LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025578.D
Acq On : 21 Jan 2017 18:05
Operator : UM/SJ
Sample : I1329-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

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-BG122116.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	5.234	399	408	421	rBV	548359	903263	19.35%	2.785%
2	5.716	483	490	505	rBV	1304265	2331328	49.95%	7.188%
3	7.344	759	767	781	rBV	1357044	2706414	57.98%	8.345%
4	7.708	822	829	841	rBV	1395762	2510557	53.79%	7.741%
5	8.178	899	909	923	rVB	330180	608985	13.05%	1.878%
6	8.501	955	964	973	rBV	1000427	1837051	39.36%	5.664%
7	9.365	1102	1111	1121	rBV	860357	1676245	35.91%	5.168%
8	11.004	1383	1390	1403	rVB	422040	832109	17.83%	2.566%
9	13.425	1795	1802	1811	rBV	1976513	3211486	68.80%	9.902%
10	14.253	1935	1943	1950	rBV3	113578	188660	4.04%	0.582%
11	14.806	2029	2037	2044	rBV	720066	1160771	24.87%	3.579%
12	15.599	2168	2172	2176	rVB	52768	70453	1.51%	0.217%
13	16.298	2284	2291	2303	rBV	2172817	3338814	71.53%	10.295%
14	16.457	2314	2318	2325	rBV2	57782	107432	2.30%	0.331%
15	17.244	2446	2452	2456	rBV3	50786	82446	1.77%	0.254%
16	17.555	2498	2505	2510	rBV2	881216	1449043	31.04%	4.468%
17	17.596	2510	2512	2521	rVB2	74793	114967	2.46%	0.354%
18	17.984	2572	2578	2581	rBV8	37183	54188	1.16%	0.167%
19	18.395	2644	2648	2656	rBV3	168009	292795	6.27%	0.903%
