LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044509.D
Acq On : 20 Feb 2020 3:56
Operator : CG/JU
Sample : L1547-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-03-A

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-BG013020.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	5.467	398	405	417	rBV	816894	1376431	45.02%	7.115%
2	7.065	669	677	694	rBV	824867	1479634	48.40%	7.648%
3	7.887	809	817	825	rBV	216090	373509	12.22%	1.931%
4	8.216	865	873	882	rBV	669905	1201154	39.29%	6.209%
5	9.045	1005	1014	1032	rBV	506466	942759	30.84%	4.873%
6	10.690	1284	1294	1309	rBV	288786	544393	17.81%	2.814%
7	13.152	1705	1713	1731	rBV	1385791	2186738	71.52%	11.303%
8	13.986	1847	1855	1867	rVB	37508	61349	2.01%	0.317%
9	14.533	1940	1948	1956	rBV	498727	799778	26.16%	4.134%
10	16.019	2194	2201	2220	rBV	1042868	1714539	56.08%	8.863%
11	17.276	2408	2415	2420	rBV	609001	955046	31.24%	4.937%
12	17.317	2420	2422	2428	rVB	44992	55180	1.80%	0.285%
13	19.327	2759	2764	2770	rBV	103397	150923	4.94%	0.780%
14	19.685	2820	2825	2834	rVB	92739	157283	5.14%	0.813%
15	19.803	2841	2845	2850	rVB2	41376	51715	1.69%	0.267%
16	19.891	2854	2860	2868	rVV	2390524	3057403	100.00%	15.804%
