LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044275.D
Acq On : 3 Feb 2020 16:43
Operator : CG/JU
Sample : L1345-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-C

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	5.491	402	409	423	rBV	1397622	2262637	35.93%	7.607%
2	7.089	672	681	699	rBV	1452709	2625596	41.69%	8.828%
3	7.917	814	822	830	rBV	247373	423045	6.72%	1.422%
4	8.241	867	877	891	rBV	1102601	1946709	30.91%	6.545%
5	9.069	1010	1018	1028	rBV	894200	1650646	26.21%	5.550%
6	10.720	1291	1299	1318	rBV	337685	655933	10.42%	2.205%
7	13.176	1710	1717	1730	rBV	2591119	4159094	66.04%	13.984%
8	14.004	1853	1858	1865	rBV	73022	127438	2.02%	0.428%
9	14.557	1944	1952	1963	rBV	666900	1067396	16.95%	3.589%
10	16.043	2198	2205	2225	rBV	2109300	3395634	53.92%	11.417%
11	17.300	2412	2419	2431	rBV	846597	1304791	20.72%	4.387%
12	19.915	2858	2864	2881	rBV	4595411	6297373	100.00%	21.173%
13	21.219	3080	3086	3097	rBV	147451	295188	4.69%	0.992%
14	21.543	3134	3141	3153	rBV2	818852	1391044	22.09%	4.677%
15	21.754	3172	3177	3183	rBV	61766	86884	1.38%	0.292%
16	22.342	3272	3277	3284	rBV	86639	152520	2.42%	0.513%
17	23.011	3385	3391	3401	rBV	102733	189502	3.01%	0.637%
18	23.793	3516	3524	3534	rBV2	101002	218237	3.47%	0.734%
19	24.645	3656	3669	3677	rBV	400522	1310335	20.81%	4.406%
