LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044136.D
Acq On : 21 Jan 2020 16:41
Operator : JU
Sample : L1211-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-15-30

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-BG123019.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	5.508	405	412	430	rBV	1464058	2383383	44.85%	8.290%
2	7.100	674	683	701	rBV	1508396	2717300	51.14%	9.451%
3	7.929	817	824	832	rBV	287299	485365	9.13%	1.688%
4	8.252	871	879	887	rBV	1129626	2001969	37.68%	6.963%
5	9.086	1011	1021	1033	rBV	926321	1683410	31.68%	5.855%
6	10.731	1293	1301	1315	rBV	384603	735014	13.83%	2.557%
7	13.187	1712	1719	1734	rBV	2445787	4091242	76.99%	14.230%
8	14.016	1854	1860	1878	rBV	131939	238933	4.50%	0.831%
9	14.568	1946	1954	1968	rBV	687667	1123147	21.14%	3.907%
10	16.054	2200	2207	2229	rBV	1923426	3029827	57.02%	10.538%
11	17.312	2412	2421	2434	rBV	748203	1219082	22.94%	4.240%
12	19.926	2859	2866	2880	rBV	3907922	5313755	100.00%	18.482%
13	21.231	3082	3088	3108	rBV2	167102	433441	8.16%	1.508%
14	21.554	3136	3143	3153	rBV	776250	1268557	23.87%	4.412%
15	21.765	3175	3179	3183	rBV2	49369	67398	1.27%	0.234%
16	22.359	3275	3280	3285	rBV2	72852	116450	2.19%	0.405%
17	23.029	3388	3394	3402	rVB2	92034	171399	3.23%	0.596%
18	23.217	3419	3426	3436	rBV2	30557	66663	1.25%	0.232%
19	23.810	3520	3527	3535	rVB	88877	194202	3.65%	0.675%
20	24.662	3662	3672	3680	rBV2	450303	1276615	24.02%	4.440%
21	25.819	3861	3869	3879	rVB4	50779	133467	2.51%	0.464%