17	20.185	2906	2910	2912	rBV5	25725	36396	1.19%	0.188%
18	20.578	2975	2977	2982	rVB	35536	40199	1.31%	0.208%
19	21.189	3076	3081	3089	rBV	286573	497997	16.29%	2.574%
20	21.419	3117	3120	3127	rVB	166957	221175	7.23%	1.143%
21	21.518	3131	3137	3142	rBV	661513	1047619	34.26%	5.415%
22	21.724	3169	3172	3179	rVB2	65241	93855	3.07%	0.485%
23	22.312	3267	3272	3281	rBV3	107553	295765	9.67%	1.529%
24	22.970	3380	3384	3392	rVB	97191	163062	5.33%	0.843%
25	23.299	3436	3440	3447	rVB2	79494	145451	4.76%	0.752%
26	23.739	3510	3515	3520	rVB2	117831	209080	6.84%	1.081%
27	24.603	3653	3662	3677	rVB2	387782	1235170	40.40%	6.385%
28	25.714	3846	3851	3861	rVB3	94052	252187	8.25%	1.304%

Sum of corrected areas: 19345790

LSC Report - Integrated Chromatogram

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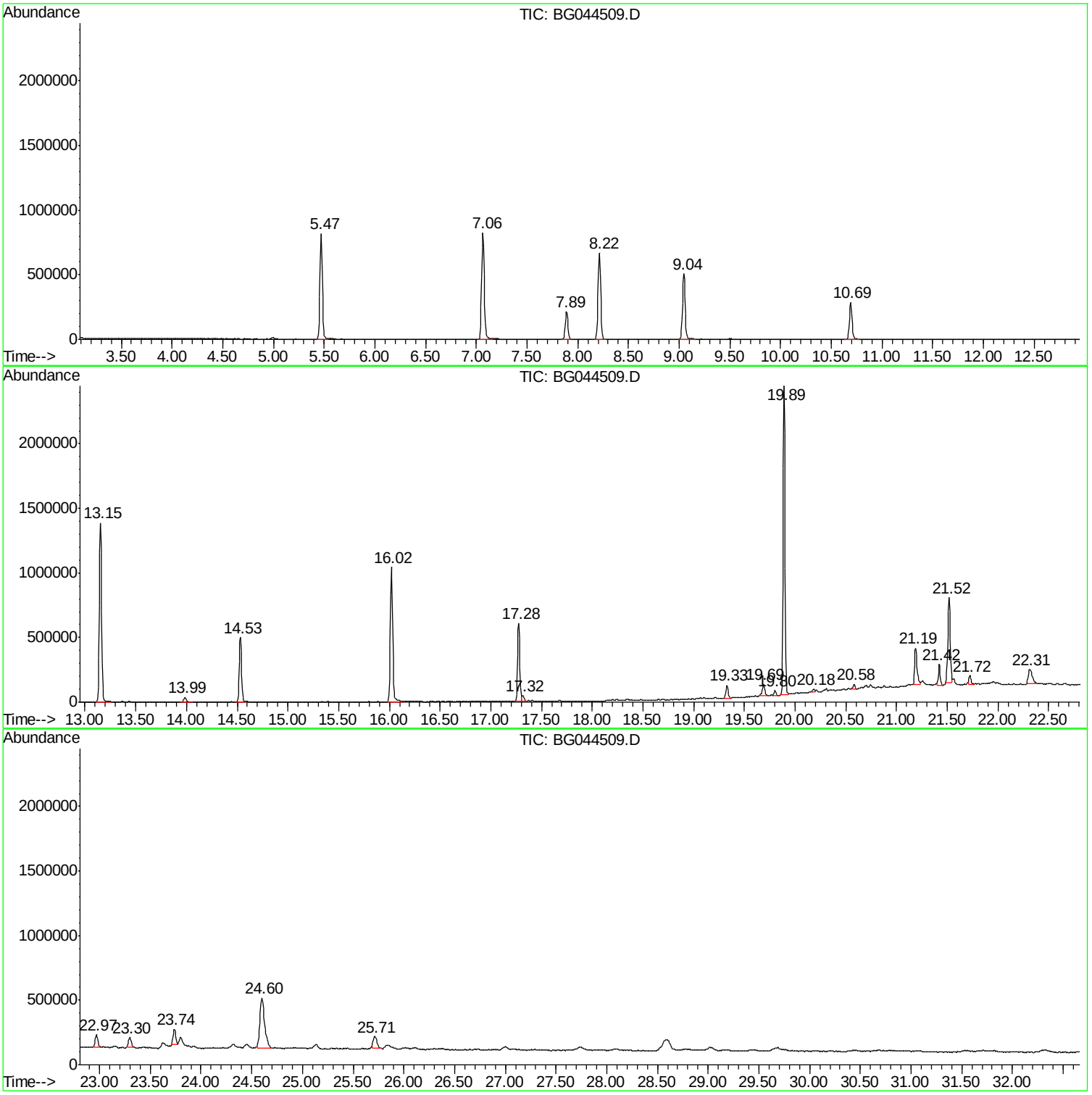
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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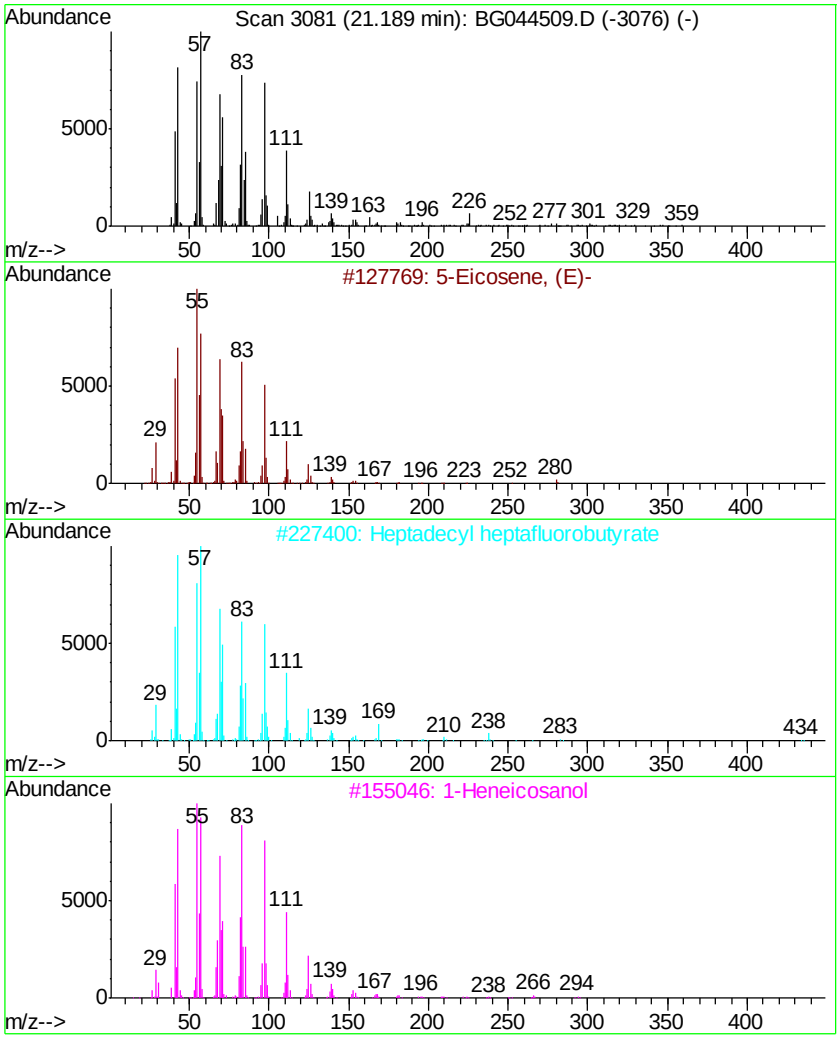
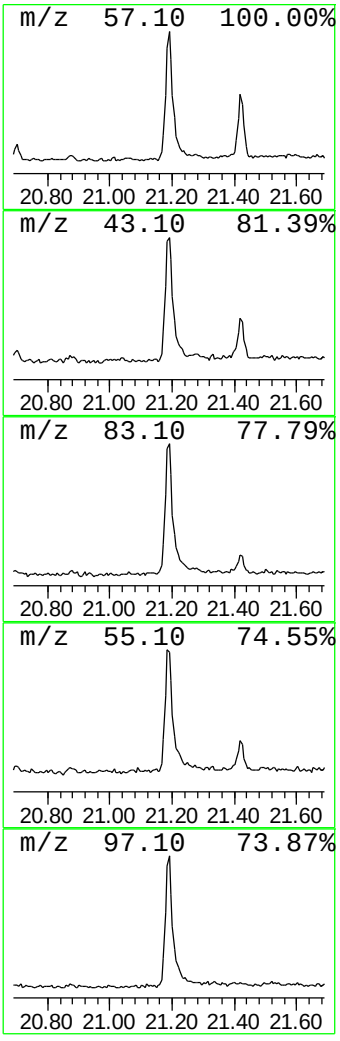
Peak Number 2 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	9.51 ng	497997	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