20	25.791	3852	3864	3874	rBV2	57788	182794	2.90%	0.615%

Sum of corrected areas: 29742796

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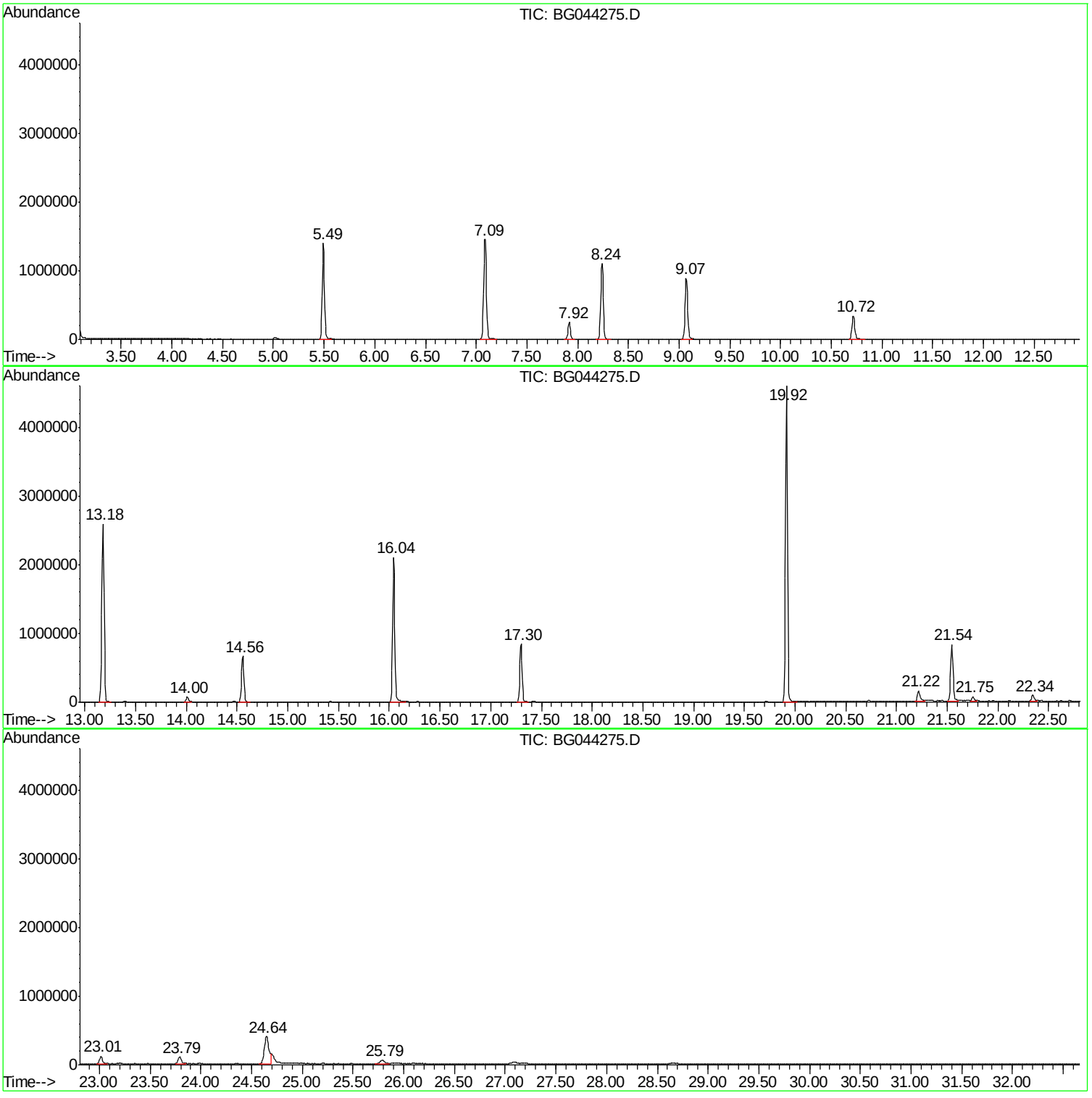
Instrument :
BNA_G
ClientSampleId :
01-31-C

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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Data File : BG044275.D
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Operator : CG/JU
Sample : L1345-03
Misc :
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Instrument : BNA_G
ClientSampleId : 01-31-C

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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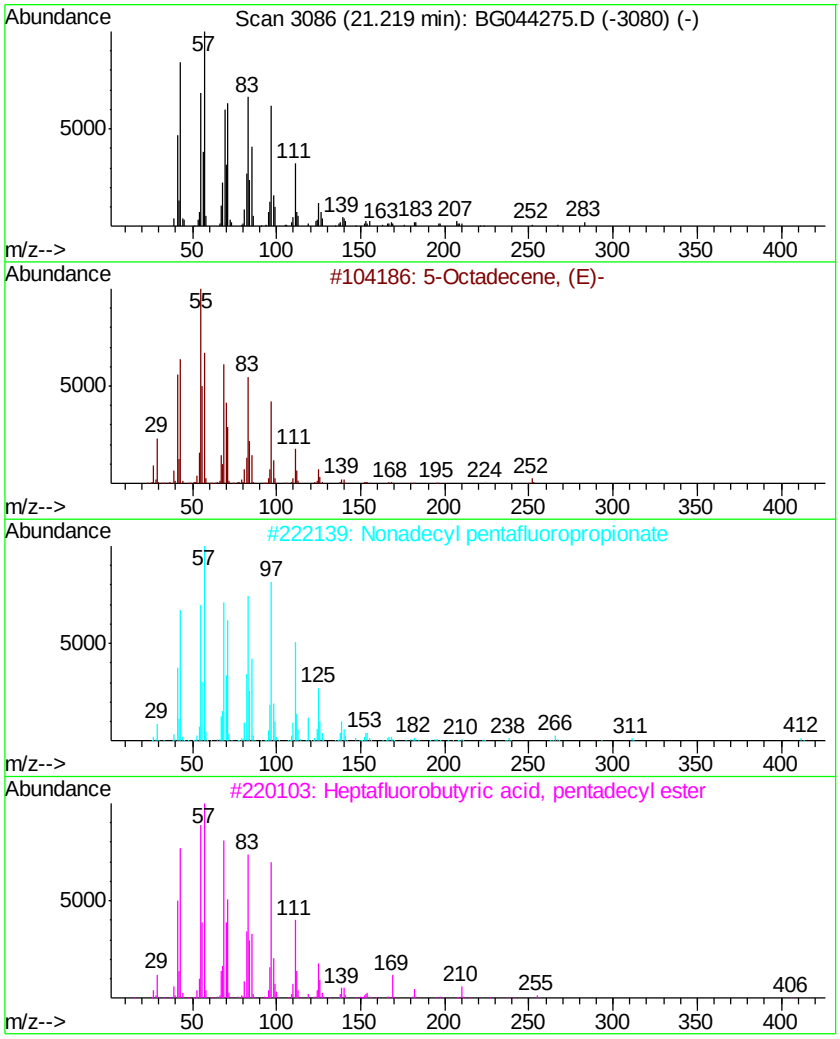
