LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038938.D
Acq On : 4 Jan 2019 20:27
Operator : JU/SJ
Sample : K1042-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-1319-WS

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-BG121218.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	3.170	10	14	24	rVB	43673	66956	3.02%	0.711%
2	5.596	421	427	436	rBV	195777	339026	15.28%	3.599%
3	7.206	692	701	711	rBV	131905	252576	11.39%	2.681%
4	7.576	756	764	772	rBV	366833	653087	29.44%	6.933%
5	8.046	837	844	851	rBV	80278	142317	6.42%	1.511%
6	8.370	891	899	907	rBV	320634	578124	26.06%	6.137%
7	9.222	1036	1044	1058	rBV	269245	516488	23.28%	5.483%
8	10.861	1316	1323	1336	rBV	105684	202924	9.15%	2.154%
9	13.305	1731	1739	1751	rBV	812239	1331924	60.04%	14.138%
10	14.128	1873	1879	1887	rBV	23444	38572	1.74%	0.409%
11	14.686	1967	1974	1983	rBV2	195385	322147	14.52%	3.420%
12	16.178	2216	2228	2238	rBV3	655403	1087913	49.04%	11.548%
13	17.435	2435	2442	2452	rBV	256232	413100	18.62%	4.385%
14	18.287	2583	2587	2597	rBV4	10993	23070	1.04%	0.245%
15	20.038	2878	2885	2898	rBV	1631193	2218446	100.00%	23.549%