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Data File : BG044509.D
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Operator : CG/JU
Sample : L1547-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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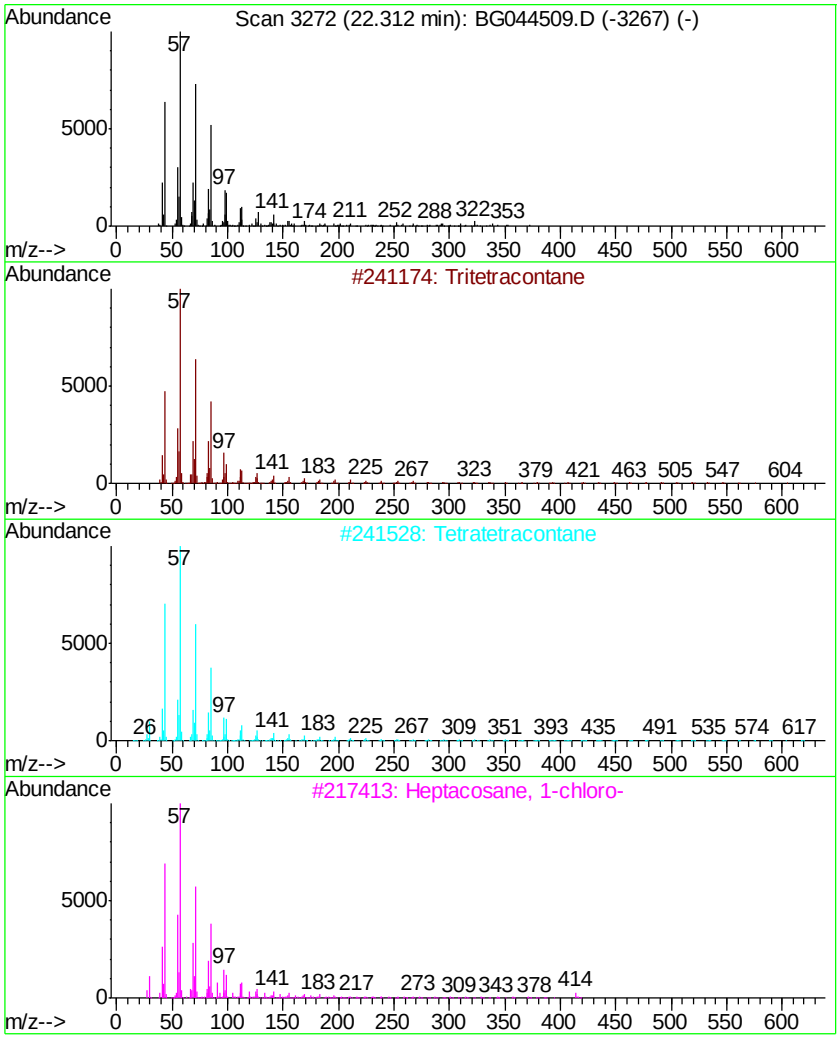
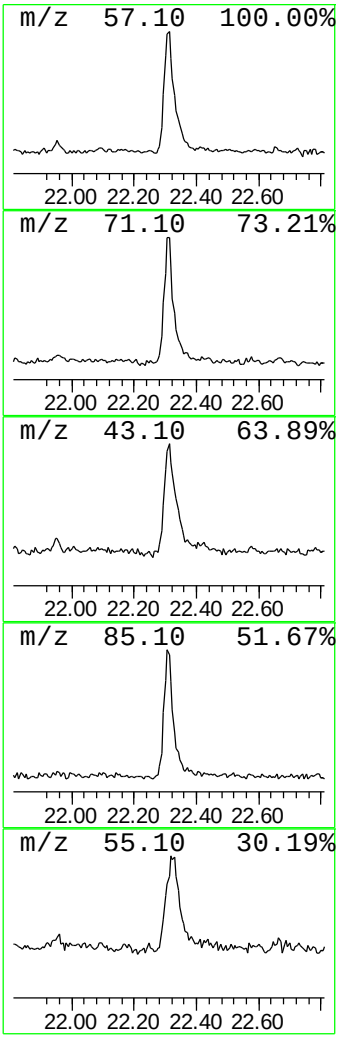
Peak Number 3 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	5.65 ng	295765	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

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Operator : CG/JU
