LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037021.D
Acq On : 27 Sep 2018 19:14
Operator : JU/SJ
Sample : J5066-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP1-Q1-I2

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-BG092018.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	5.150	312	317	324	rBV	33519	55831	2.02%	0.345%
2	5.614	390	396	414	rBV	681616	1250295	45.15%	7.723%
3	7.200	659	666	687	rBV	678194	1411239	50.96%	8.717%
4	7.571	722	729	753	rBV	662649	1309269	47.28%	8.087%
5	8.041	803	809	827	rBV	142119	295066	10.66%	1.823%
6	8.364	855	864	882	rBV	483839	939186	33.92%	5.801%
7	9.204	999	1007	1026	rBV	399150	853631	30.83%	5.273%
8	10.843	1277	1286	1302	rBV	183287	381541	13.78%	2.357%
9	13.287	1695	1702	1717	rBV	1023515	1710977	61.79%	10.568%
10	14.110	1836	1842	1856	rBV	223402	371465	13.41%	2.294%
11	14.668	1930	1937	1954	rBV2	301579	523455	18.90%	3.233%
12	16.155	2183	2190	2205	rBV	887645	1513287	54.65%	9.347%
13	17.412	2396	2404	2420	rBV	406097	693482	25.04%	4.283%
14	18.293	2550	2554	2564	rBV3	30428	62756	2.27%	0.388%
15	20.015	2841	2847	2861	rBV	1922769	2769087	100.00%	17.104%
16	21.313	3062	3068	3081	rBV	92797	197142	7.12%	1.218%
