	C11H18Si	017961-78-3	9
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Instrument : BNA_G
ClientSampleId : PF-6

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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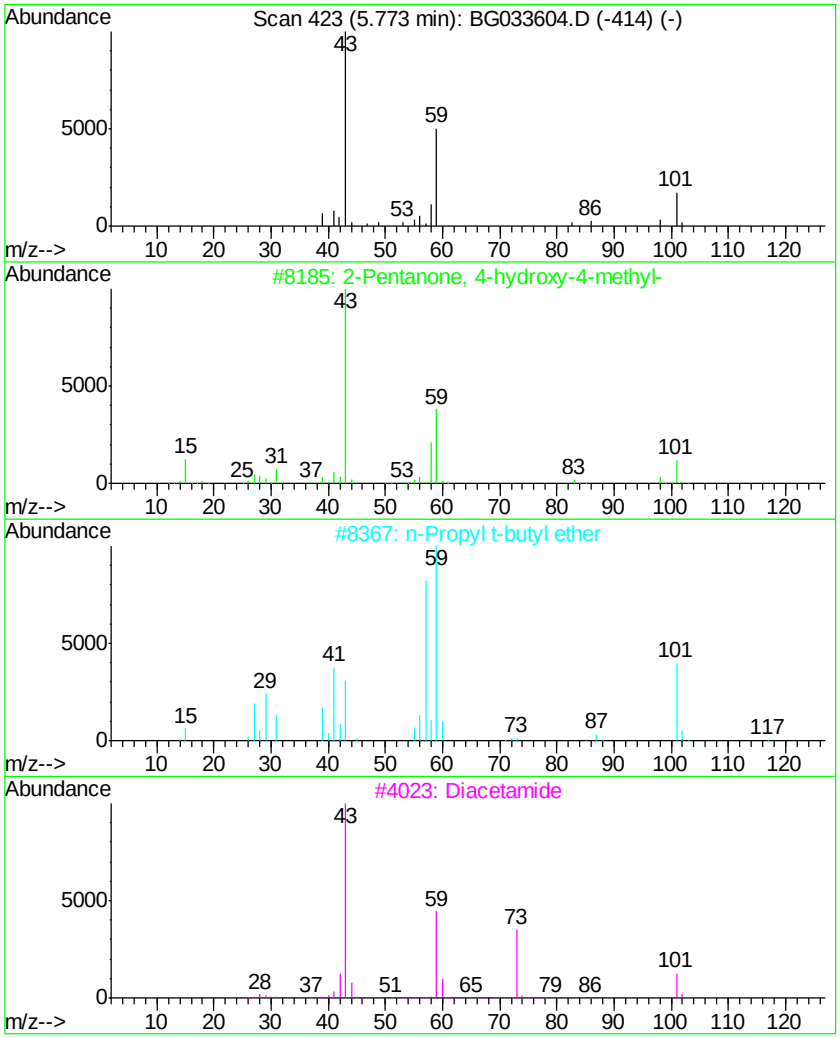
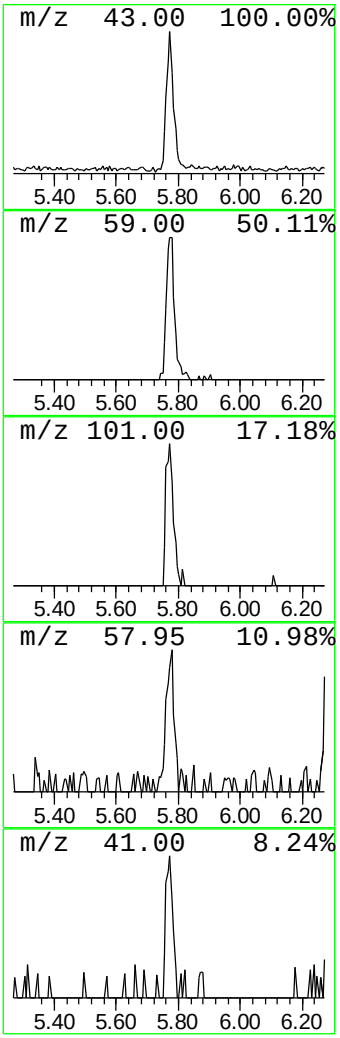
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	4.50 ng	49092	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	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_G
ClientSampleId : PF-6