Sample : L1547-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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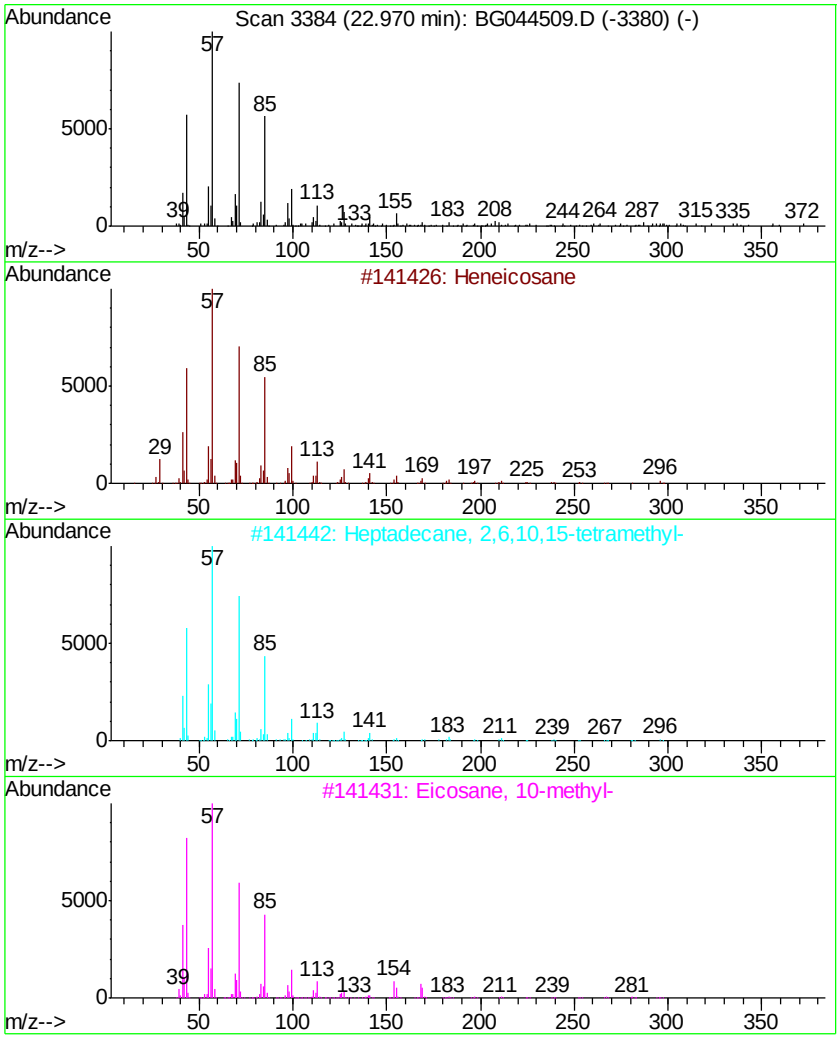
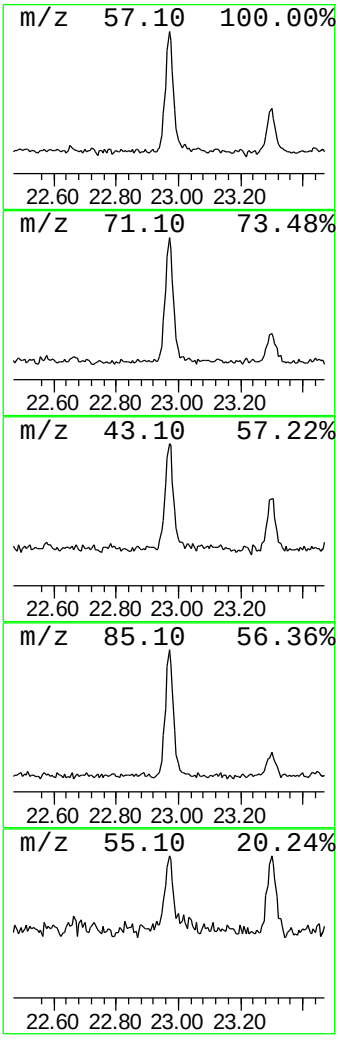
Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	3.11 ng	163062	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80





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Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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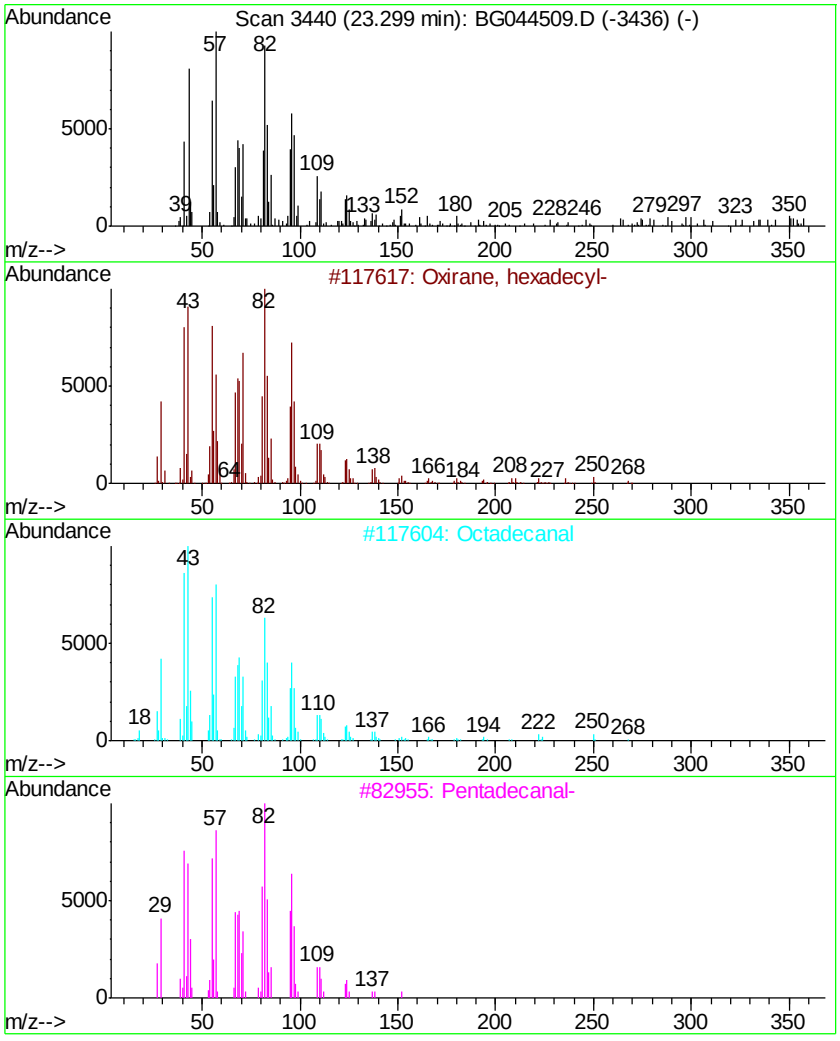
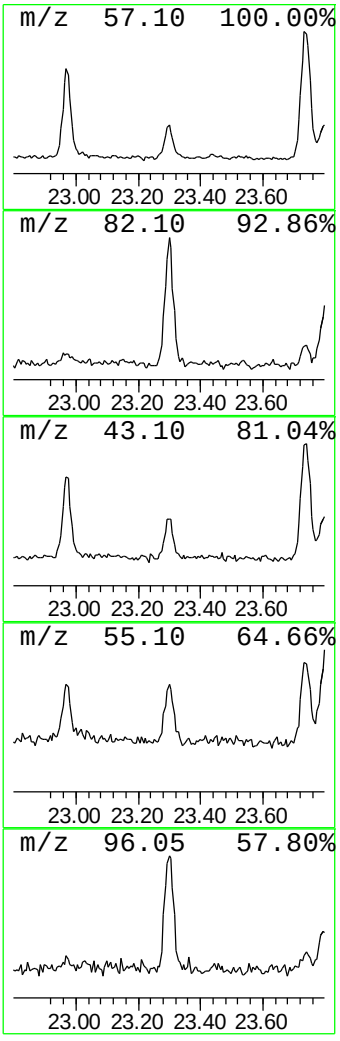