17	21.678	3123	3130	3143	rBV	454355	804523	29.05%	4.969%
18	21.866	3158	3162	3171	rVB6	17192	27839	1.01%	0.172%
19	22.465	3259	3264	3269	rBV3	29335	50541	1.83%	0.312%
20	23.152	3374	3381	3393	rVB4	42663	111847	4.04%	0.691%
21	23.951	3512	3517	3523	rVB3	23606	51877	1.87%	0.320%
22	24.880	3664	3675	3687	rBV3	266000	805433	29.09%	4.975%

Sum of corrected areas: 16189769

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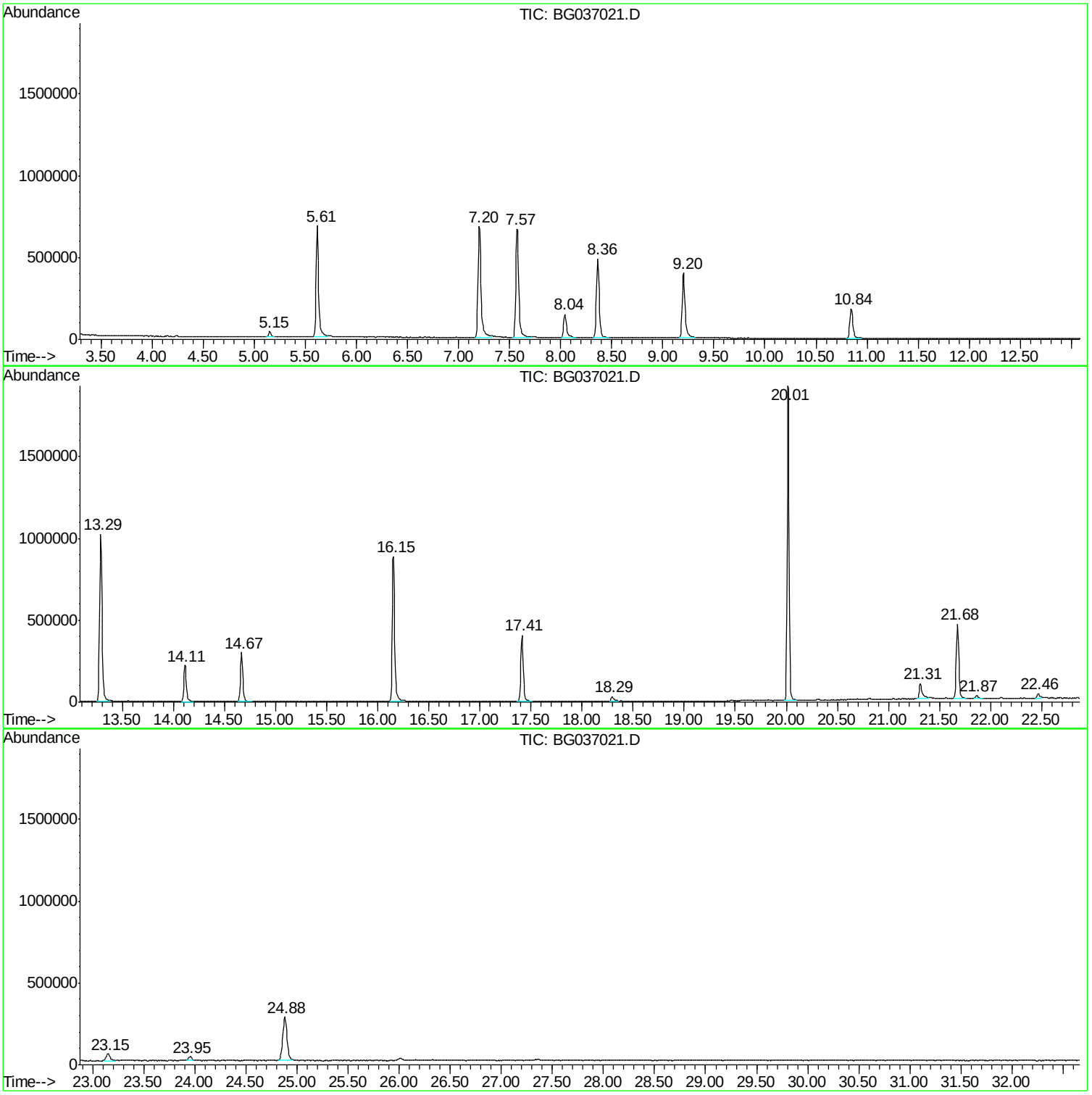
ClientSampleId :
EP1-Q1-I2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.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