16	21.713	3163	3170	3179	rBV2	266557	460508	20.76%	4.888%
17	22.459	3292	3297	3304	rVB	26449	43389	1.96%	0.461%
18	23.158	3409	3416	3423	rVB	31496	62479	2.82%	0.663%
19	23.346	3443	3448	3457	rVB5	13509	30387	1.37%	0.323%
20	23.963	3545	3553	3561	rBV3	33023	75444	3.40%	0.801%
21	24.915	3708	3715	3721	rBV2	26374	67248	3.03%	0.714%
22	25.003	3721	3730	3744	rVB3	134185	409645	18.47%	4.348%
23	26.055	3901	3909	3919	rBV3	17918	53193	2.40%	0.565%
24	27.424	4133	4142	4149	rBV7	9675	31595	1.42%	0.335%

Sum of corrected areas: 9420558

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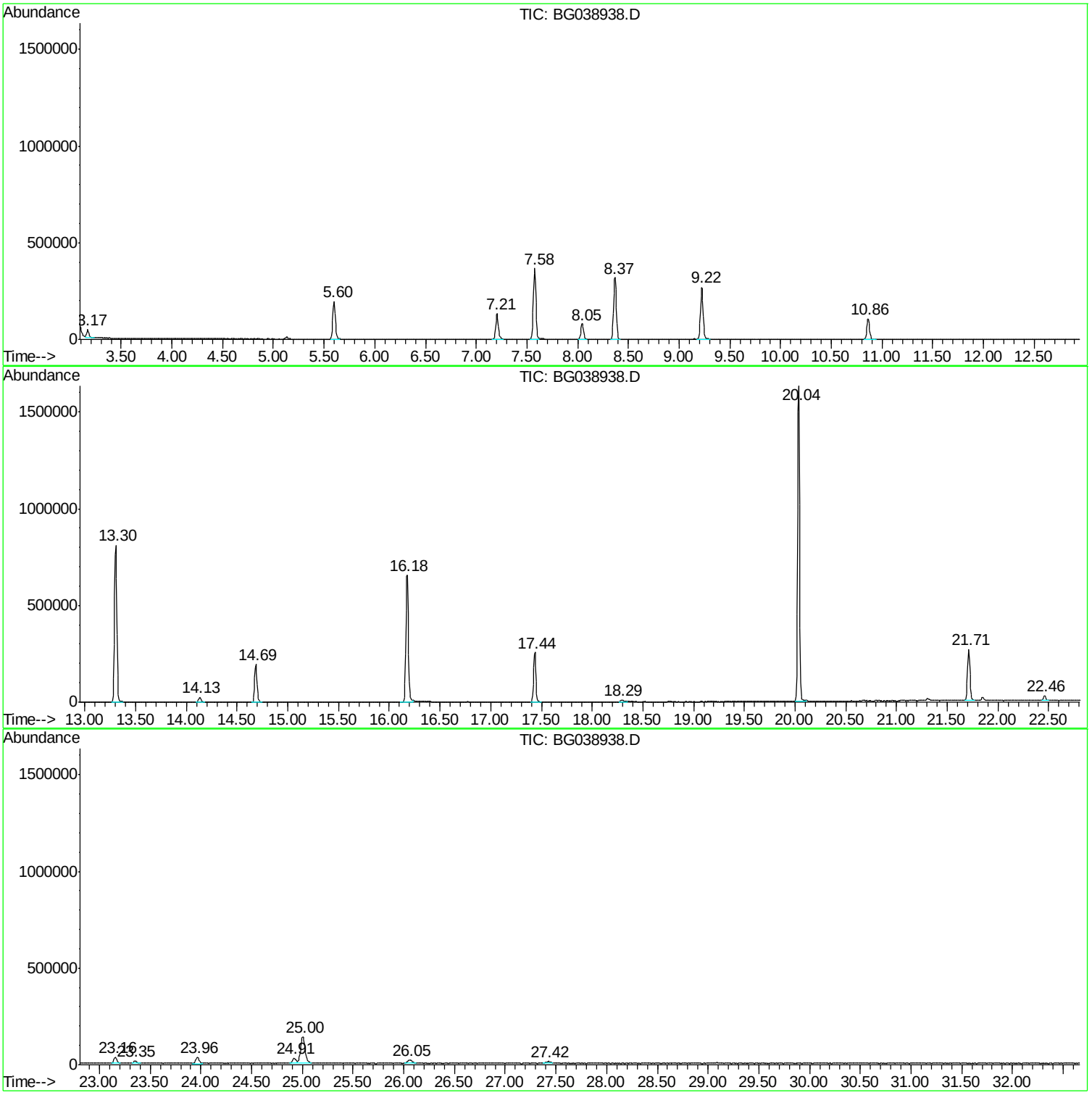
