LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045590.D
Acq On : 3 Jun 2020 21:01
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

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-BG051520.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	5.542	411	418	432	rBV	958115	1662371	37.05%	6.997%
2	7.146	683	691	707	rBV	1068264	1949151	43.44%	8.204%
3	7.951	820	828	837	rBV	207304	358054	7.98%	1.507%
4	8.274	876	883	894	rBV	927558	1670920	37.24%	7.033%
5	9.114	1017	1026	1034	rBV	700834	1306784	29.13%	5.500%
6	10.759	1296	1306	1319	rBV	266780	513488	11.44%	2.161%
7	13.220	1717	1725	1736	rBV	2103215	3423093	76.29%	14.408%
8	14.043	1857	1865	1872	rBV	204245	331875	7.40%	1.397%
9	14.595	1949	1959	1969	rBV	468465	779508	17.37%	3.281%
10	16.093	2207	2214	2223	rBV	1760325	2808265	62.59%	11.820%
11	16.339	2253	2256	2260	rVB2	51346	68125	1.52%	0.287%
12	17.162	2393	2396	2402	rVB2	118294	168515	3.76%	0.709%
13	17.344	2422	2427	2435	rBV	548860	883757	19.70%	3.720%
14	19.964	2867	2873	2878	rVB	3432123	4486714	100.00%	18.884%
15	21.262	3090	3094	3105	rVB	318517	557141	12.42%	2.345%
16	21.603	3147	3152	3161	rVB2	527499	844276	18.82%	3.554%
17	22.419	3285	3291	3302	rVB4	153765	438984	9.78%	1.848%
18	23.870	3534	3538	3543	rVB3	70828	125730	2.80%	0.529%
19	23.929	3545	3548	3565	rVB6	71417	208226	4.64%	0.876%
20	24.757	3680	3689	3703	rVB3	311733	992202	22.11%	4.176%
21	25.897	3877	3883	3896	rVB4	62878	181668	4.05%	0.765%