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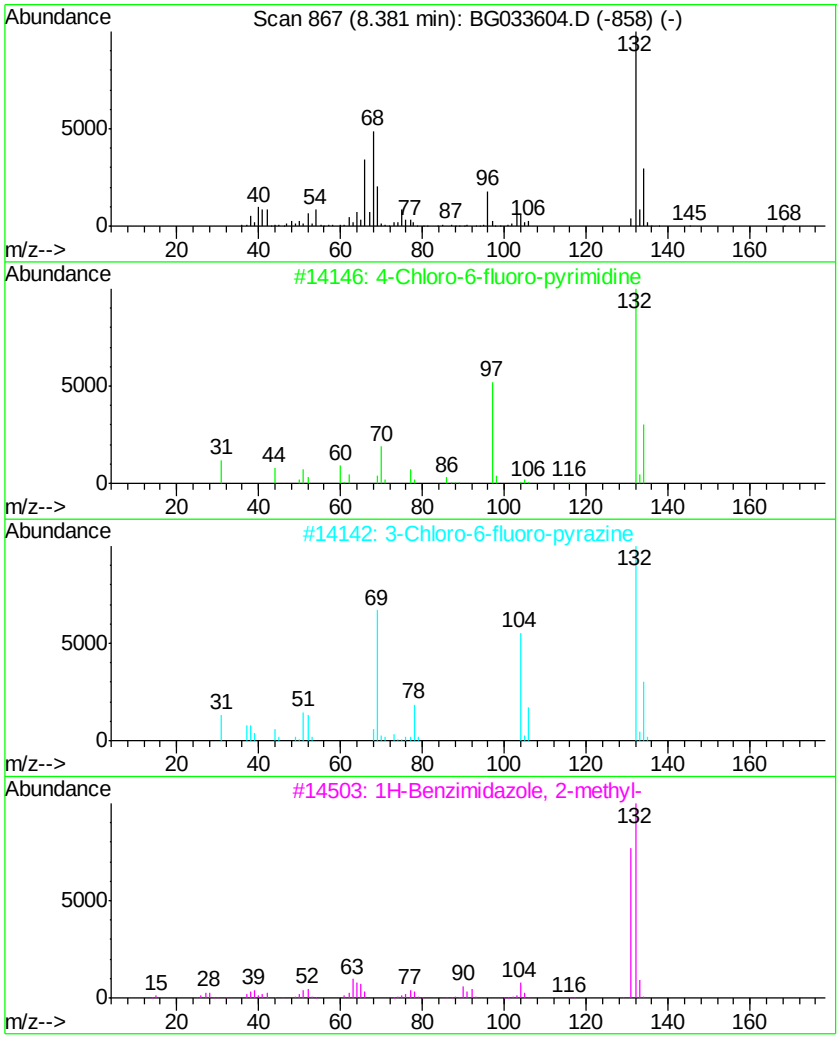
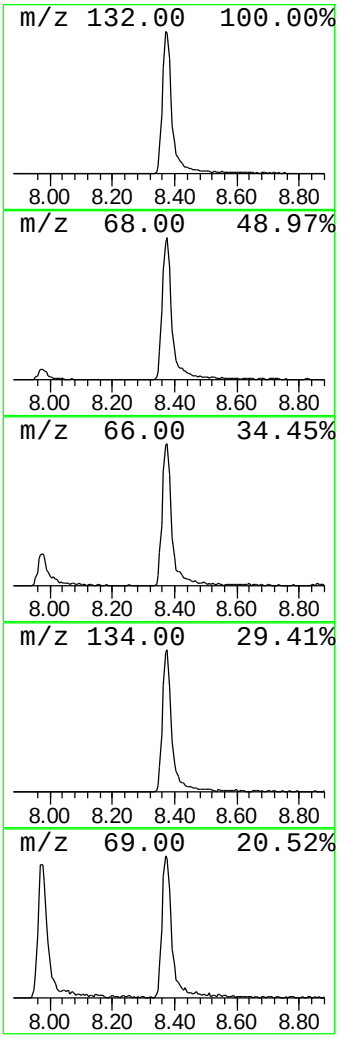
Peak Number 4 unknown8.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	98.85 ng	1078970	1,4-Dichlorobenzene-d4	8.86