20	19.594	2848	2852	2858	rBV	151783	225129	4.82%	0.694%
21	19.659	2859	2863	2868	rBV8	50863	86644	1.86%	0.267%
22	19.964	2911	2915	2922	rVB	145425	221080	4.74%	0.682%
23	20.135	2939	2944	2950	rBV	3406484	4667610	100.00%	14.392%
24	21.415	3158	3162	3173	rVB5	151519	342690	7.34%	1.057%
25	21.844	3228	3235	3240	rBV	1029570	1779838	38.13%	5.488%
26	25.229	3803	3811	3820	rVB3	576910	1632745	34.98%	5.034%

Sum of corrected areas: 32432743

LSC Report - Integrated Chromatogram

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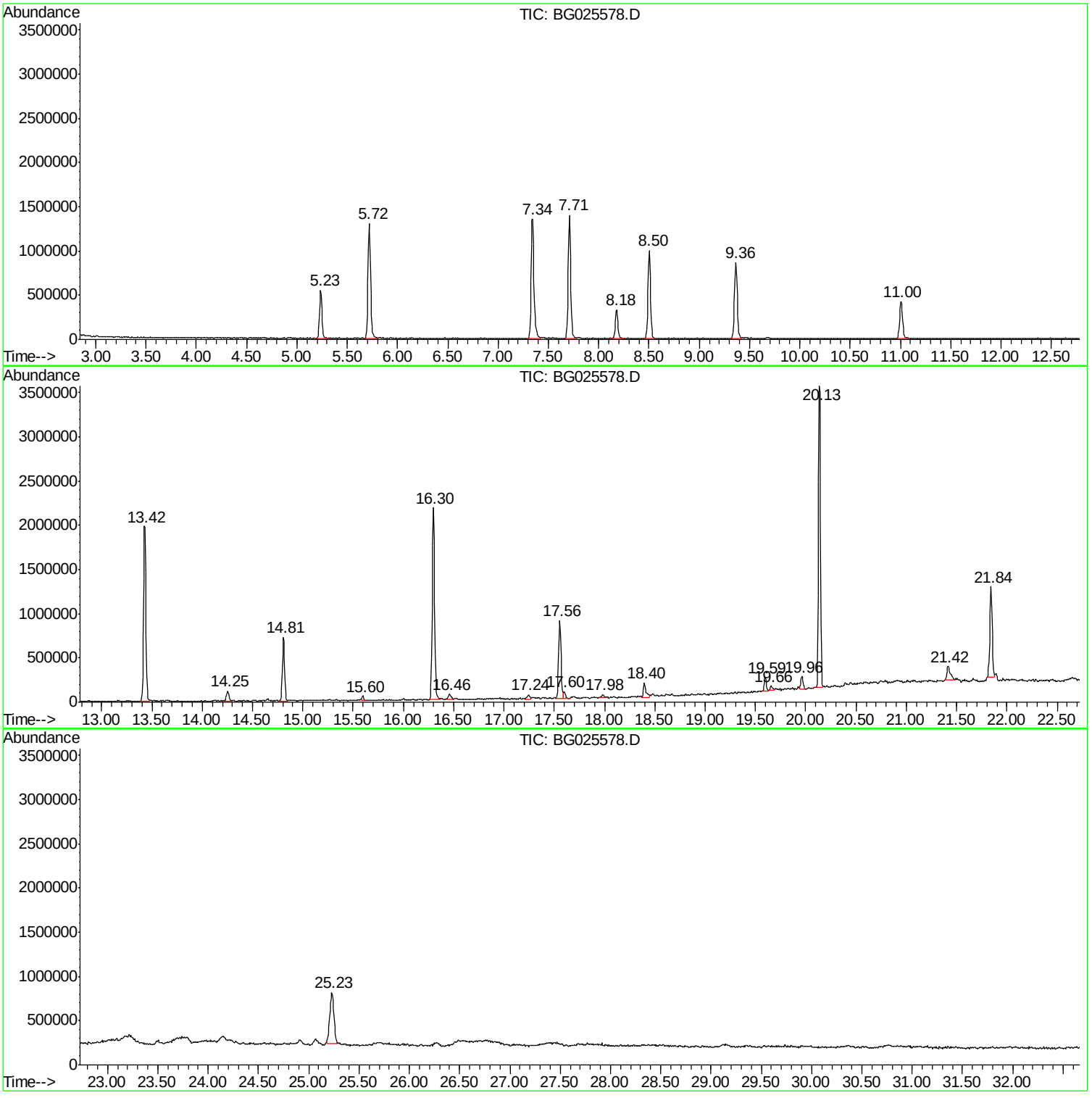
Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025578.D
Acq On : 21 Jan 2017 18:05
