LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044442.D
Acq On : 14 Feb 2020 17:20
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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	5.001	319	325	335	rBV2	49157	85527	2.41%	0.397%
2	5.477	399	406	425	rBV	1013287	1650264	46.41%	7.654%
3	7.069	669	677	696	rBV	967439	1745739	49.10%	8.096%
4	7.897	811	818	827	rVB	246657	417162	11.73%	1.935%
5	8.220	864	873	883	rBV	819601	1439859	40.49%	6.678%
6	9.049	1007	1014	1026	rBV	572837	1096405	30.83%	5.085%
7	10.694	1287	1294	1311	rBV	300700	573925	16.14%	2.662%
8	13.156	1706	1713	1727	rBV	1566411	2483264	69.84%	11.517%
9	13.990	1849	1855	1867	rVB	45358	82662	2.32%	0.383%
10	14.537	1941	1948	1962	rBV	500801	829894	23.34%	3.849%
11	16.023	2194	2201	2223	rBV	1255161	1946058	54.73%	9.025%
12	17.280	2408	2415	2425	rBV	647266	1027042	28.88%	4.763%
13	19.807	2841	2845	2849	rBV	45277	56825	1.60%	0.264%
14	19.895	2854	2860	2872	rBV	2714921	3555812	100.00%	16.491%
15	21.194	3076	3081	3095	rBV	227748	415813	11.69%	1.928%
16	21.523	3130	3137	3151	rBV	674210	1137556	31.99%	5.276%
17	21.728	3167	3172	3179	rVB2	44317	73471	2.07%	0.341%
18	22.316	3266	3272	3287	rBV2	70202	159788	4.49%	0.741%
19	22.974	3379	3384	3392	rVB	85277	156558	4.40%	0.726%
20	23.156	3408	3415	3425	rVB	508696	951352	26.75%	4.412%
21	23.743	3509	3515	3523	rVB	81196	172687	4.86%	0.801%
22	24.601	3651	3661	3677	rBV2	411537	1287766	36.22%	5.972%
23	25.724	3843	3852	3862	rVB4	54935	155737	4.38%	0.722%
24	27.004	4064	4070	4082	rVB6	20404	60803	1.71%	0.282%

Sum of corrected areas: 21561969

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
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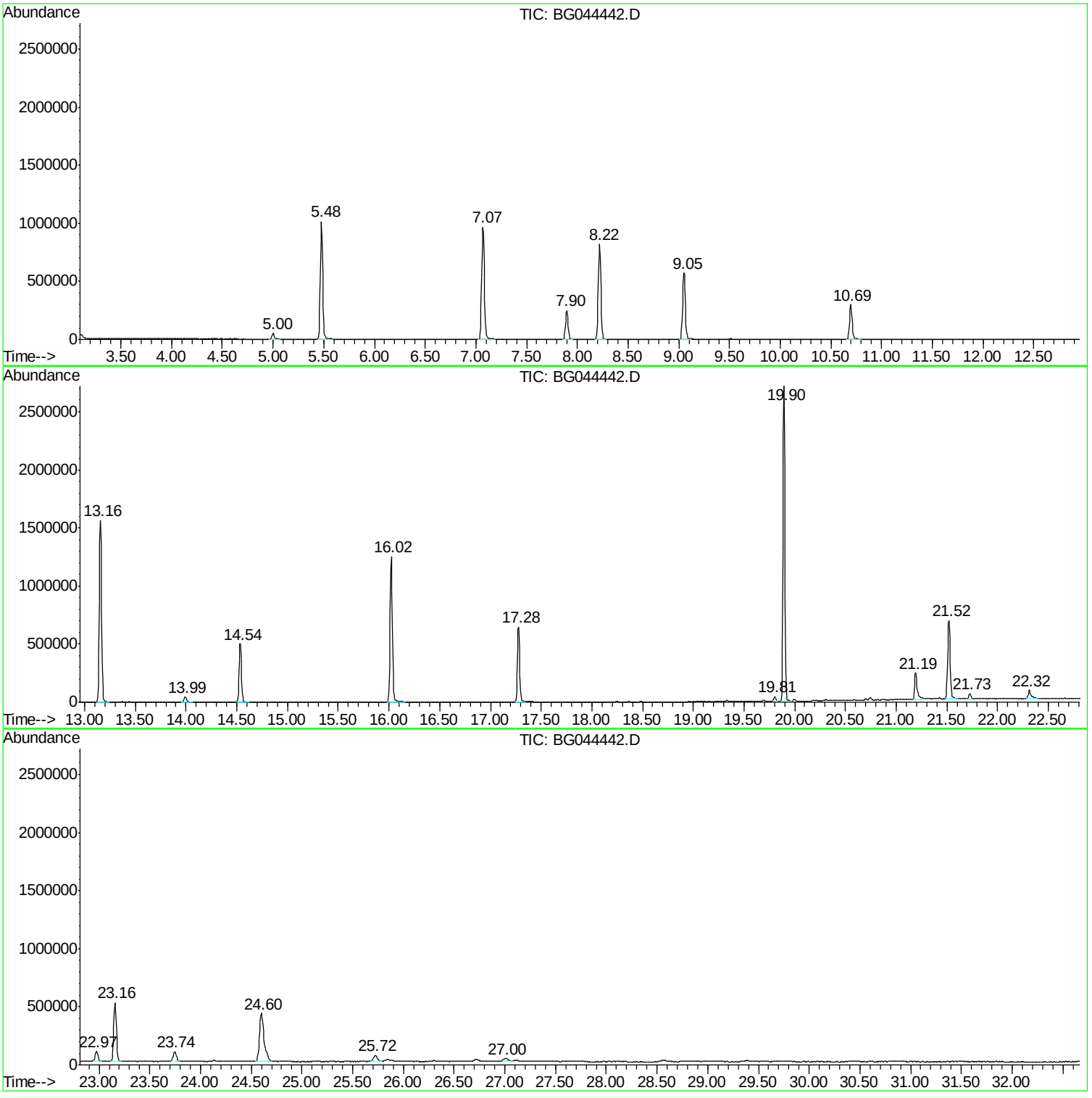
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044442.D
Acq On : 14 Feb 2020 17:20
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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