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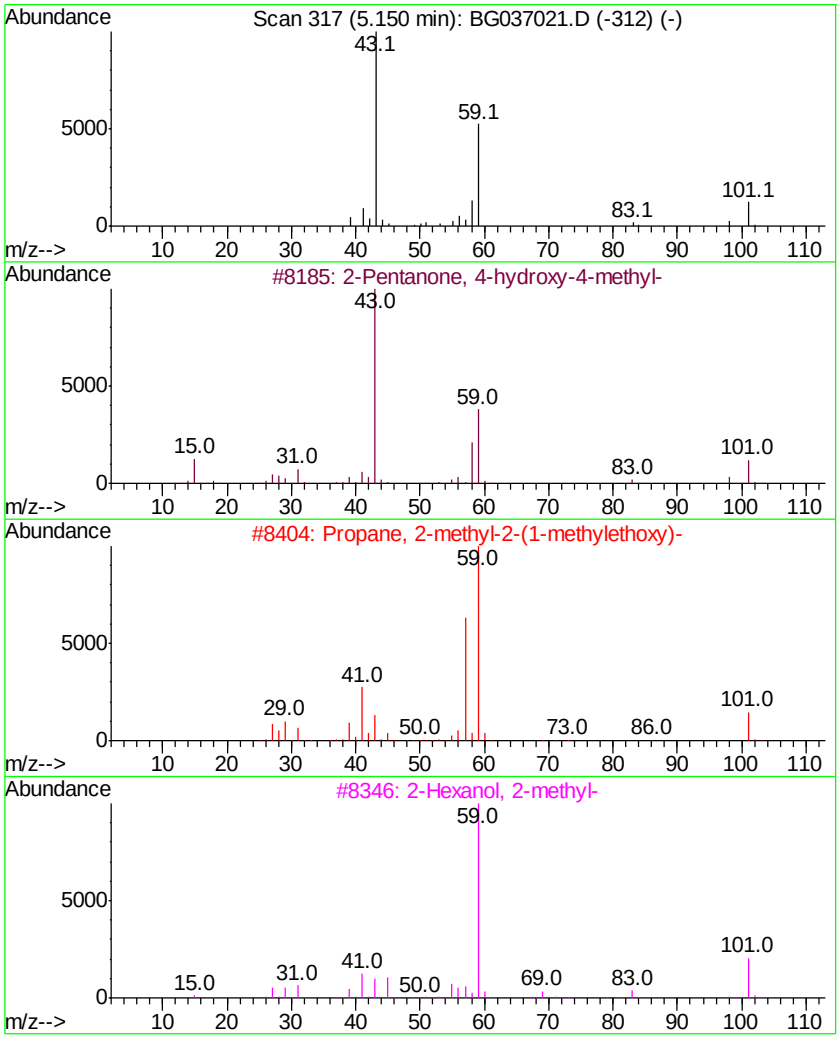
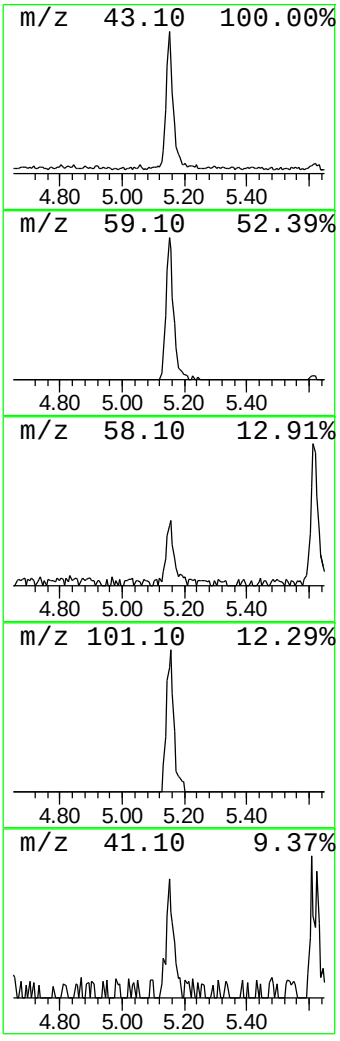
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.78 ng	55831	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





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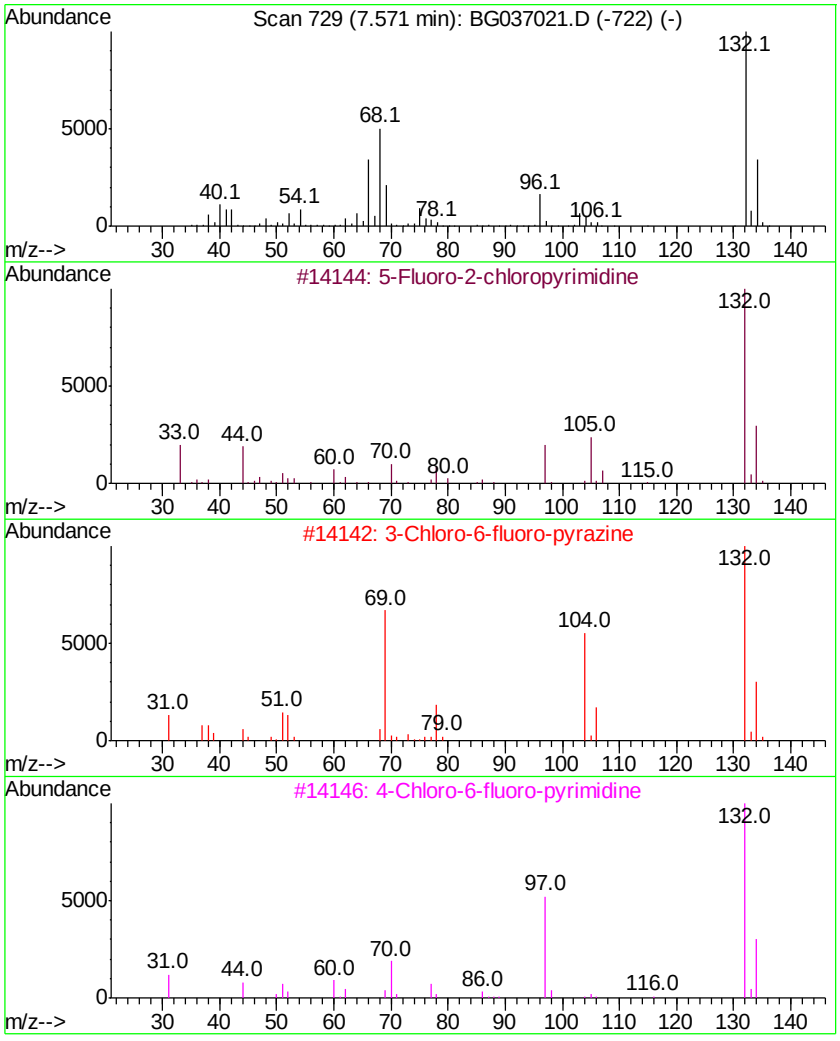
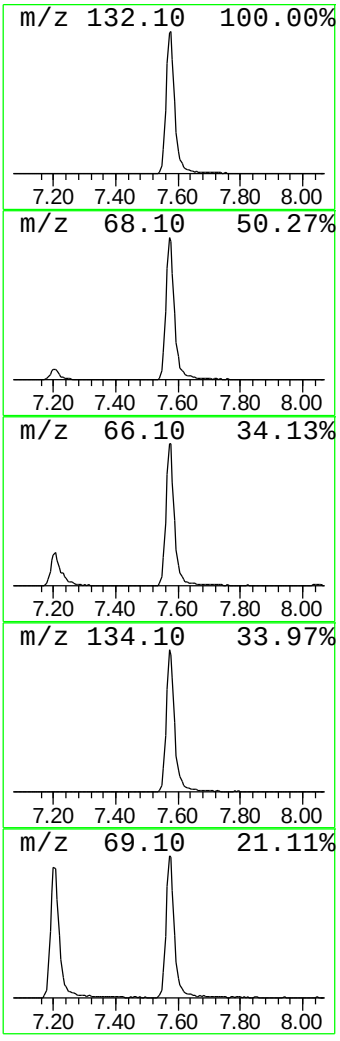
Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	88.74 ng	1309270	