Operator : UM/SJ
Sample : I1329-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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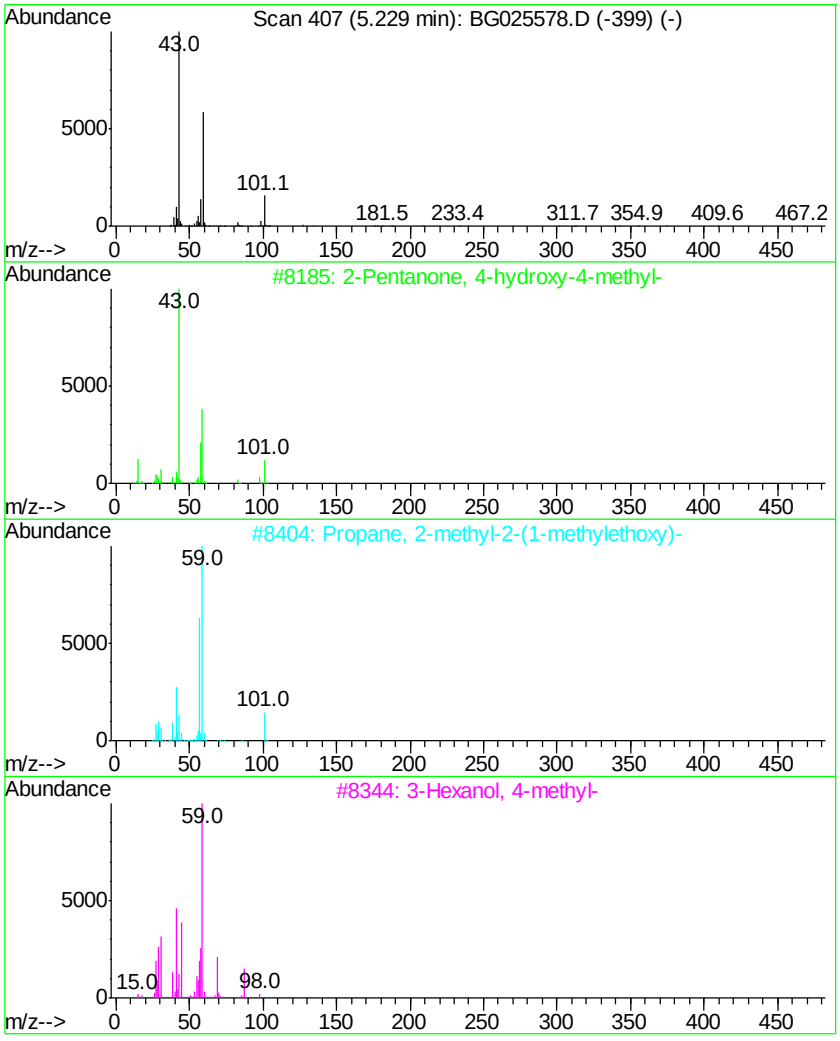
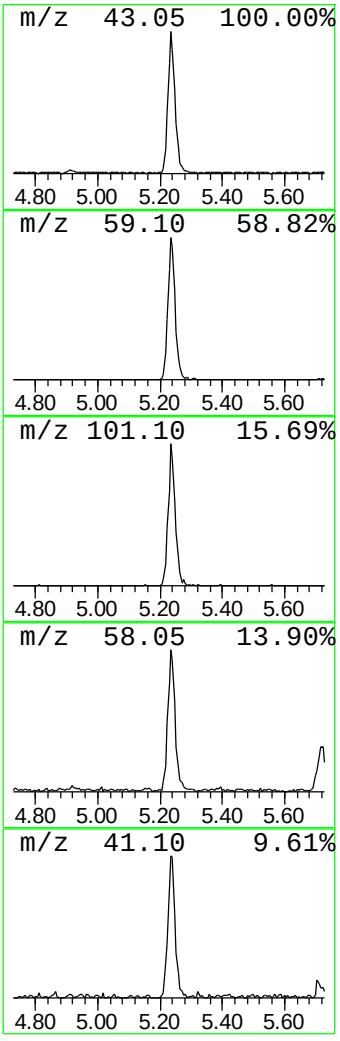
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	29.66 ng	903263	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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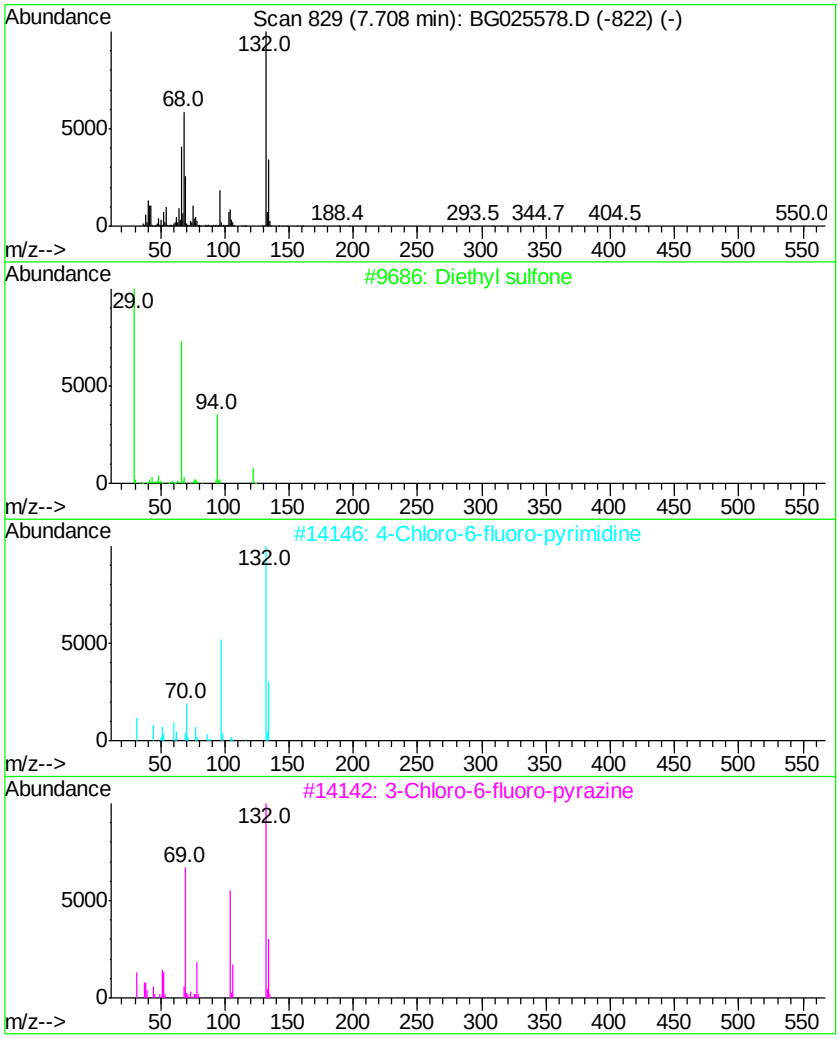
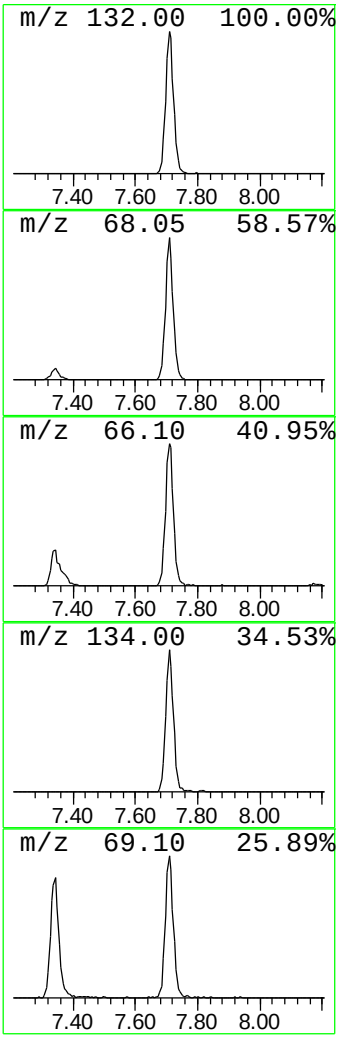
Peak Number 2 unknown7.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	82.45 ng	2510560	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfone	122	C4H10O2S	000597-35-3	23