Sum of corrected areas: 28750619

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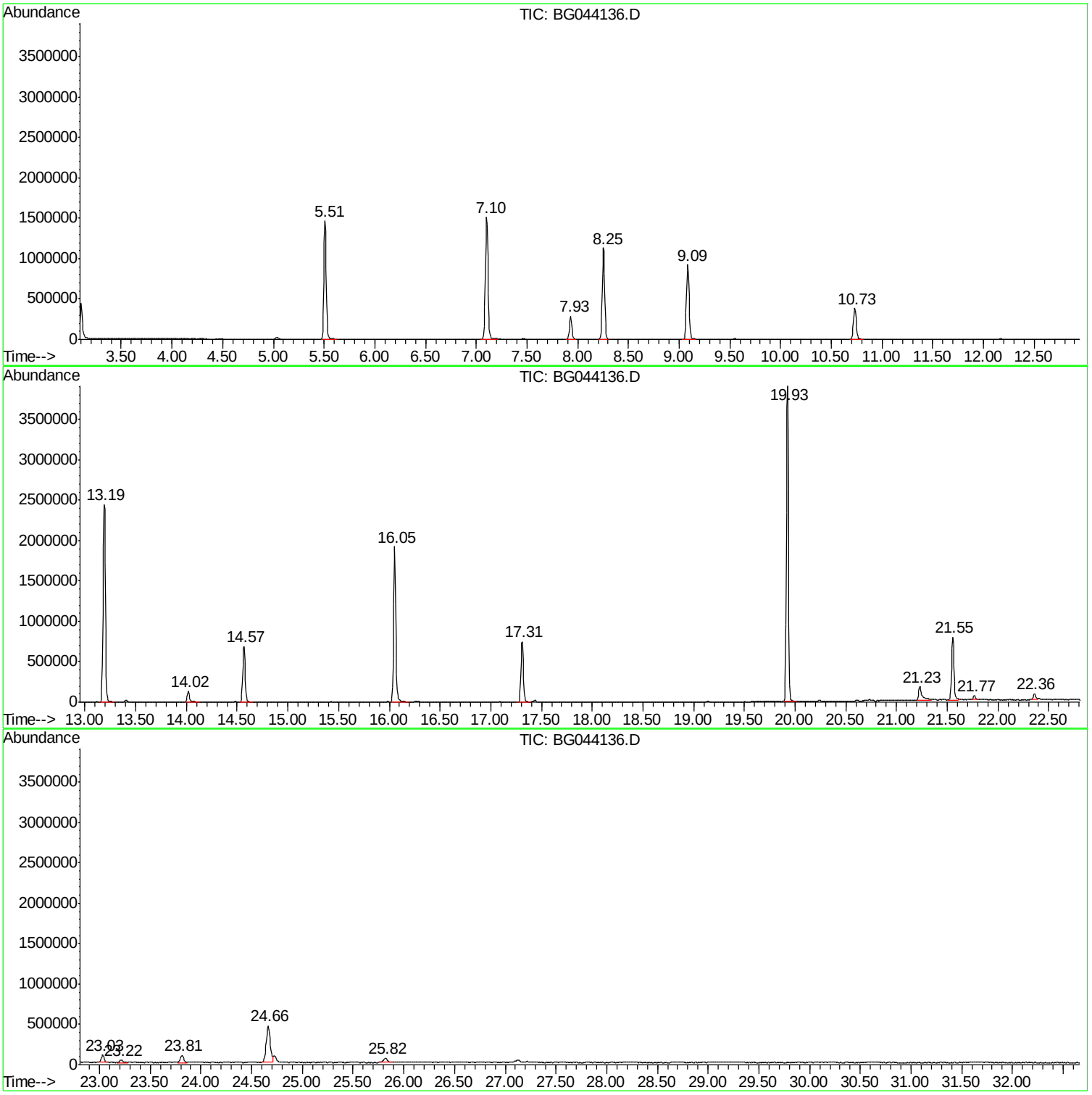
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1-15-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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 : BG044136.D
Acq On : 21 Jan 2020 16:41
Operator : JU
Sample : L1211-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-15-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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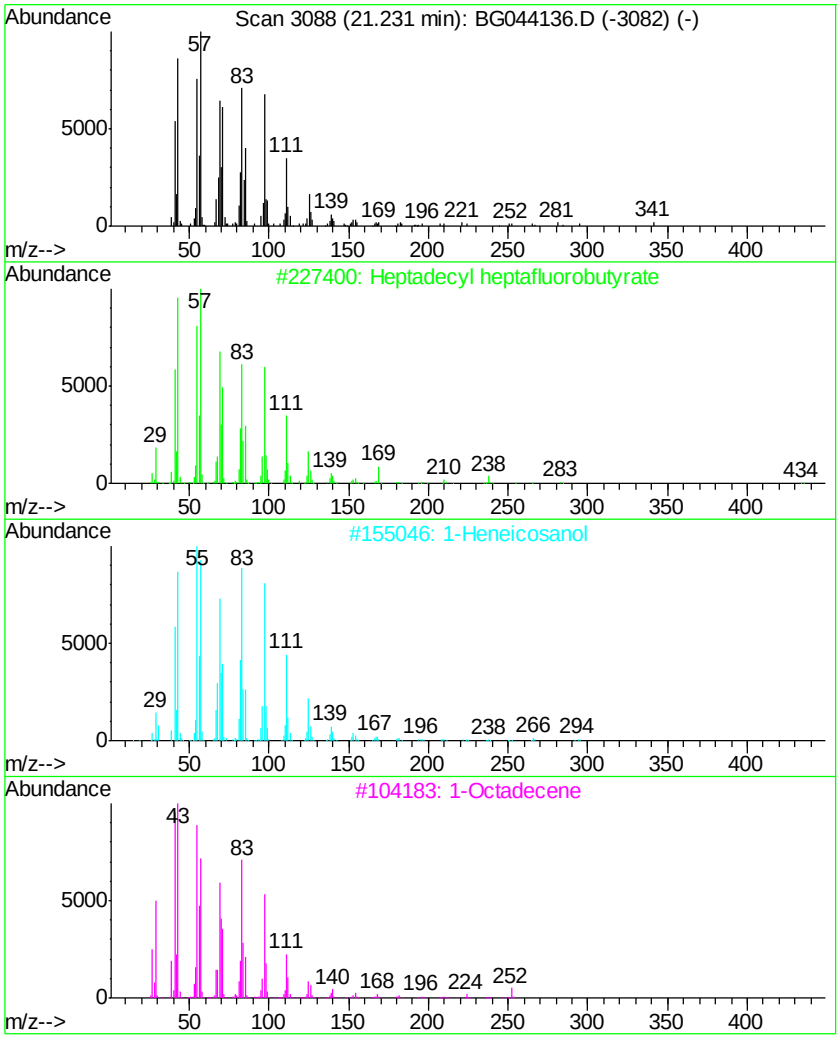
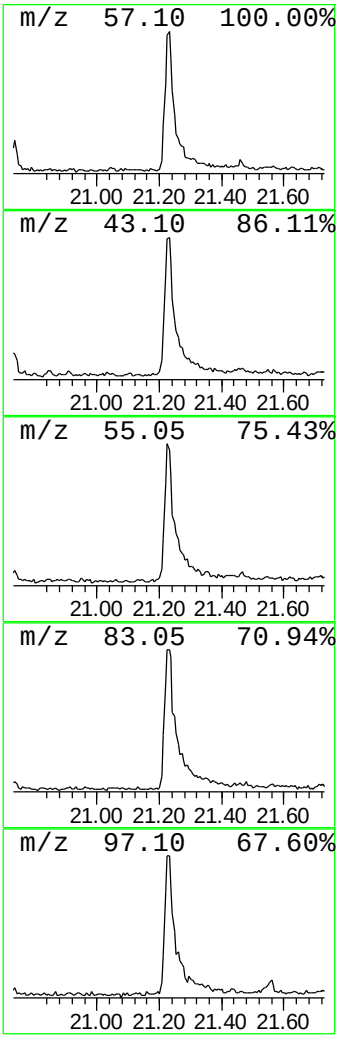
Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.83 ng	433441	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Octadecene	252	C18H36	000112-88-9	92
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