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP1-Q1-I2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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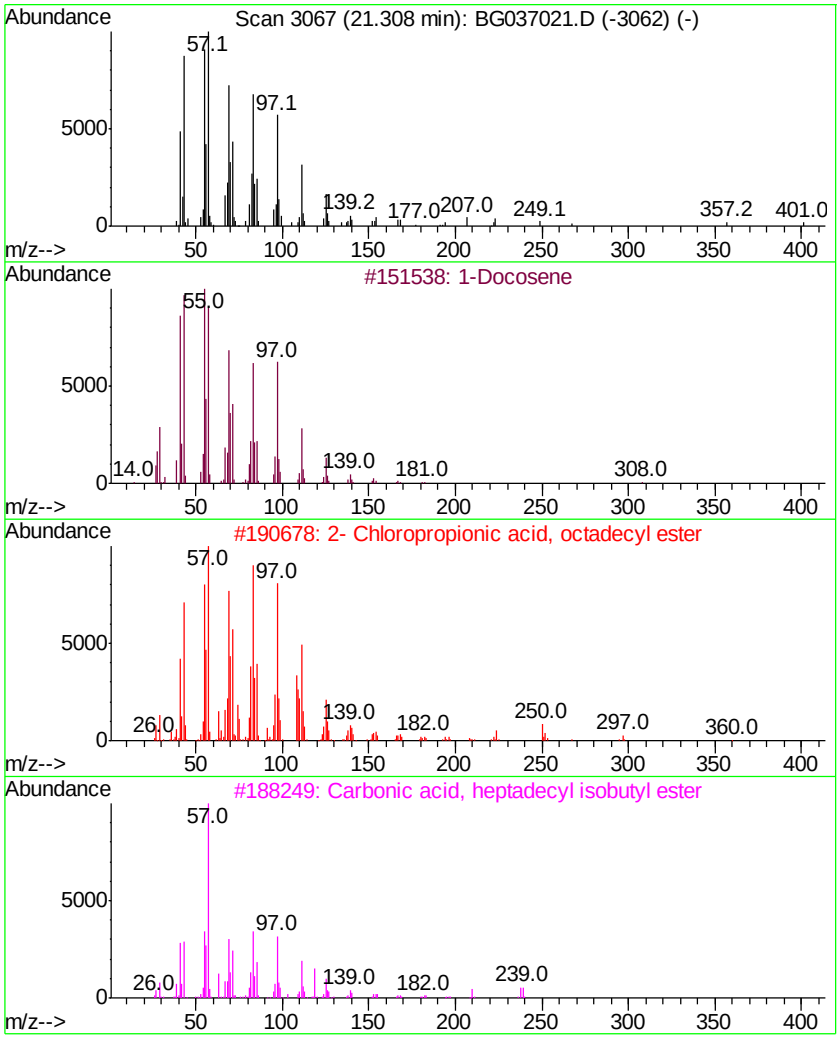
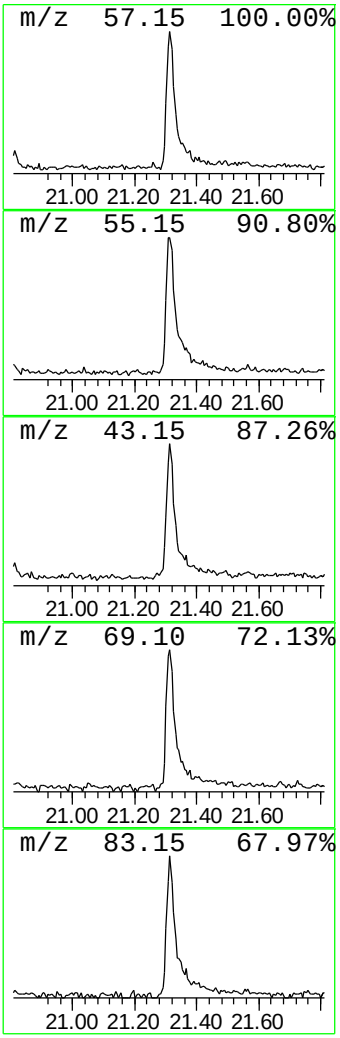
Peak Number 4 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	4.90 ng	197142	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : EP1-Q1-I2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
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TIC Library : C:\Database\NIST11.L
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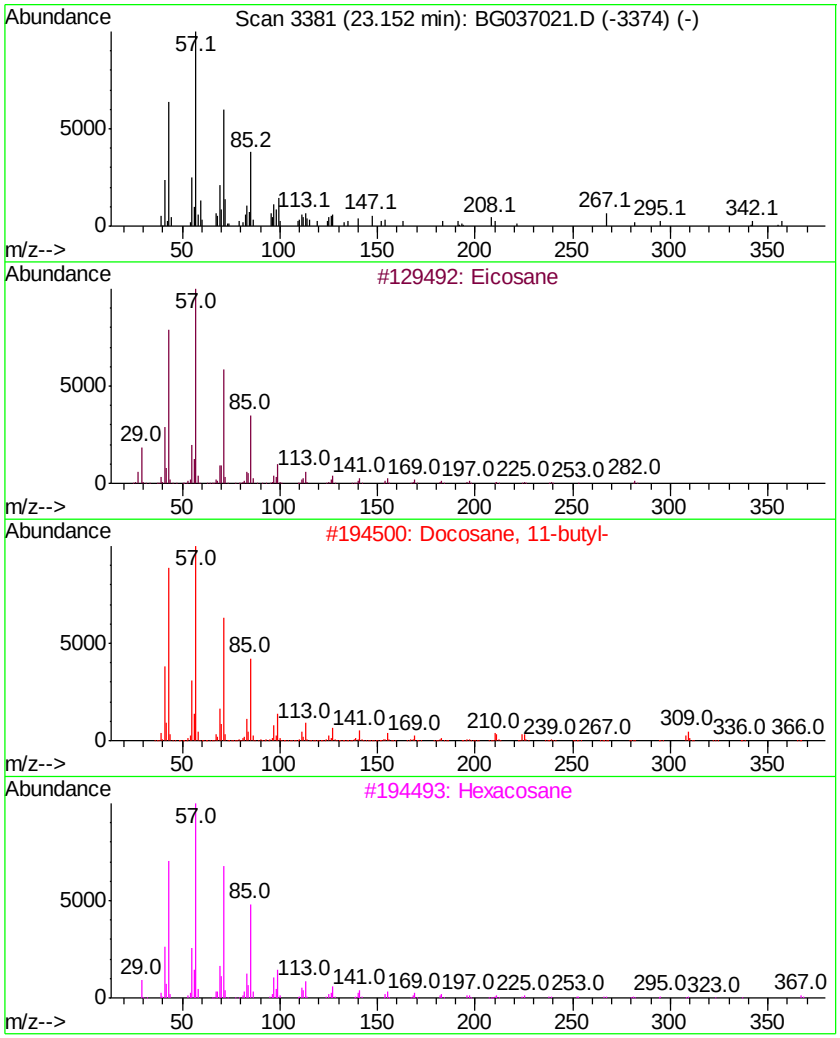
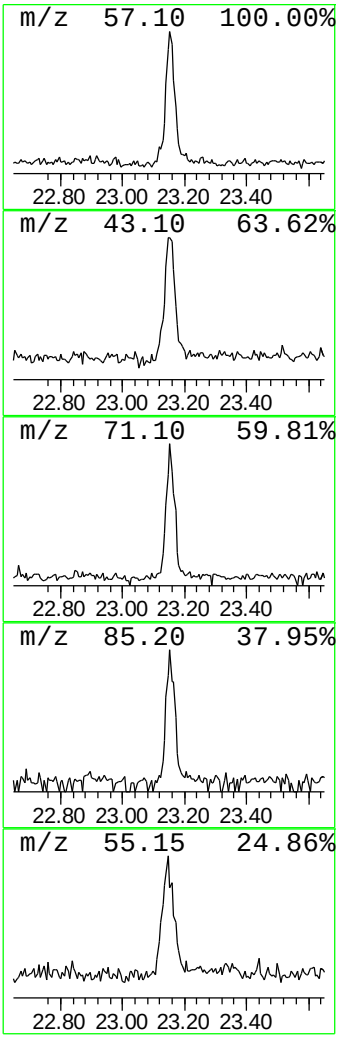
****

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.78 ng	111847	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Hexatriacontane	507	C36H74	000630-06-8	64
5	Heptacosane	380	C27H56	000593-49-7	64





Tentatively Identified Compound (LSC) summary

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ALS Vial : 7 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	3.8	ng	55831	1	8.04	295066	20.0
unknown7.57	7.57	88.7	ng	1309270	1	8.04	295066	20.0
1-Docosene	21.31	4.9	ng	197142	5	21.68	804523	20.0
Eicosane	23.15	2.8	ng	111847	5	21.68	804523	20.0