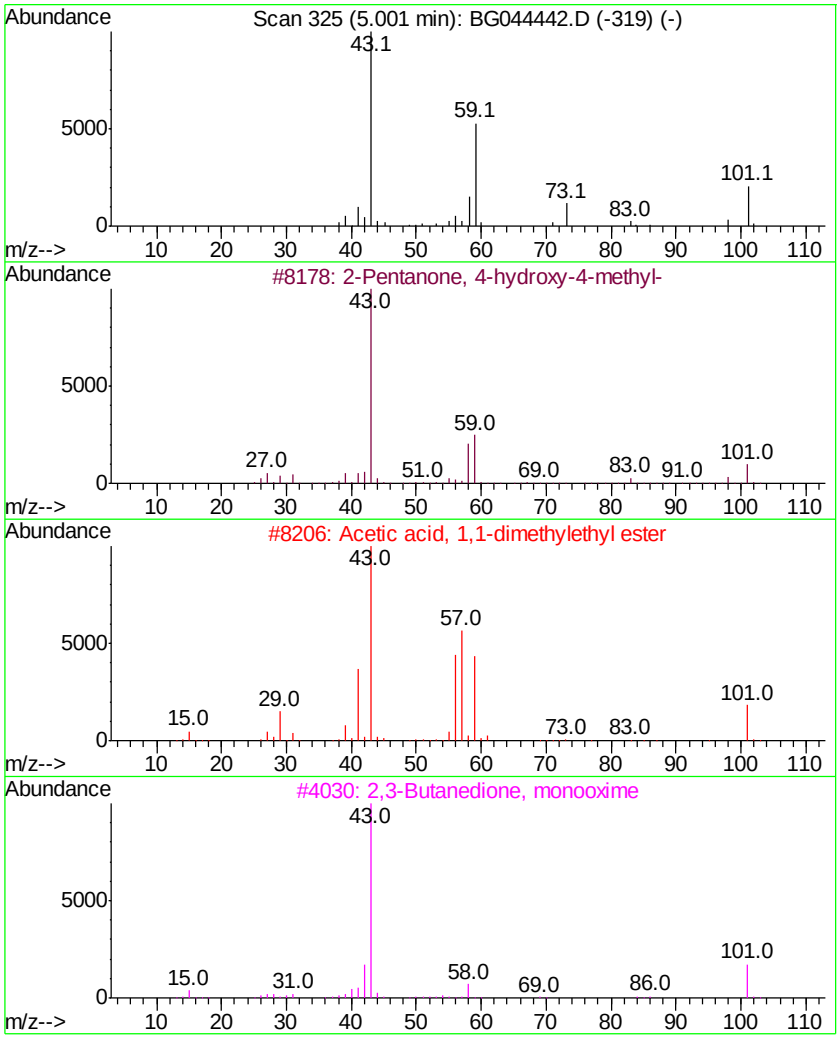
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