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Data File : BG044136.D
Acq On : 21 Jan 2020 16:41
Operator : JU
Sample : L1211-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-15-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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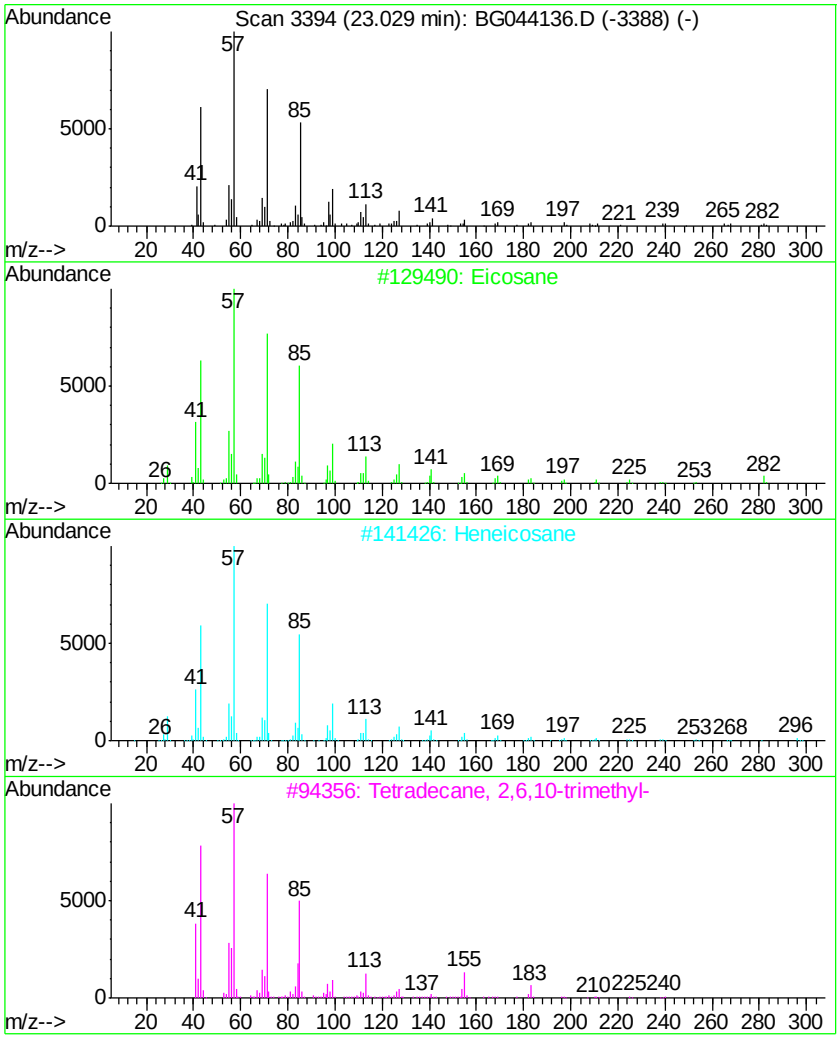
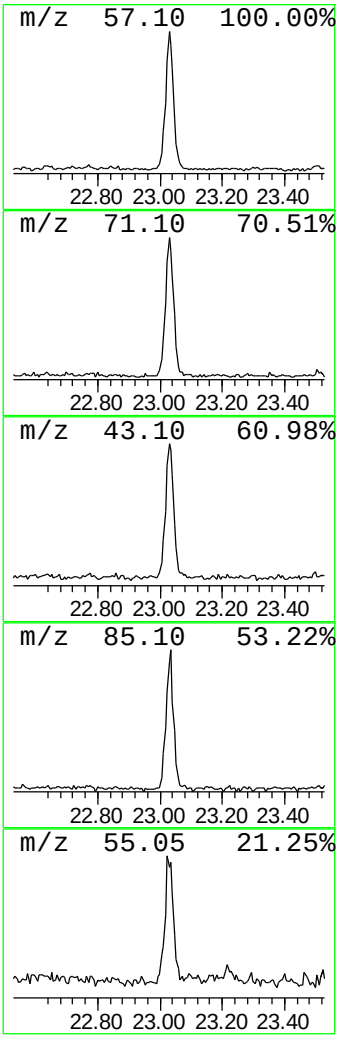
Peak Number 3 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.70 ng	171399	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044136.D