Instrument : BNA_G
ClientSampleId : JC-1319-WS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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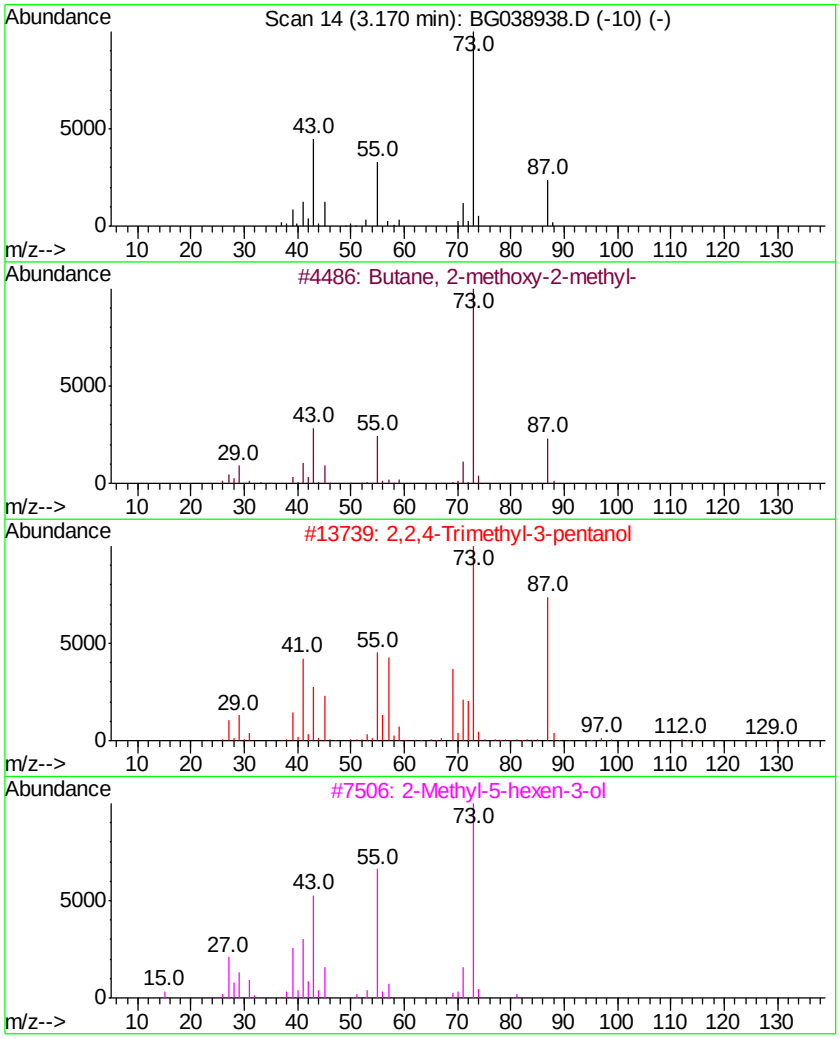
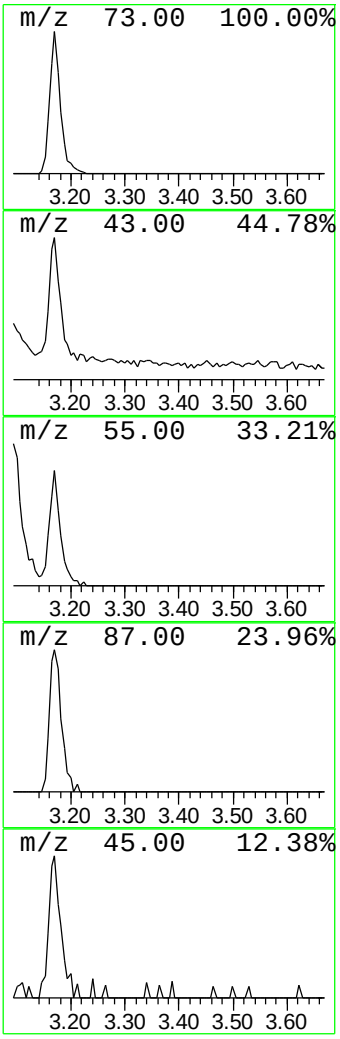
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	9.41 ng	66956	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





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ClientSampleId : JC-1319-WS

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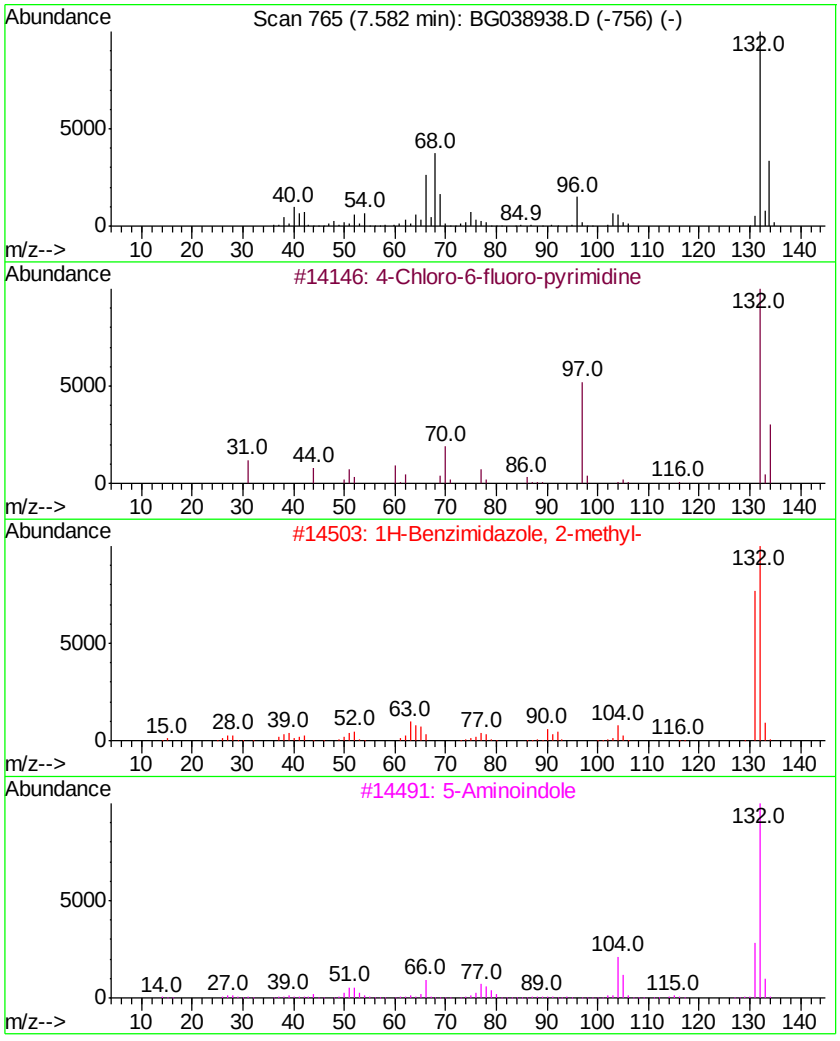