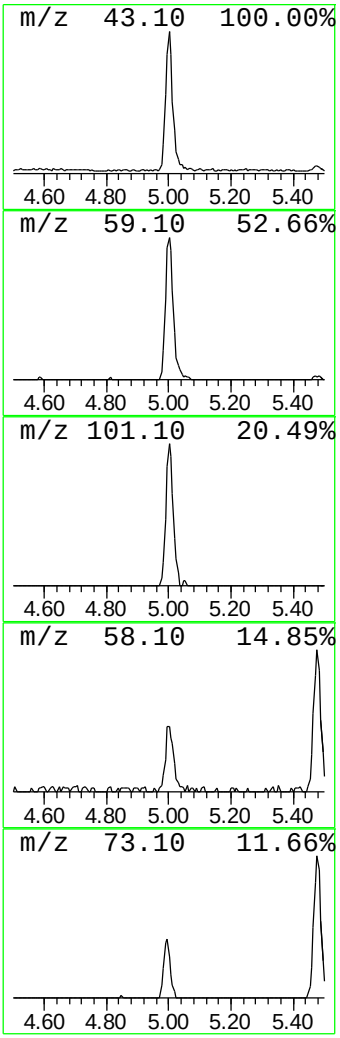
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.10 ng	85527	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Data File : BG044442.D
Acq On : 14 Feb 2020 17:20
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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

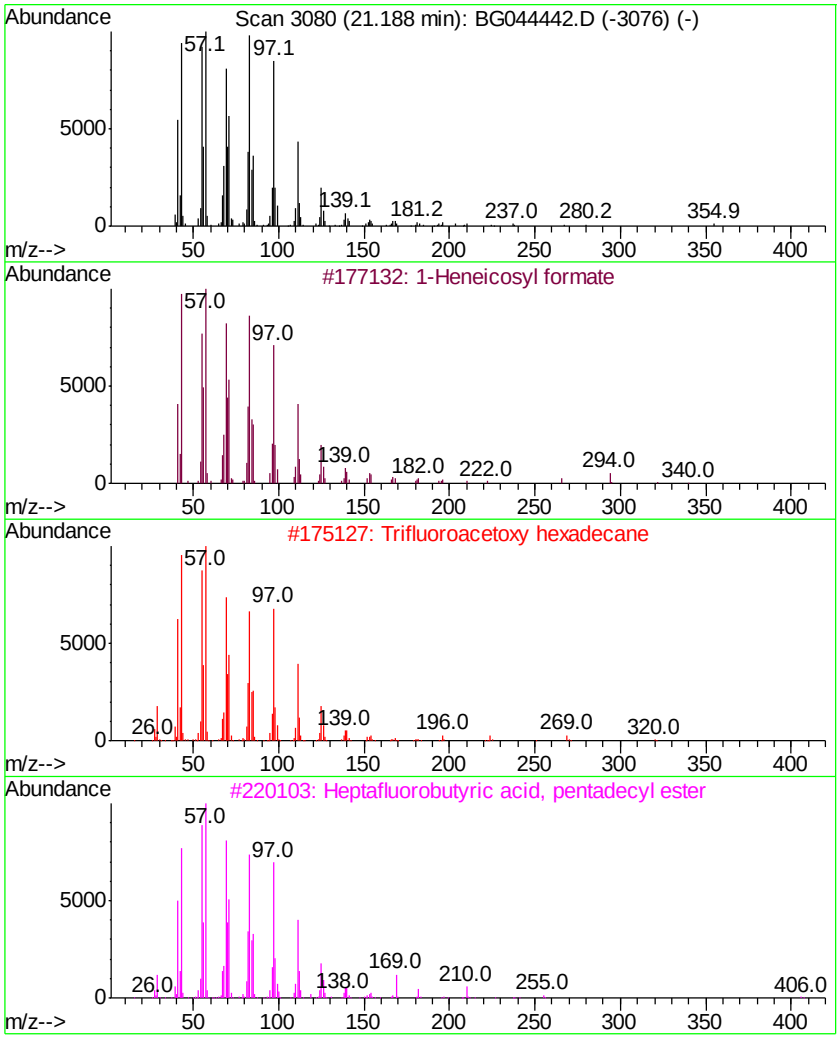
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