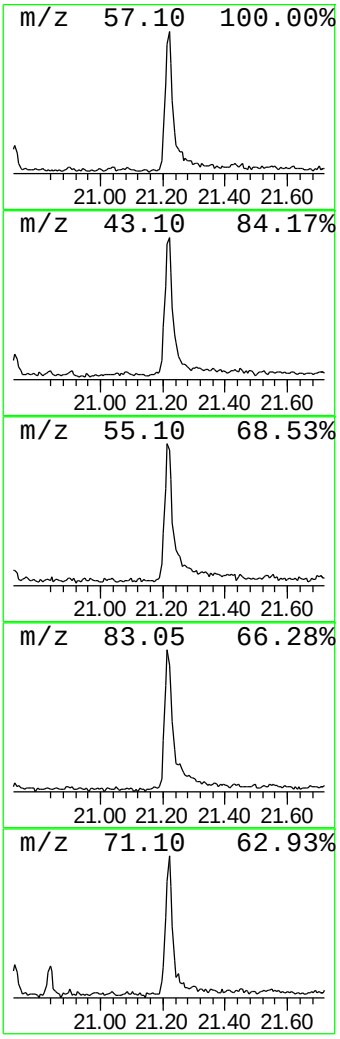
Peak Number 2 5-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	4.24 ng	295188	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	Cyclopentadecane	210	C15H30	000295-48-7	87
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





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Data File : BG044275.D
Acq On : 3 Feb 2020 16:43
Operator : CG/JU
Sample : L1345-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-C

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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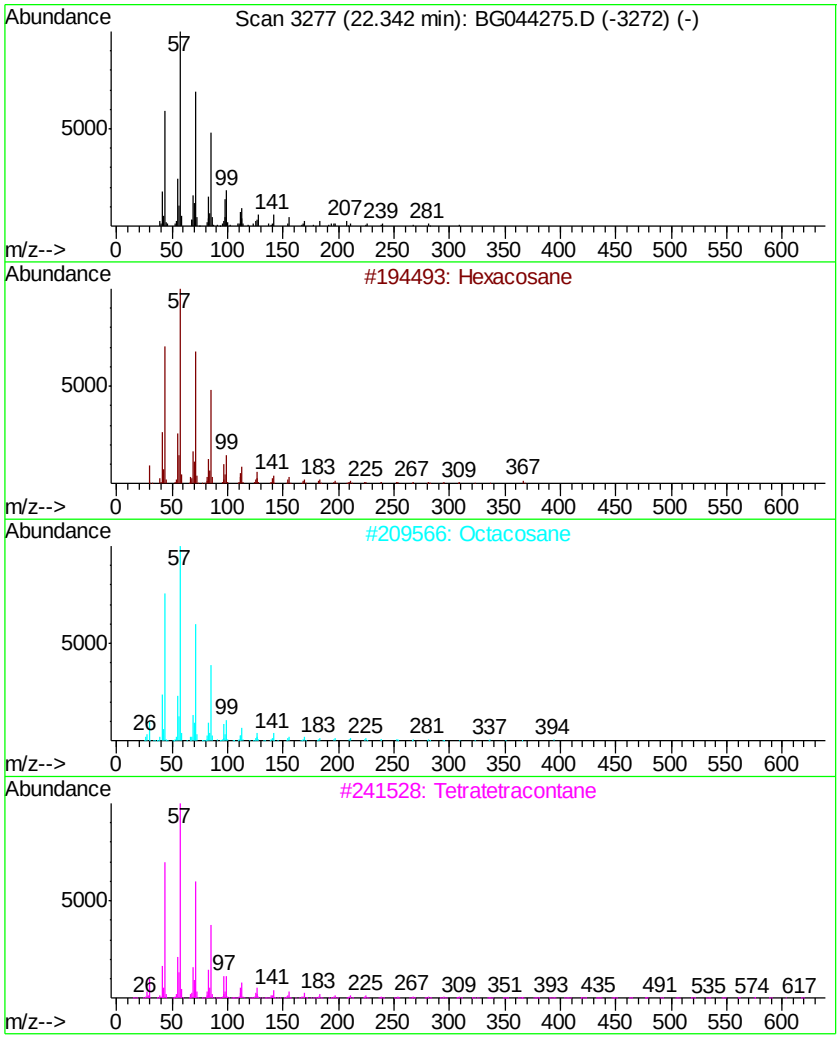