Peak Number 5 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.36 ng	145451	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Pentadecanal-	226	C15H30O	002765-11-9	86
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
5	17-Octadecenal	266	C18H34O	056554-86-0	80





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Sample : L1547-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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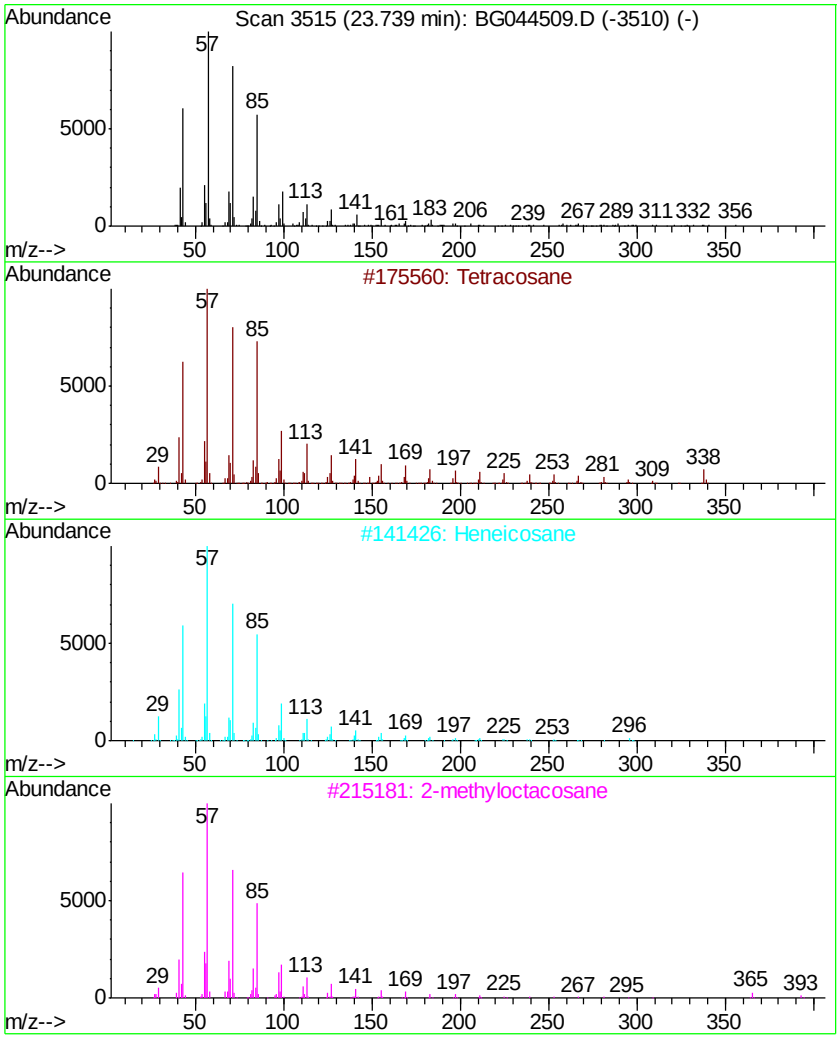
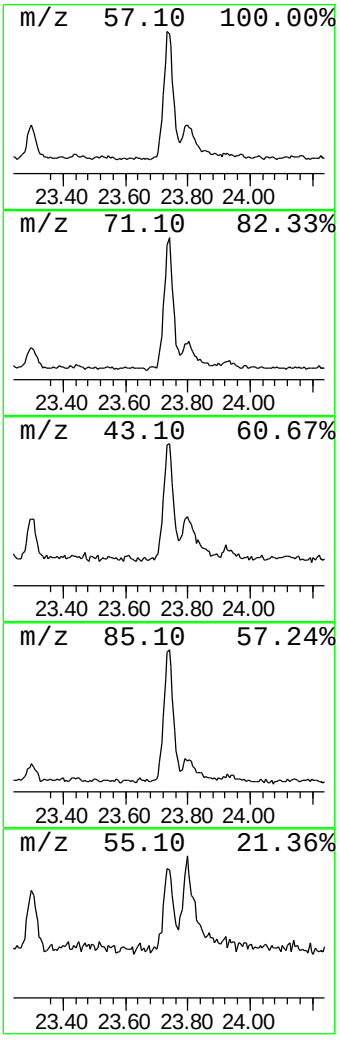
Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.39 ng	209080	