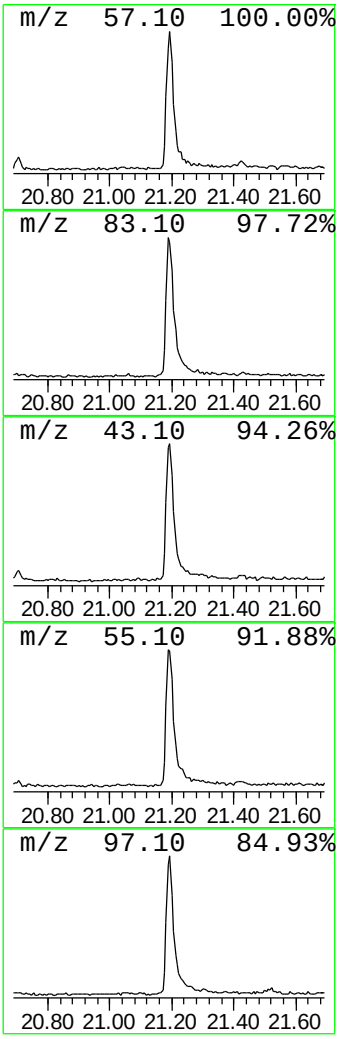
****

Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	7.31 ng	415813	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Cetene	224	C16H32	000629-73-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044442.D
Acq On : 14 Feb 2020 17:20
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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

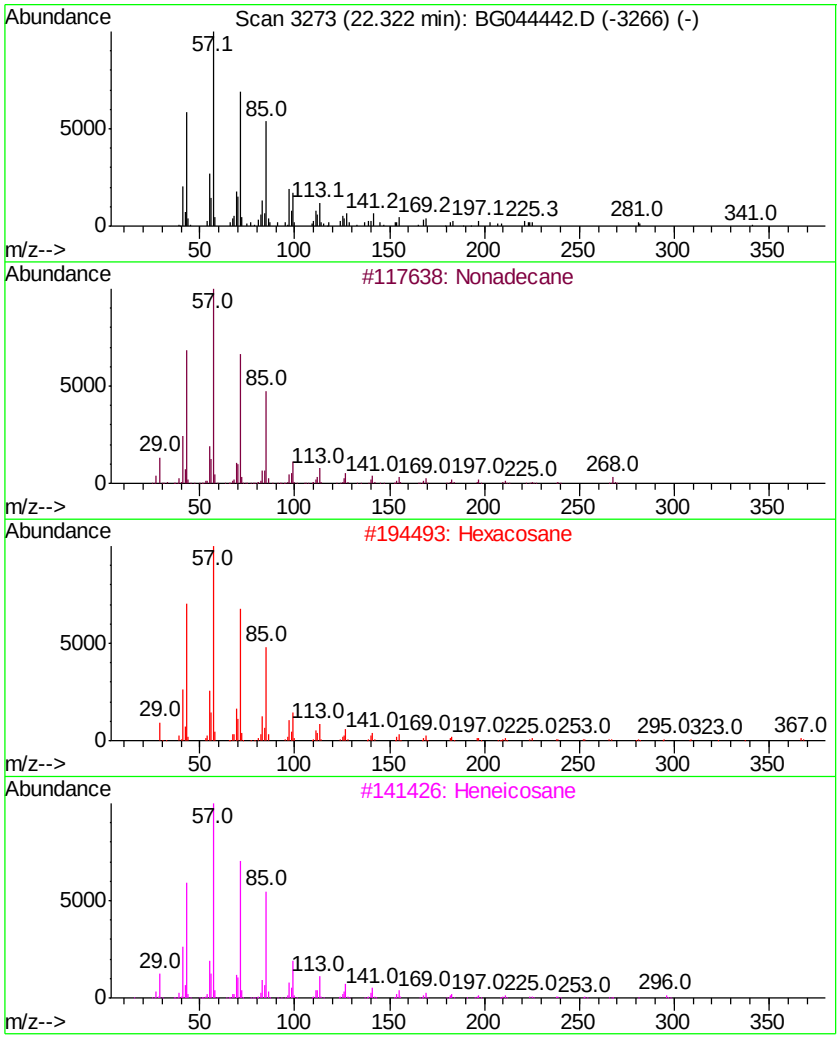
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