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	9





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Operator : UM/SJ
Sample : I1329-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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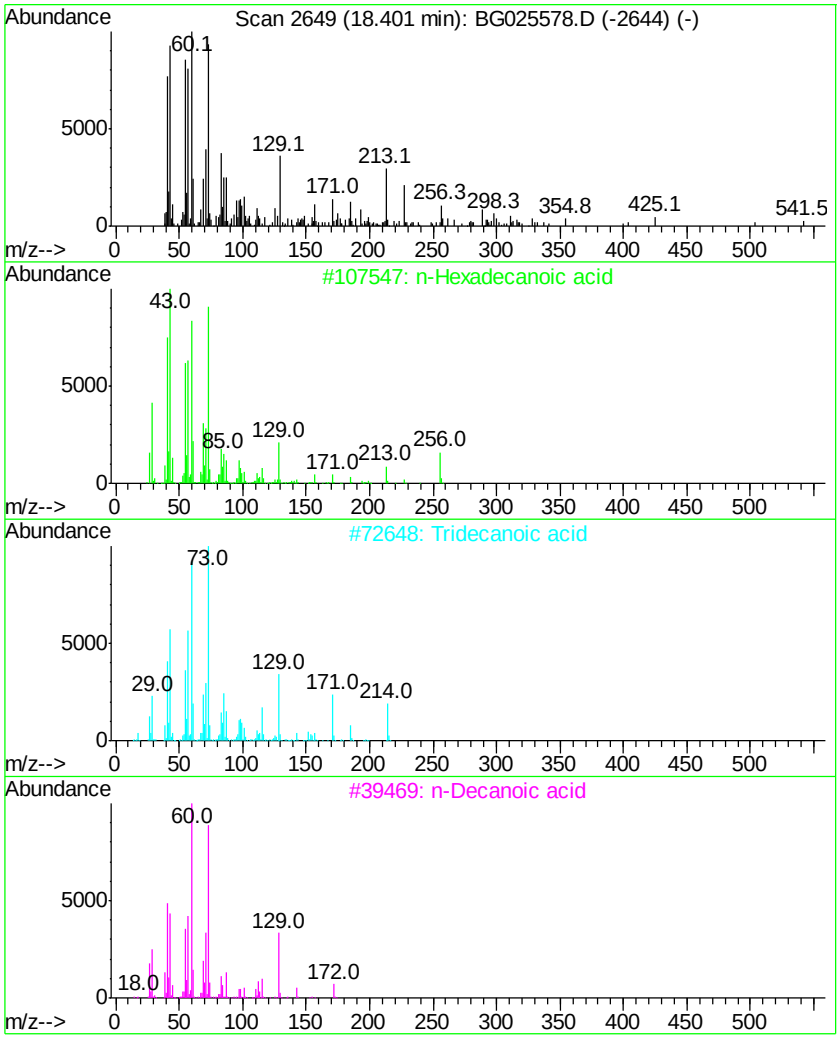
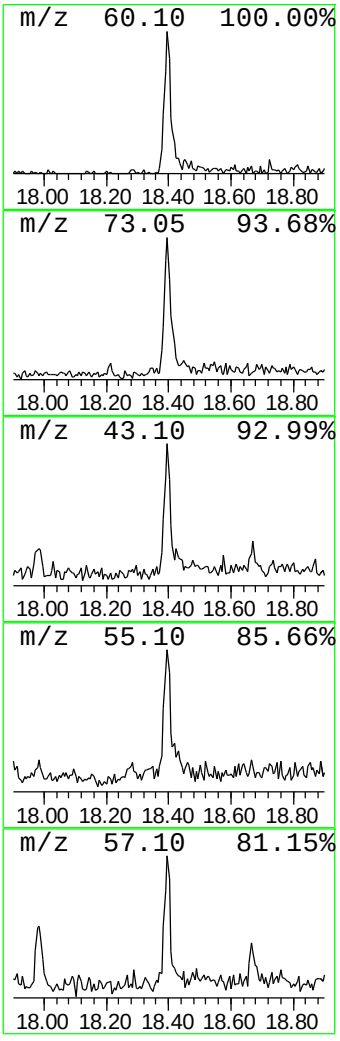
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.04 ng	292795	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	46
5	Acetamide, N-(4-hydroxycyclohexy...	157	C8H15NO2	027489-60-7	43





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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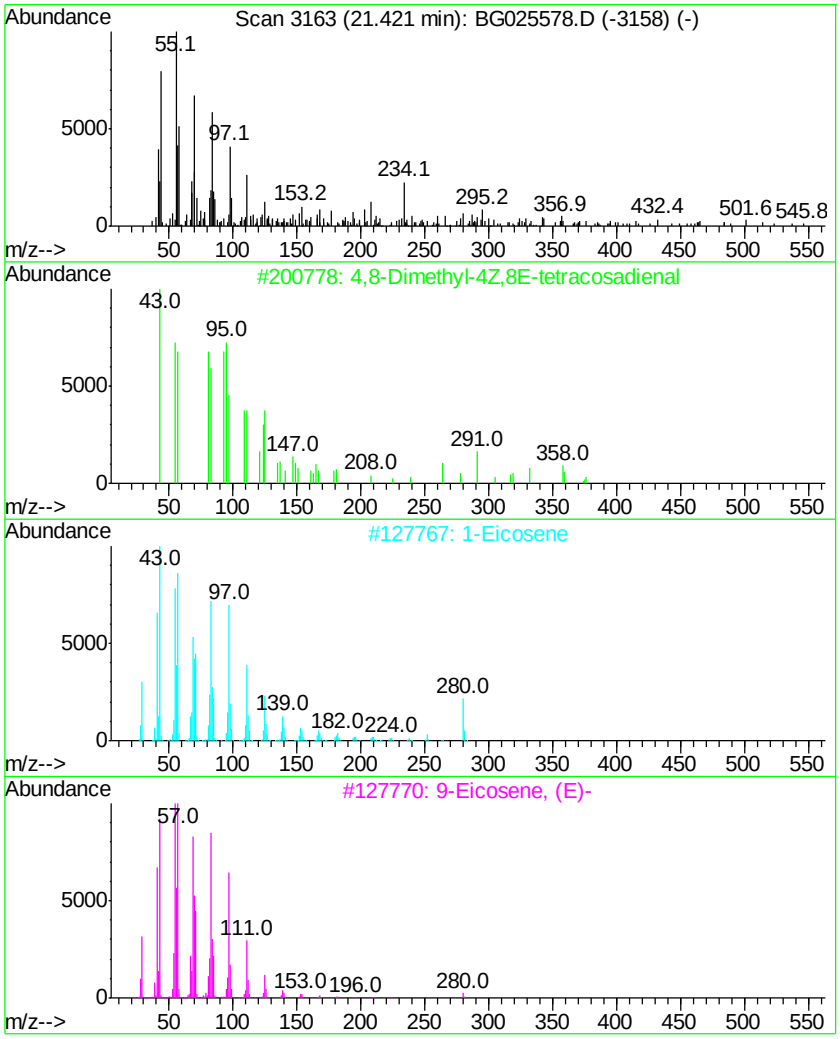