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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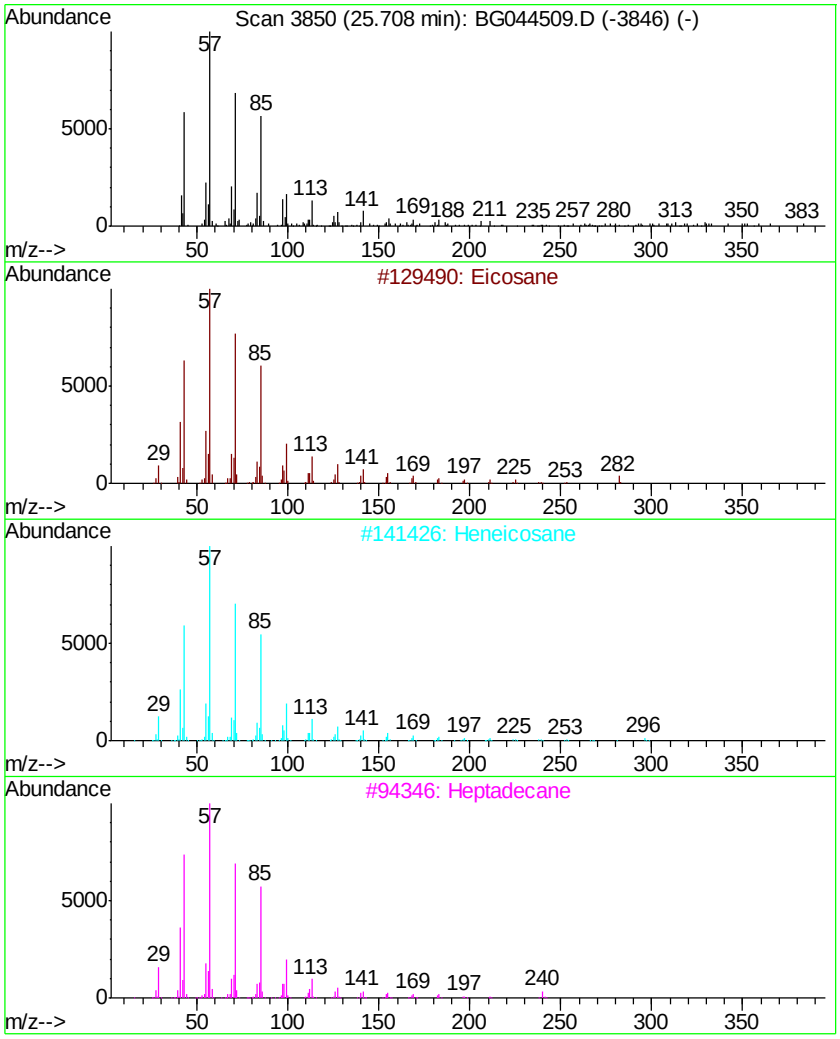
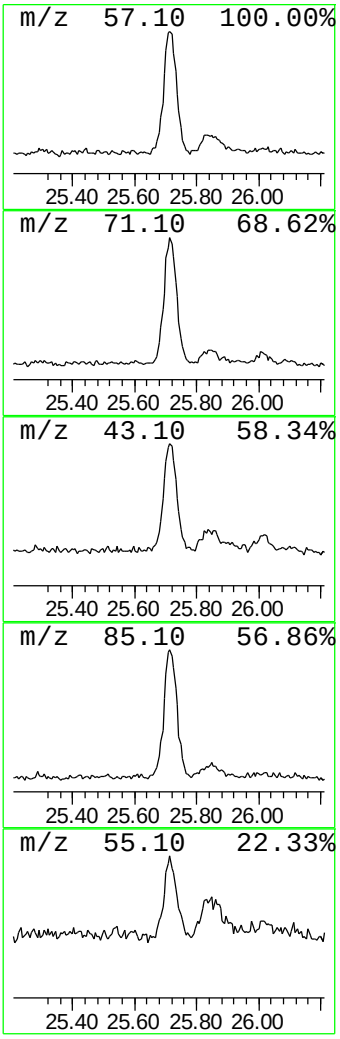
Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	4.08 ng	252187	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
5-Eicosene, (E)-	21.19	9.5	ng	497997	5	21.52	1047620	20.0
Tritetracontane	22.31	5.7	ng	295765	5	21.52	1047620	20.0
Heneicosane	22.97	3.1	ng	163062	5	21.52	1047620	20.0
Oxirane, hexadecyl-	23.30	2.4	ng	145451	6	24.60	1235170	20.0
Tetracosane	23.74	3.4	ng	209080	6	24.60	1235170	20.0
Eicosane	25.71	4.1	ng	252187	6	24.60	1235170	20.0