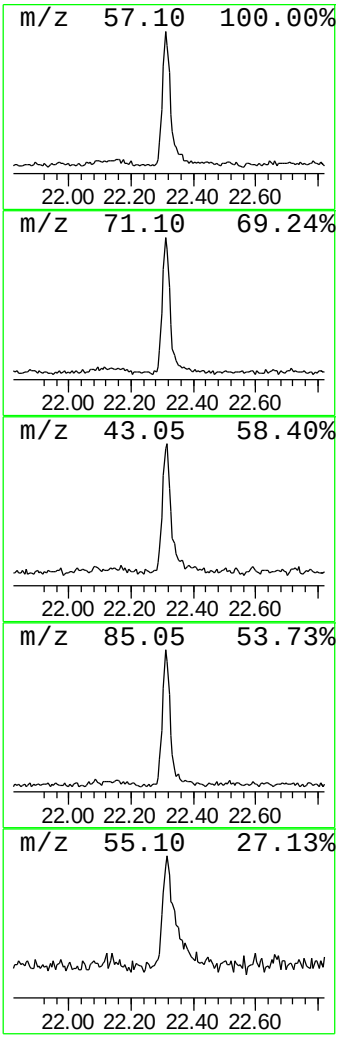
****

Peak Number 4 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.81 ng	159788	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044442.D
Acq On : 14 Feb 2020 17:20
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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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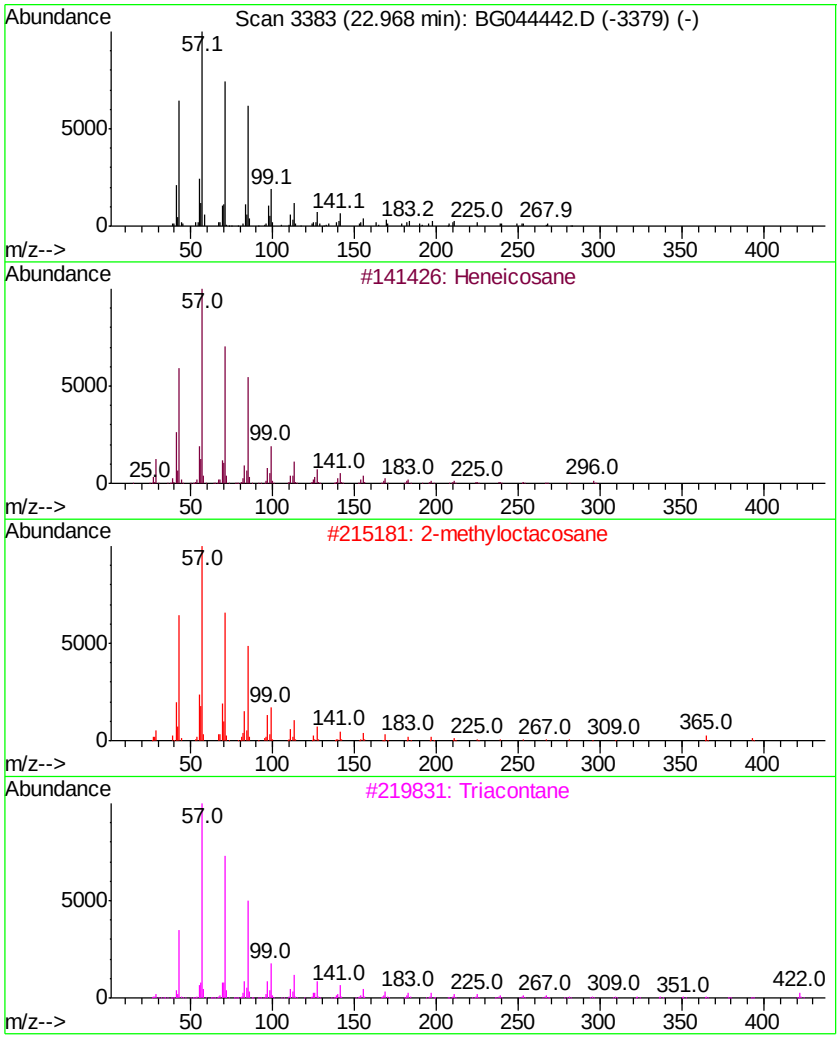
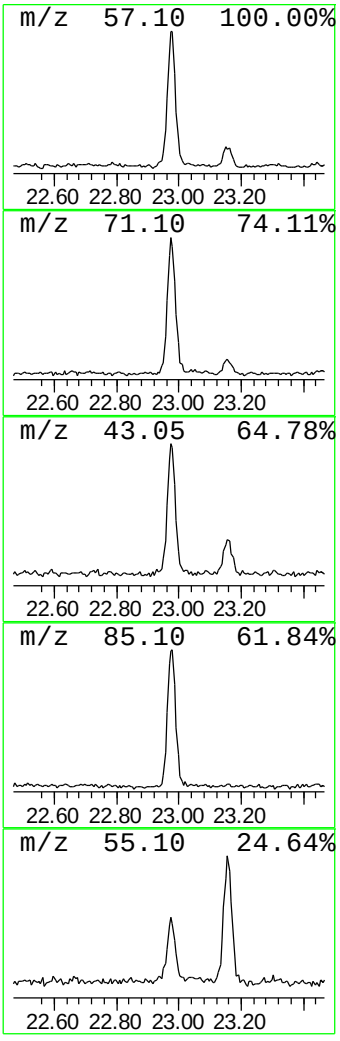
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.75 ng	156558	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