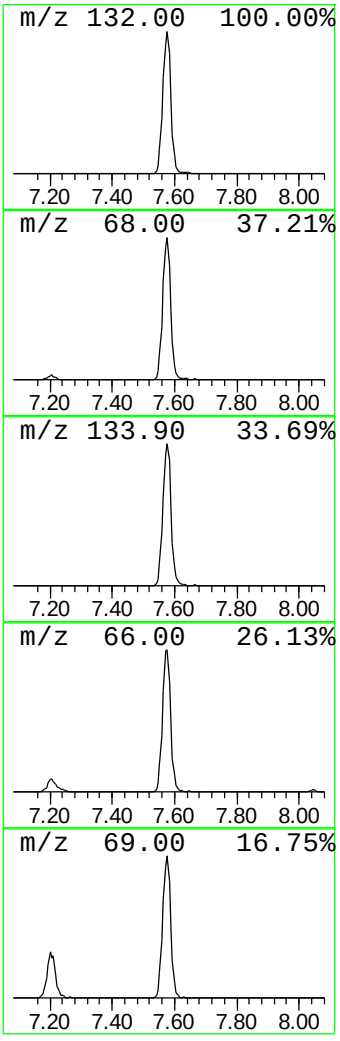
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	91.78 ng	653087	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : JC-1319-WS

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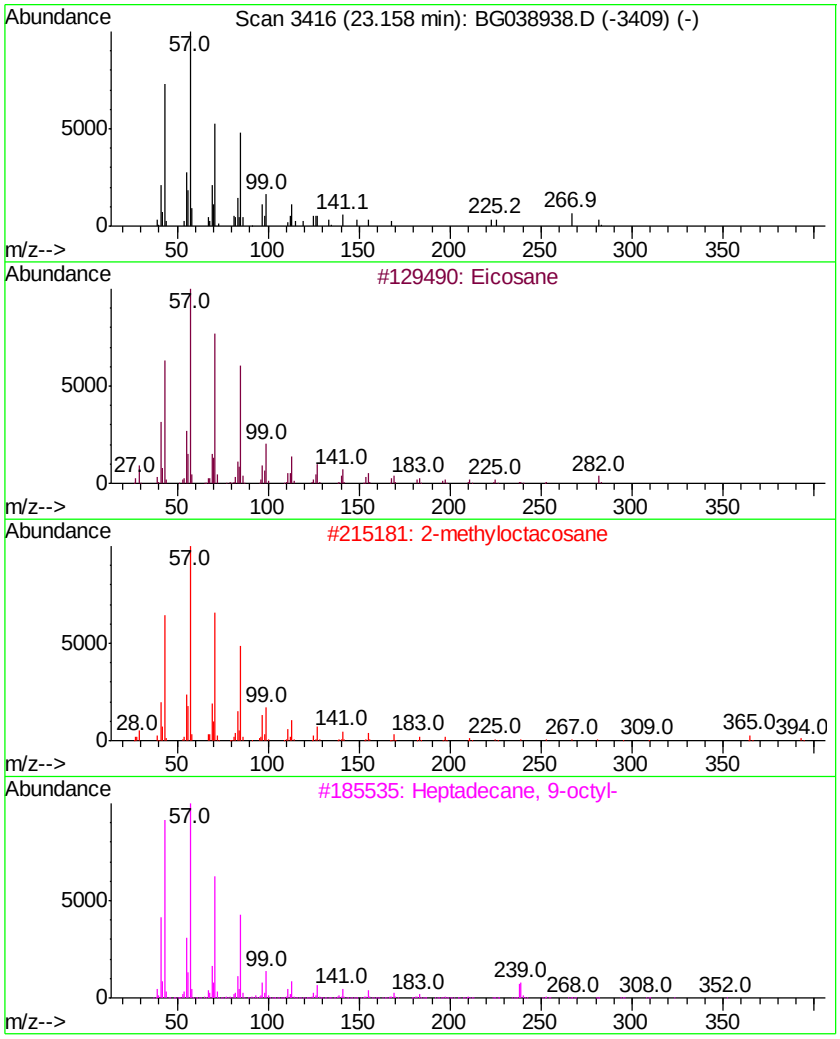
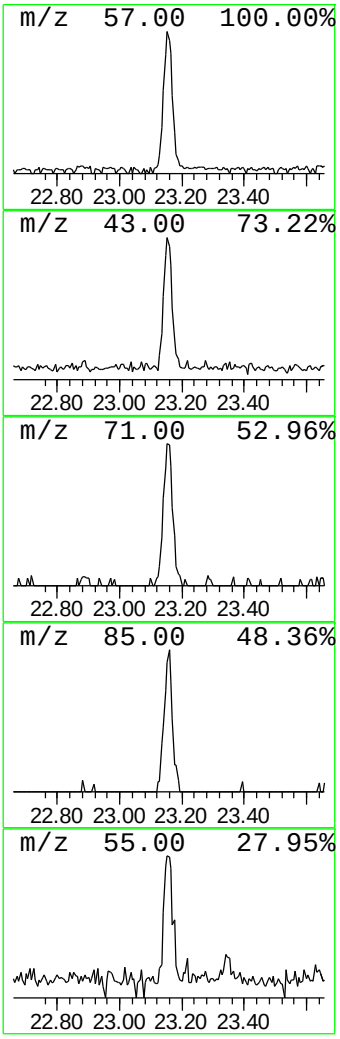
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.71 ng	62479	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Misc :
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Instrument : BNA_G
ClientSampleId : JC-1319-WS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