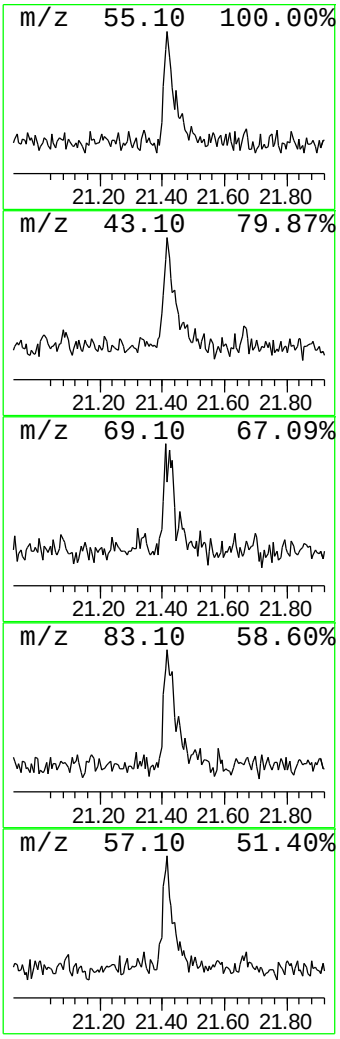
Peak Number 5 4,8-Dimethyl-4Z,8E-tetracos... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.85 ng	342690	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8-Dimethyl-4Z,8E-tetracosadienal	376	C26H48O	116206-69-0	86
2	1-Eicosene	280	C20H40	003452-07-1	62
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	62
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58
5	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.23	29.7	ng	903263	1	8.18	608985	20.0
unknown7.71	7.71	82.5	ng	2510560	1	8.18	608985	20.0
n-Hexadecanoic acid	18.40	4.0	ng	292795	4	17.56	1449040	20.0
4,8-Dimethyl-4Z,8...	21.42	3.9	ng	342690	5	21.84	1779840	20.0