Acq On : 21 Jan 2020 16:41
Operator : JU
Sample : L1211-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-15-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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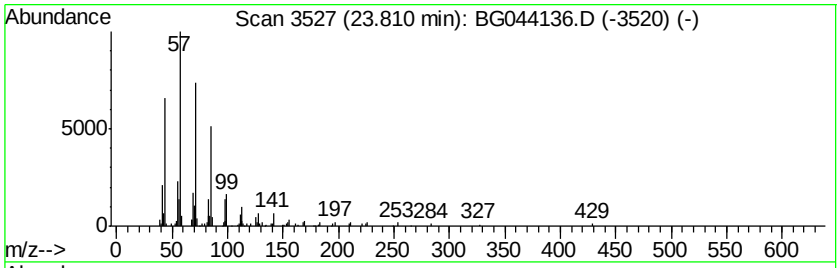
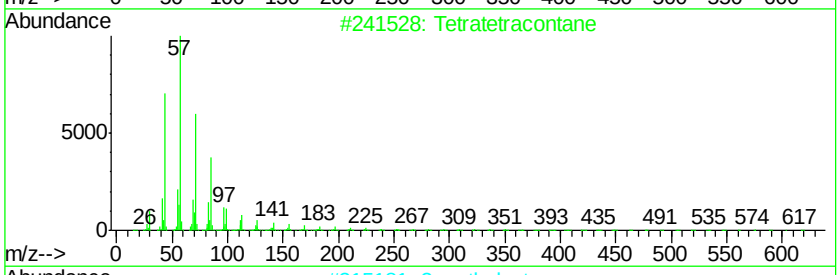
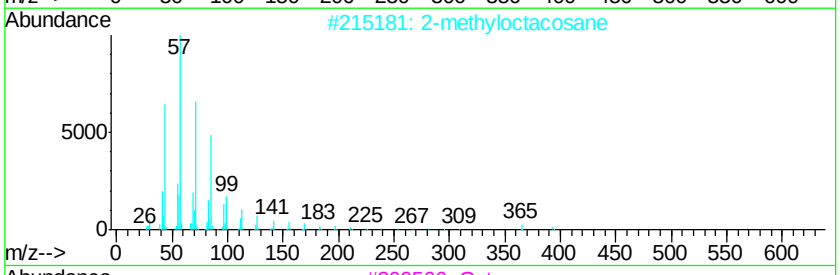
Peak Number 4 Tetratetracontane Concentration Rank 3