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Acq On : 14 Feb 2020 17:20
Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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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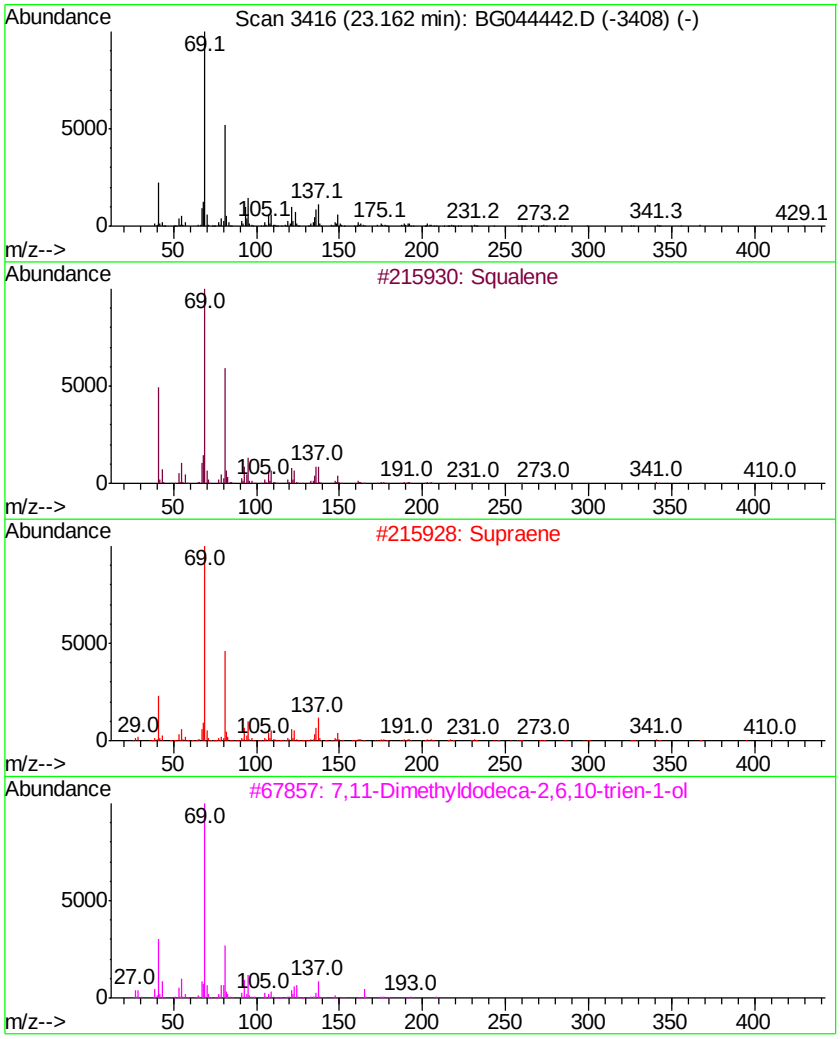
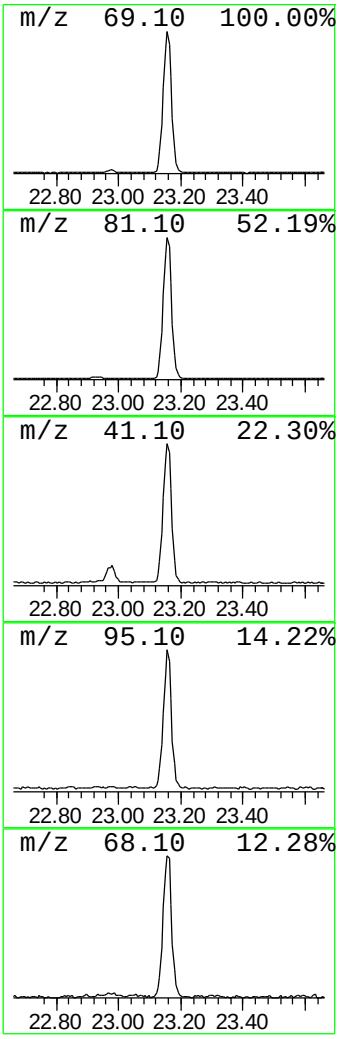
Peak Number 6 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	14.78 ng	951352	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
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Operator : CG/JU
Sample : L1523-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