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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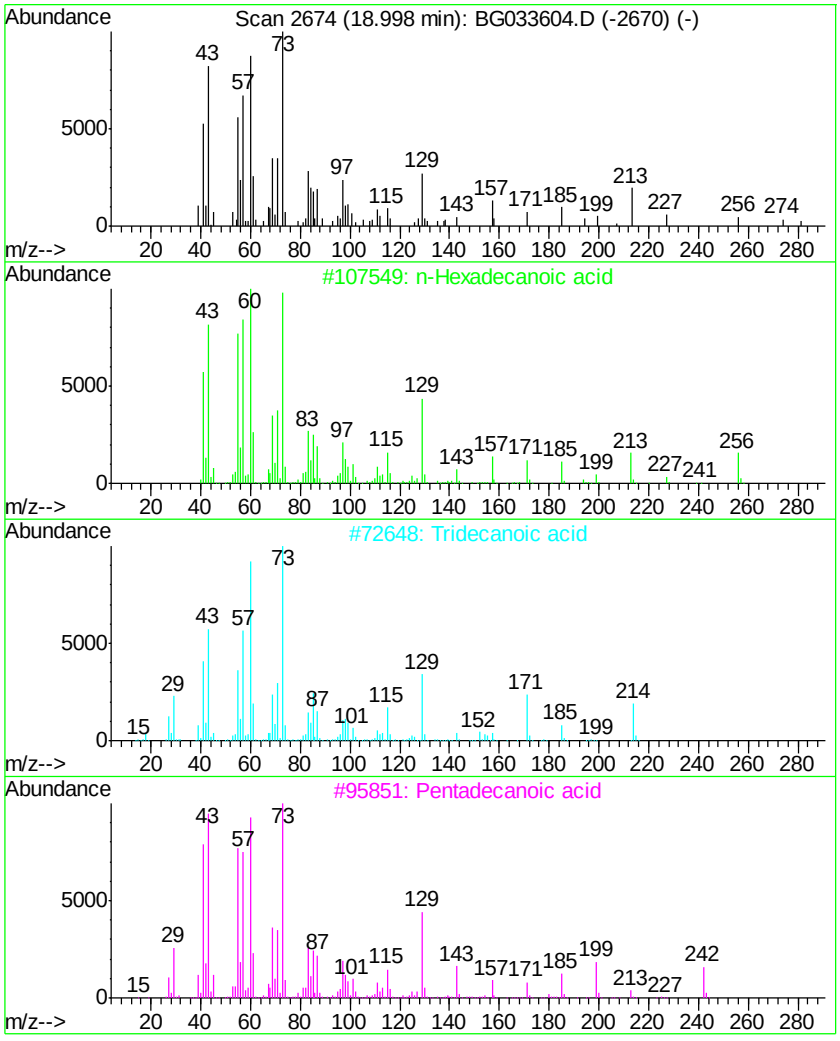
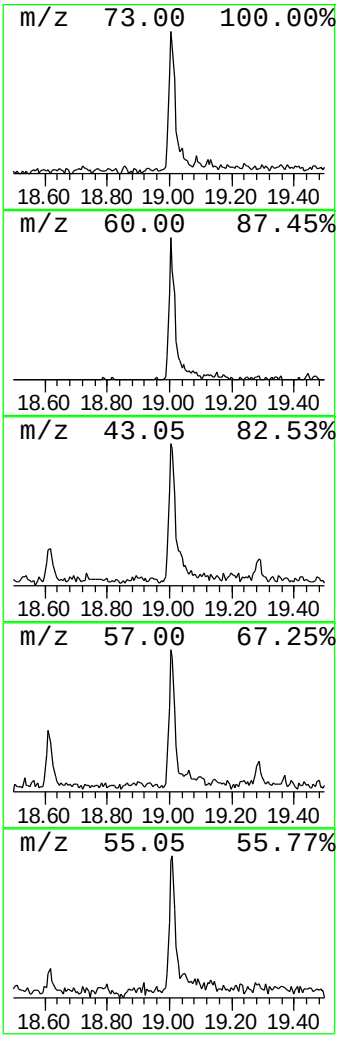
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.66 ng	191047	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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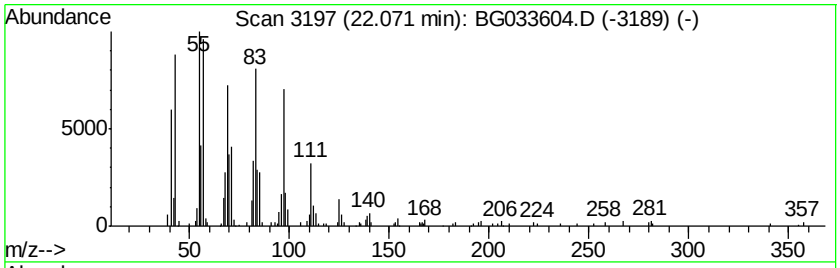
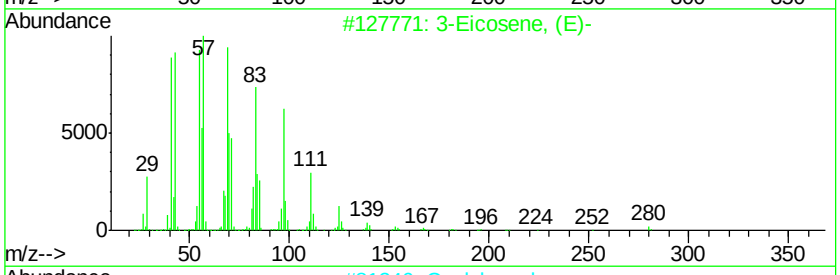
****