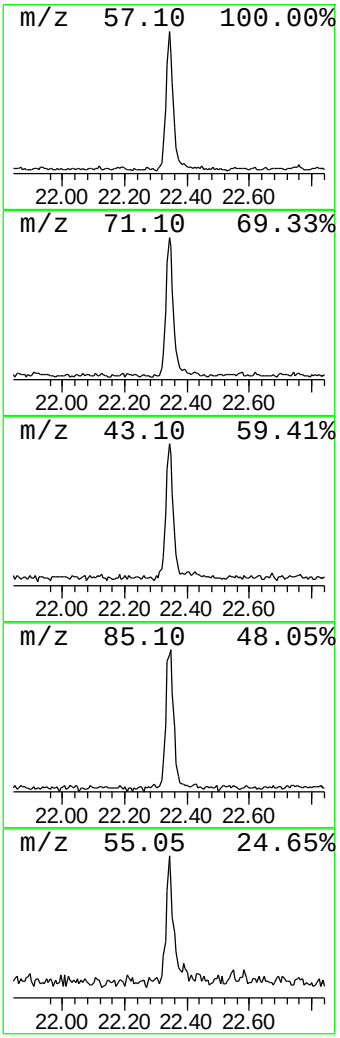
Peak Number 3 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.19 ng	152520	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : L1345-03
Misc :
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Instrument : BNA_G
ClientSampleId : 01-31-C

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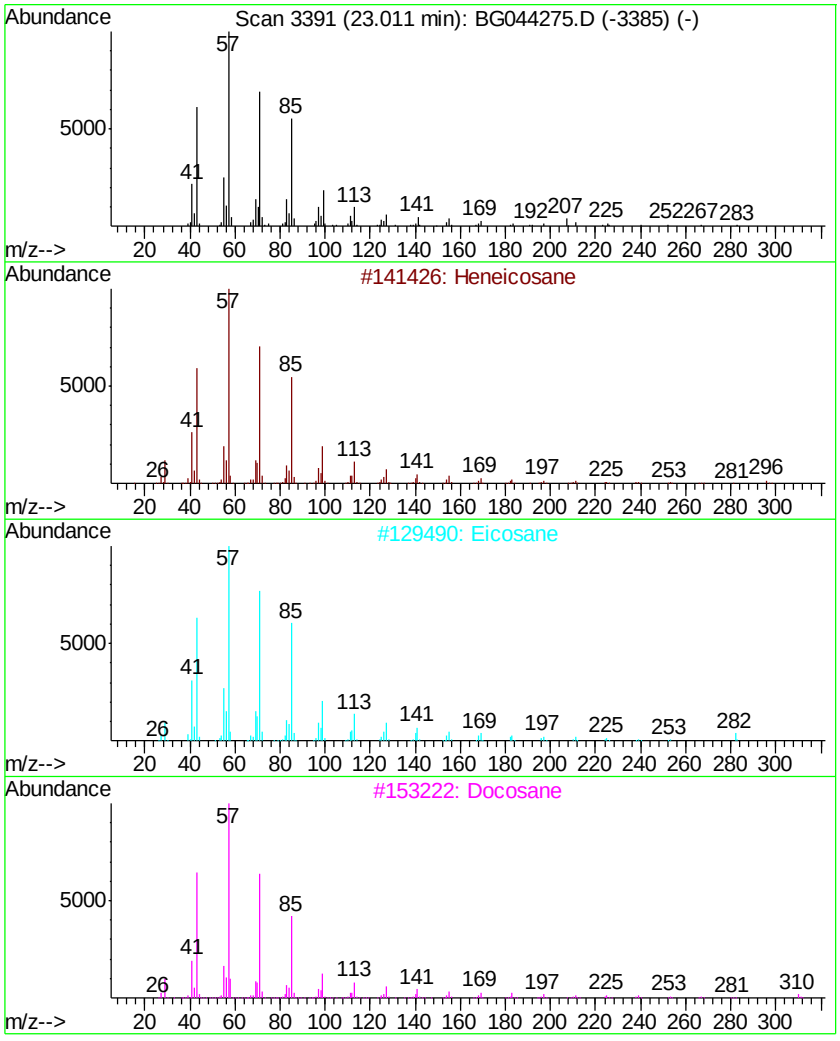
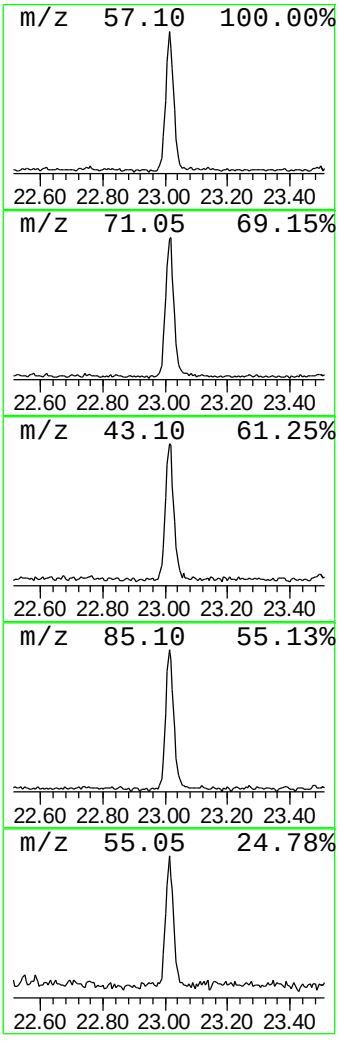
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	2.72 ng	189502	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Docosane	310	C22H46	000629-97-0	90
4	Hentriacontane	437	C31H64	000630-04-6	81