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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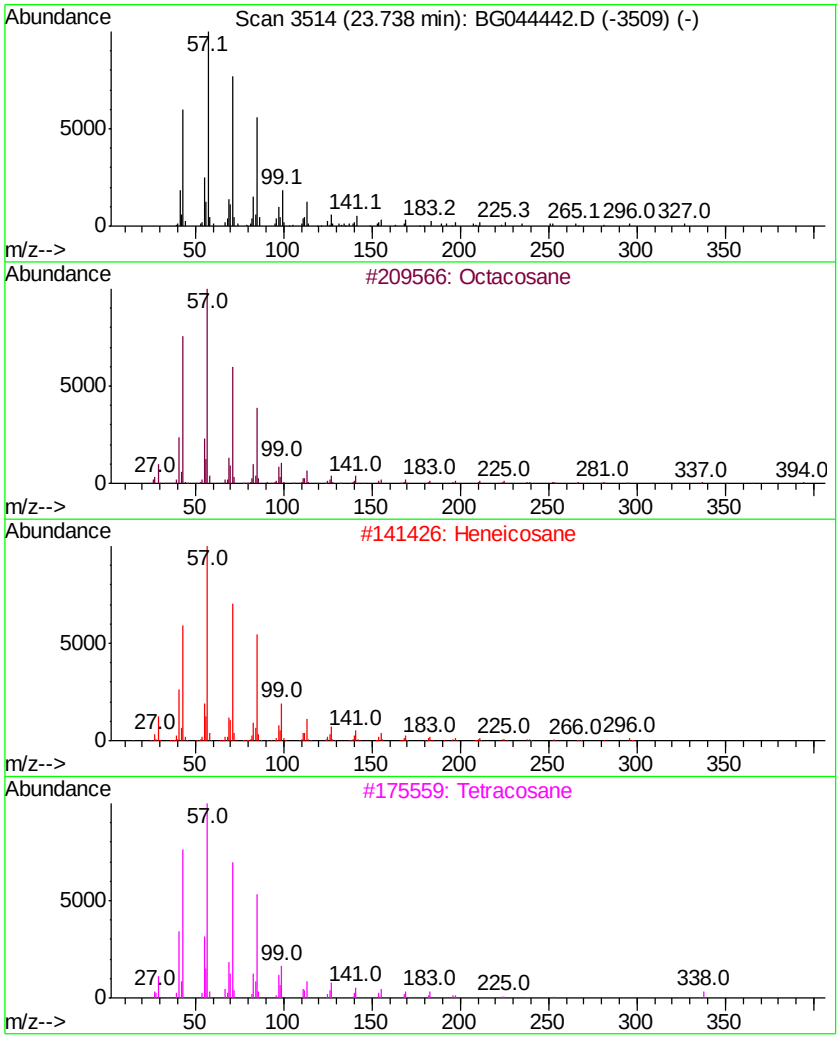
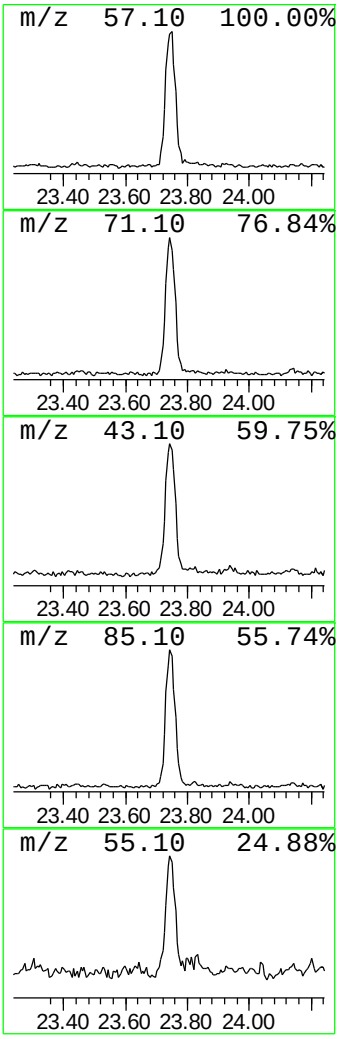
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.68 ng	172687	Perylene-d12	24.60