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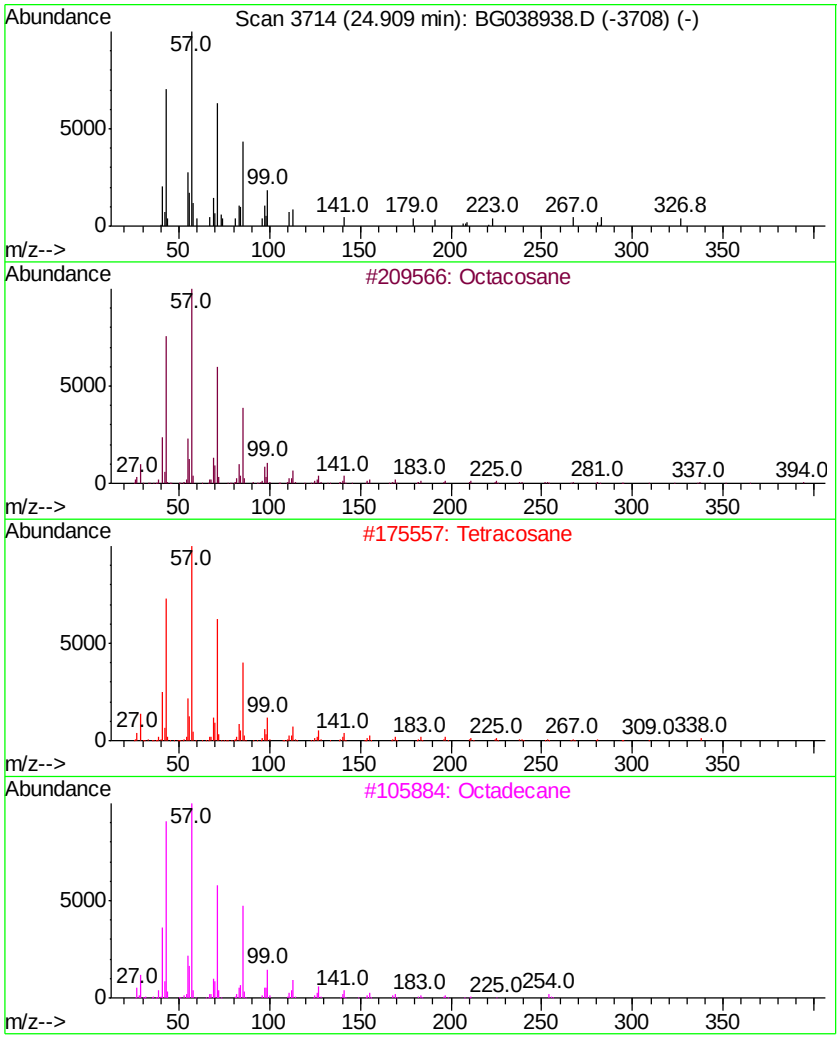
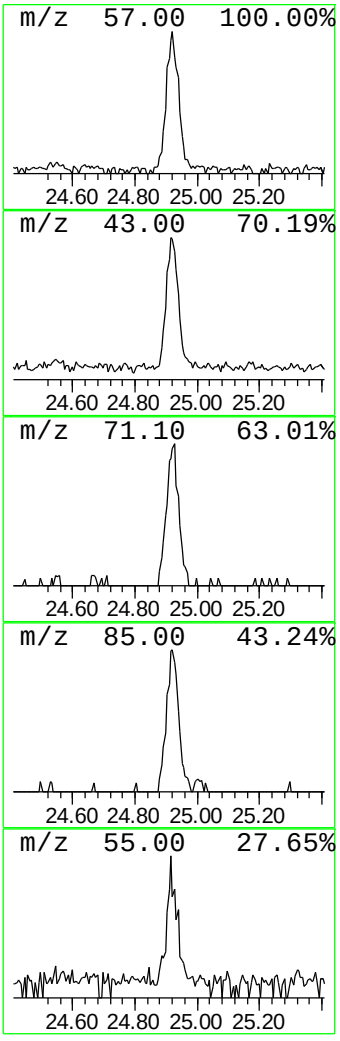
Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	3.28 ng	67248	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5	Docosane	310	C22H46	000629-97-0	80





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Sample : K1042-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-1319-WS

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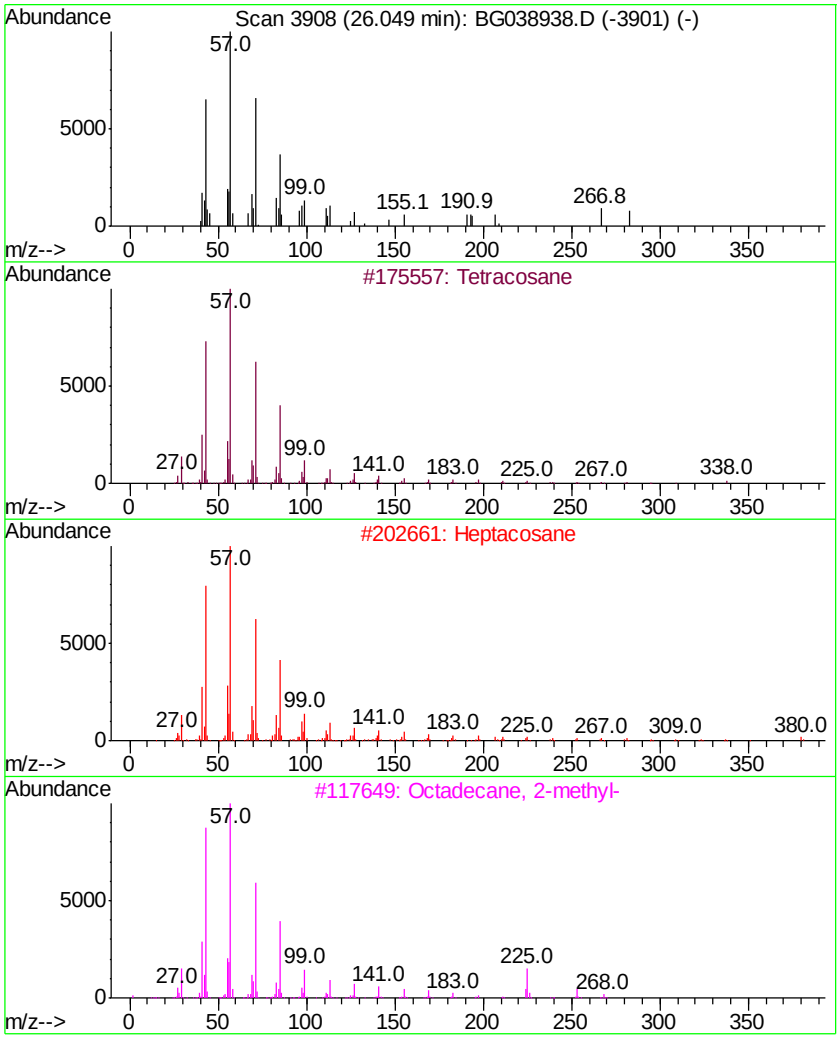
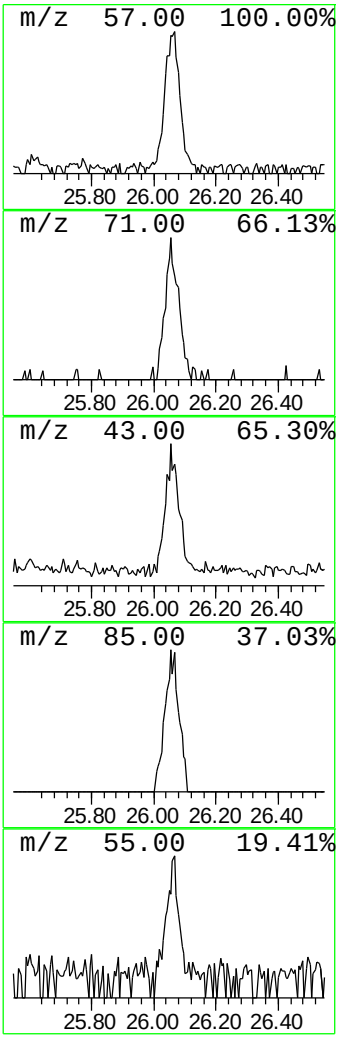
****

Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	2.60 ng	53193	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Heptacosane	380	C27H56	000593-49-7	83
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Tetratetracontane	619	C44H90	007098-22-8	80





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...	3.17	9.4	ng	66956	1	8.05	142317	20.0
unknown7.58	7.58	91.8	ng	653087	1	8.05	142317	20.0
Eicosane	23.16	2.7	ng	62479	5	21.71	460508	20.0
Octacosane	24.91	3.3	ng	67248	6	25.00	409645	20.0
Tetracosane	26.05	2.6	ng	53193	6	25.00	409645	20.0