5	Heptacosane	380	C27H56	000593-49-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
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Sample : L1345-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-C

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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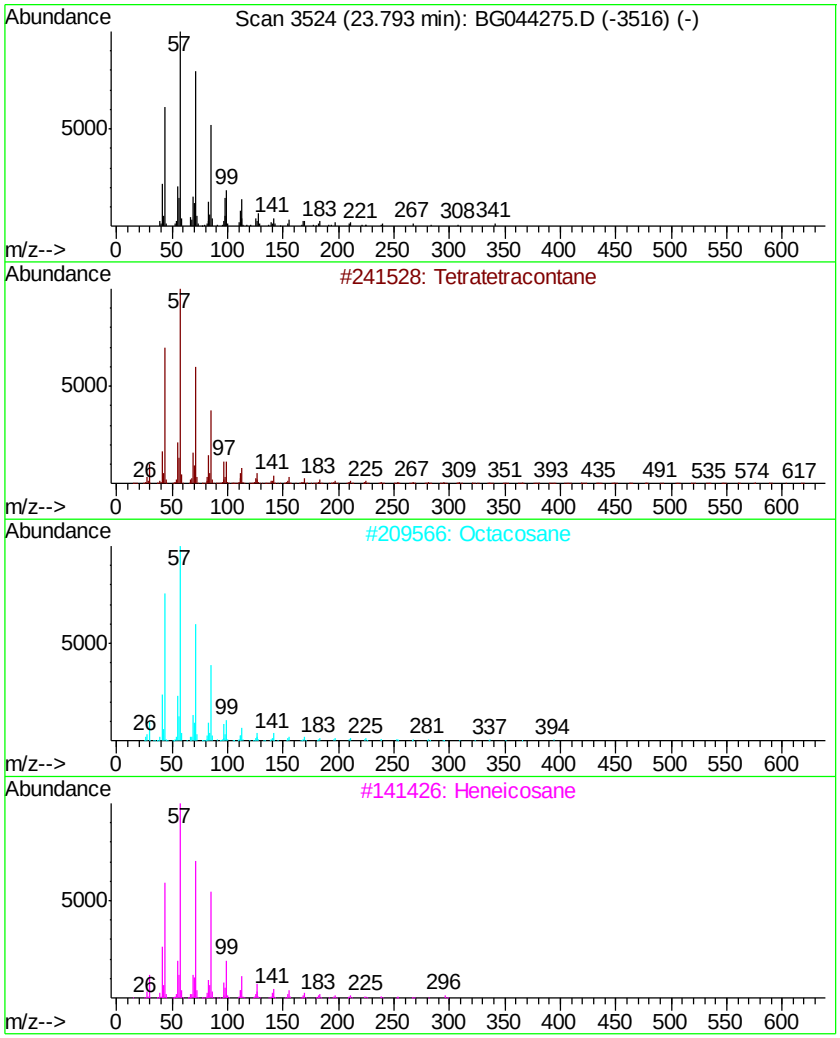
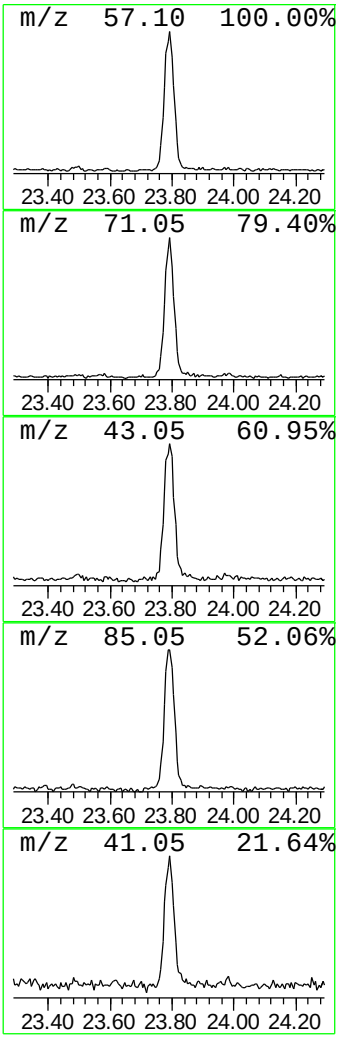
Peak Number 5 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.33 ng	218237	Perylene-d12	24.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : L1345-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-C