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





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Instrument : BNA_G
ClientSampleId : COMP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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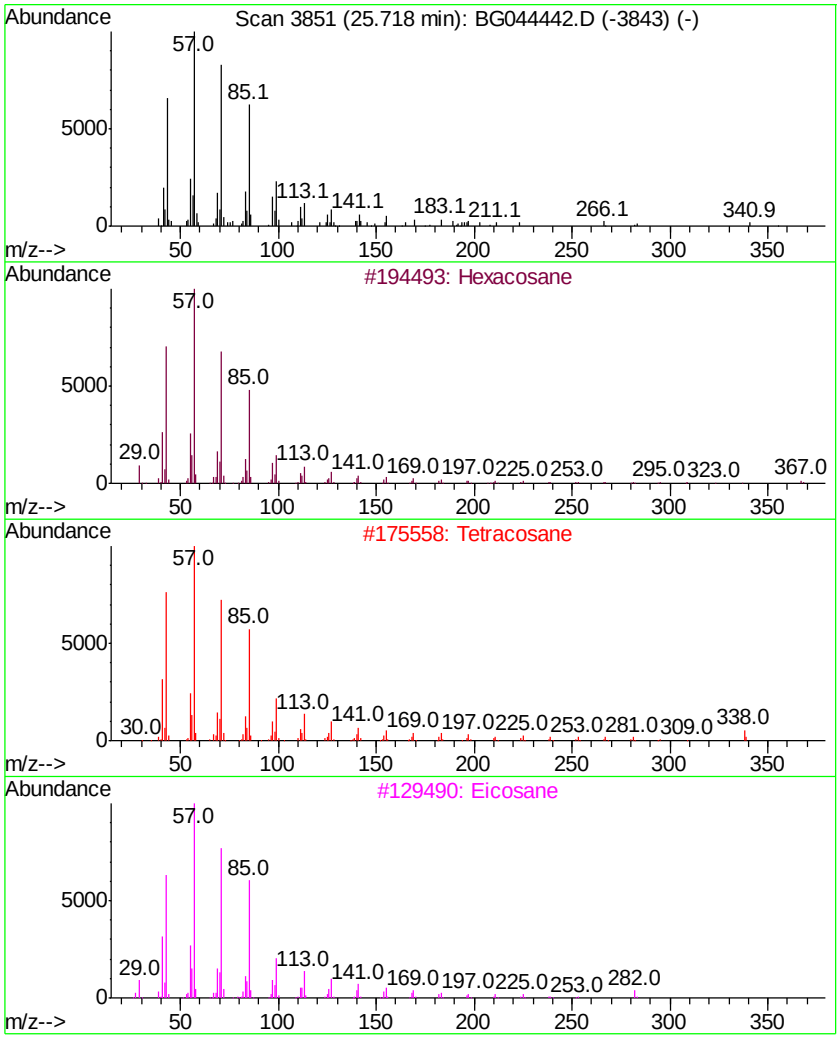
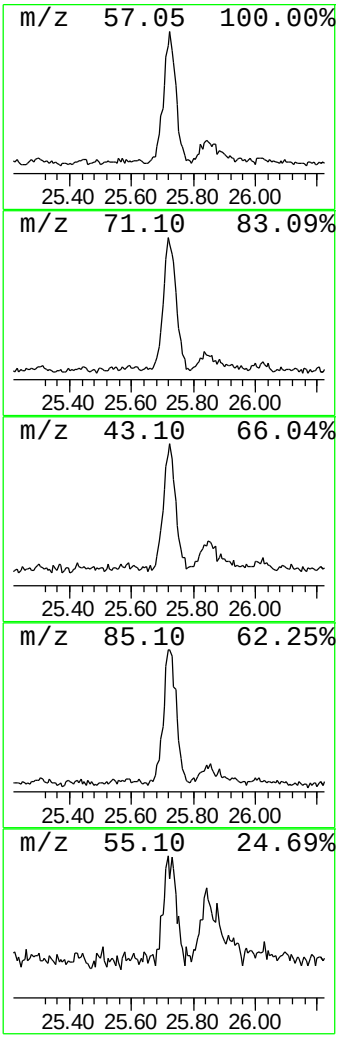
Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	2.42 ng	155737	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Triacontane	422	C30H62	000638-68-6	74





Tentatively Identified Compound (LSC) summary

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Acq On : 14 Feb 2020 17:20
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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...	5.00	4.1	ng	85527	1	7.90	417162	20.0
1-Heneicosyl formate	21.19	7.3	ng	415813	5	21.52	1137560	20.0
Nonadecane	22.32	2.8	ng	159788	5	21.52	1137560	20.0
Heneicosane	22.97	2.8	ng	156558	5	21.52	1137560	20.0
Squalene	23.16	14.8	ng	951352	6	24.60	1287770	20.0
Octacosane	23.74	2.7	ng	172687	6	24.60	1287770	20.0
Hexacosane	25.72	2.4	ng	155737	6	24.60	1287770	20.0