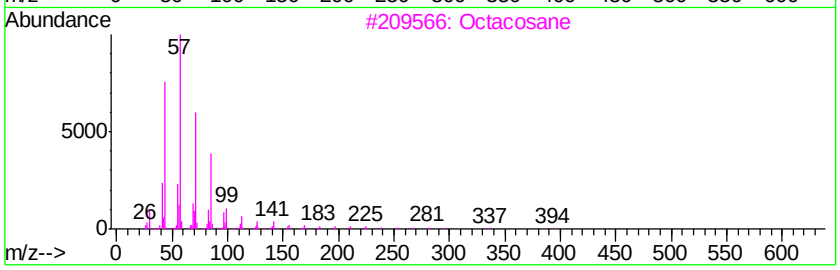
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.04 ng	194202	Perylene-d12	24.66

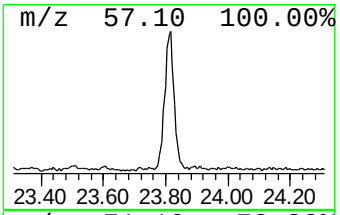
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91

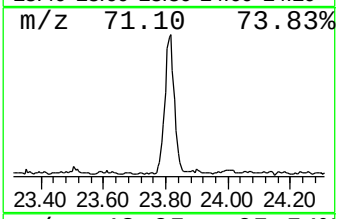


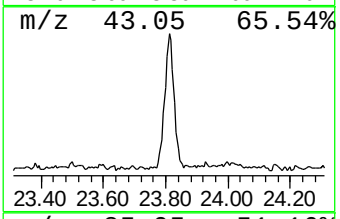


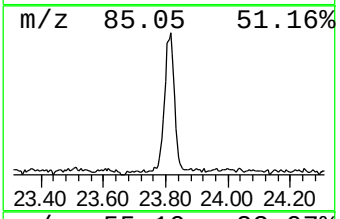


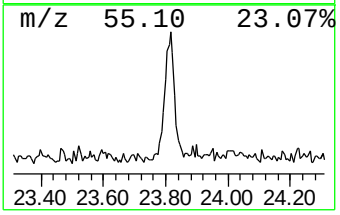












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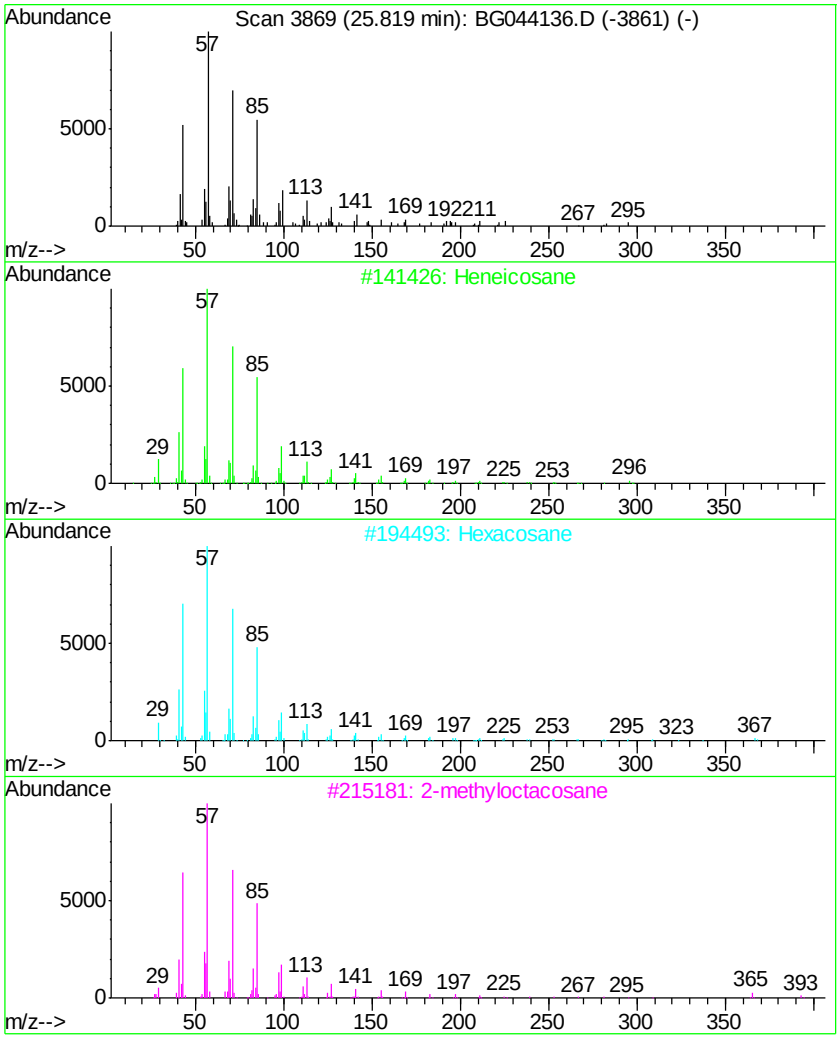
TIC Integration Parameters: LSCINT.P

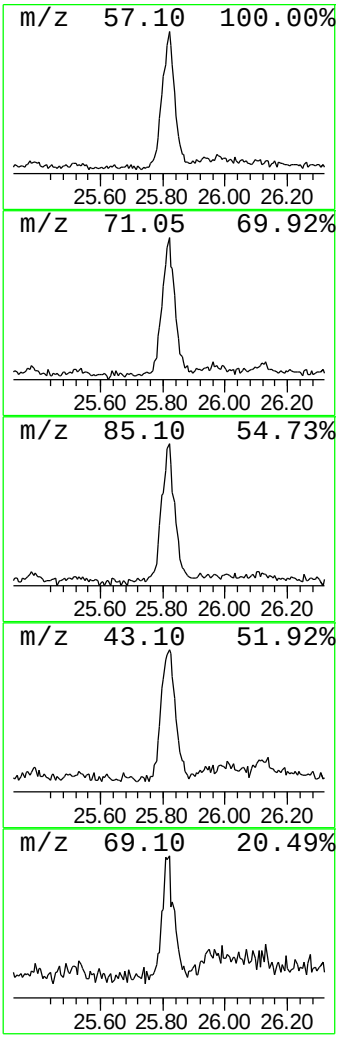
****

Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	2.09 ng	133467	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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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
Heptadecyl heptaf...	21.23	6.8	ng	433441	5	21.55	1268560	20.0
Eicosane	23.03	2.7	ng	171399	5	21.55	1268560	20.0
Tetratetracontane	23.81	3.0	ng	194202	6	24.66	1276620	20.0
Heneicosane	25.82	2.1	ng	133467	6	24.66	1276620	20.0