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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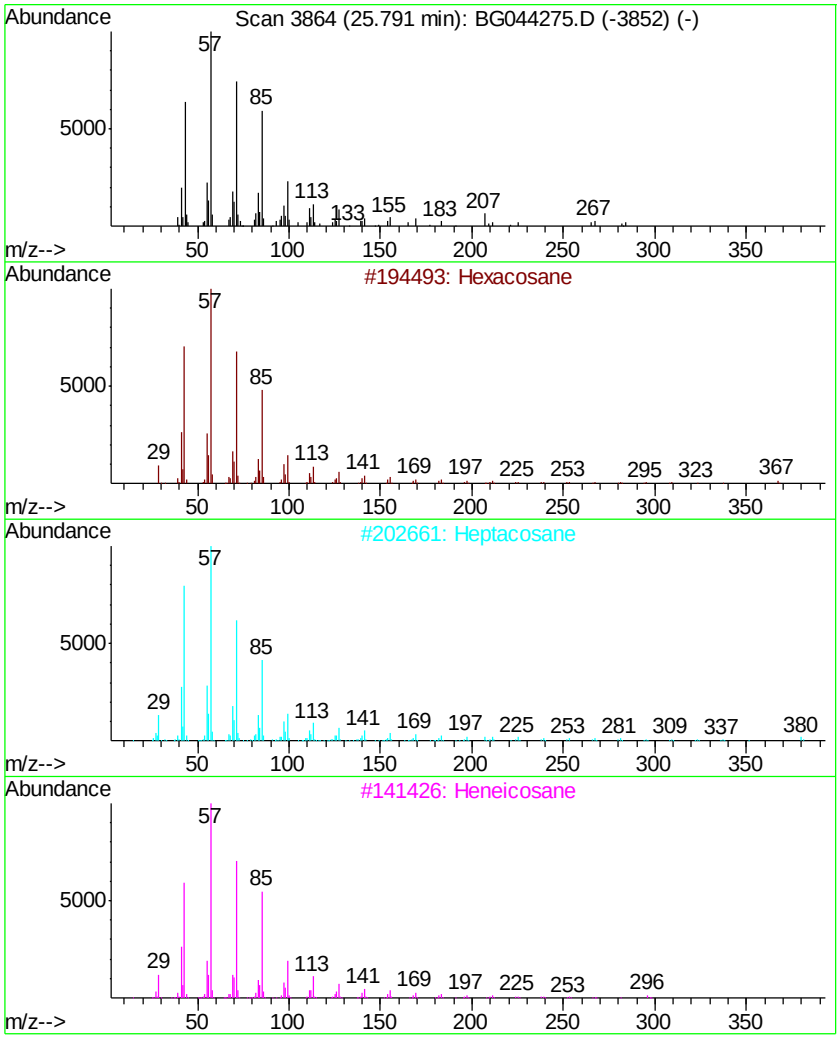
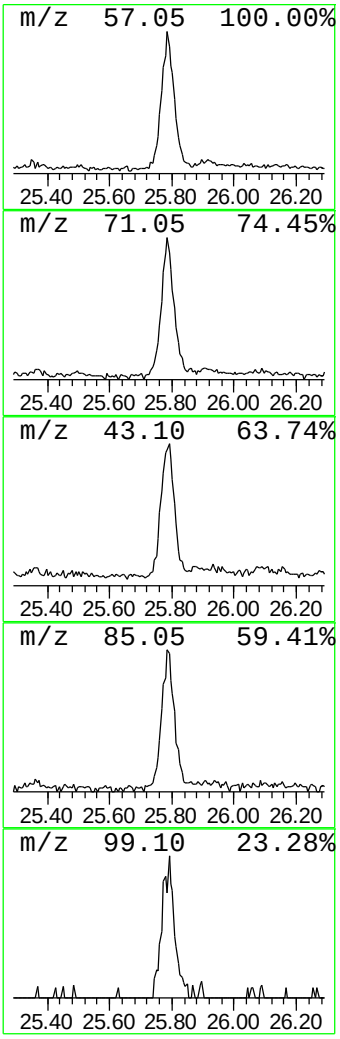
Peak Number 6 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	2.79 ng	182794	Perylene-d12	24.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : 01-31-C

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
5-Octadecene, (E)-	21.22	4.2	ng	295188	5	21.54	1391040	20.0
Hexacosane	22.34	2.2	ng	152520	5	21.54	1391040	20.0
Heneicosane	23.01	2.7	ng	189502	5	21.54	1391040	20.0
Tetratetracontane	23.79	3.3	ng	218237	6	24.64	1310340	20.0
Heptacosane	25.79	2.8	ng	182794	6	24.64	1310340	20.0