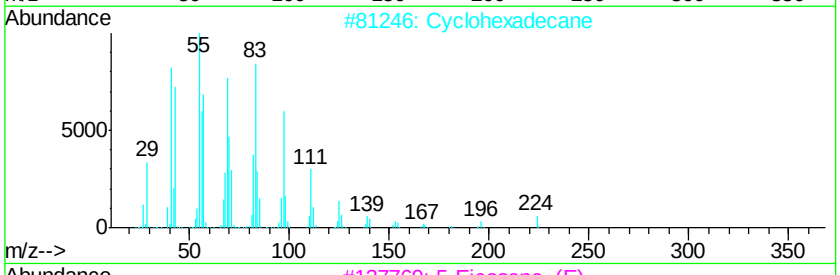
Peak Number 7 3-Eicosene, (E)- Concentration Rank 4

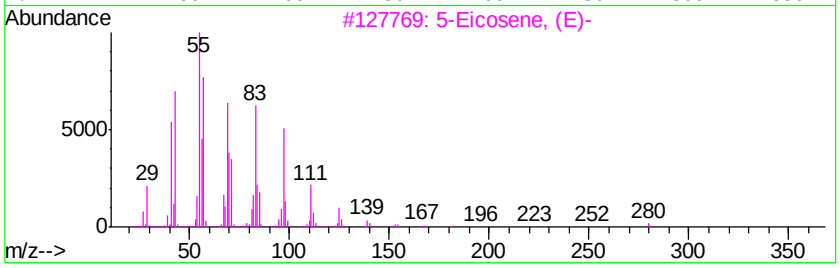
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	5.89 ng	259253	Chrysene-d12	22.55

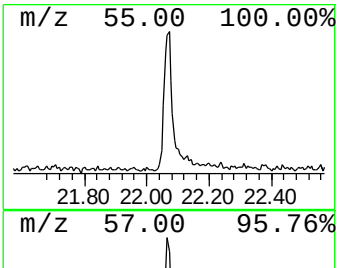
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	Cyclohexadecane	224	C16H32	000295-65-8	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94

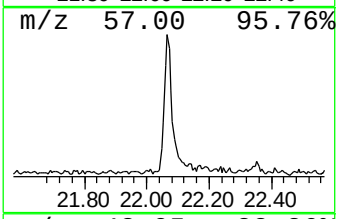


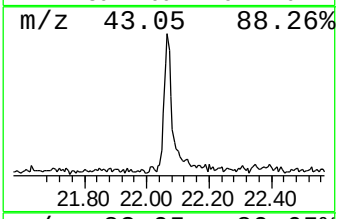


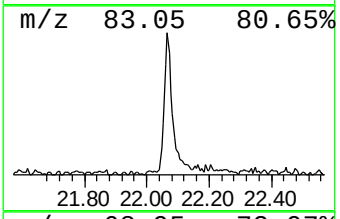


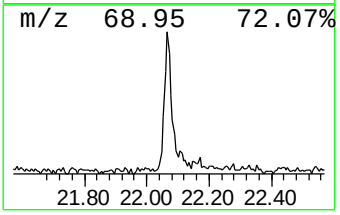












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.56	5.3	ng	57434	1	8.86	218295	20.0
2-Pentanone, 4-hy...	5.77	4.5	ng	49092	1	8.86	218295	20.0
unknown8.38	8.38	98.8	ng	1078970	1	8.86	218295	20.0
n-Hexadecanoic acid	19.00	4.7	ng	191047	4	18.21	820210	20.0
3-Eicosene, (E)-	22.07	5.9	ng	259253	5	22.55	880736	20.0