Sum of corrected areas: 23758847

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045590.D
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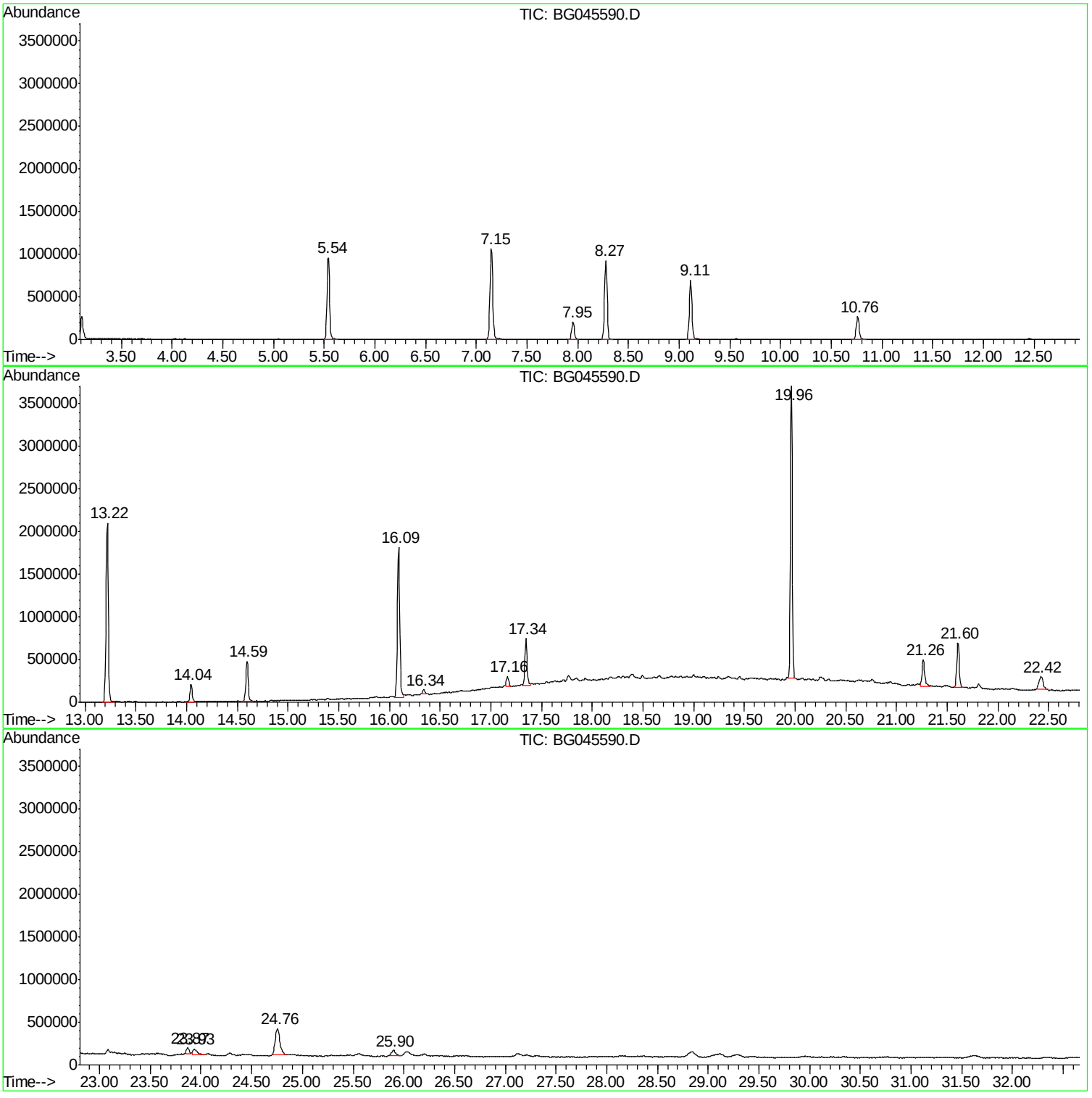
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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\BG060320\
Data File : BG045590.D
Acq On : 3 Jun 2020 21:01
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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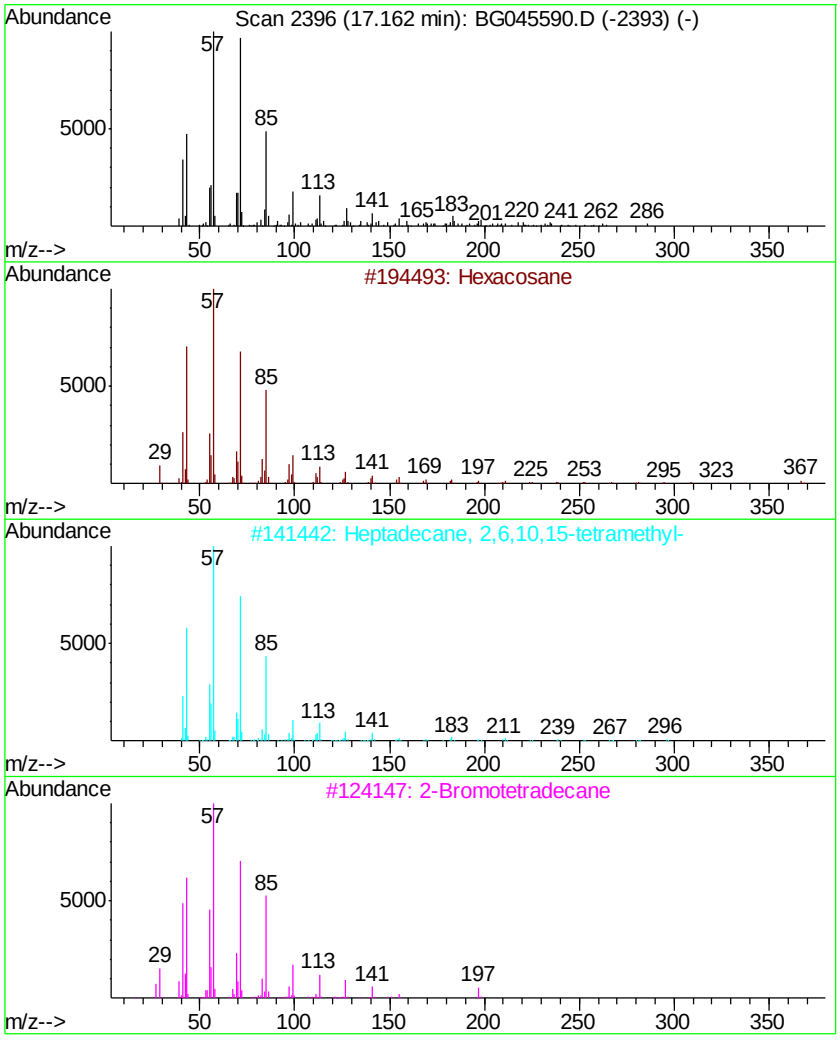
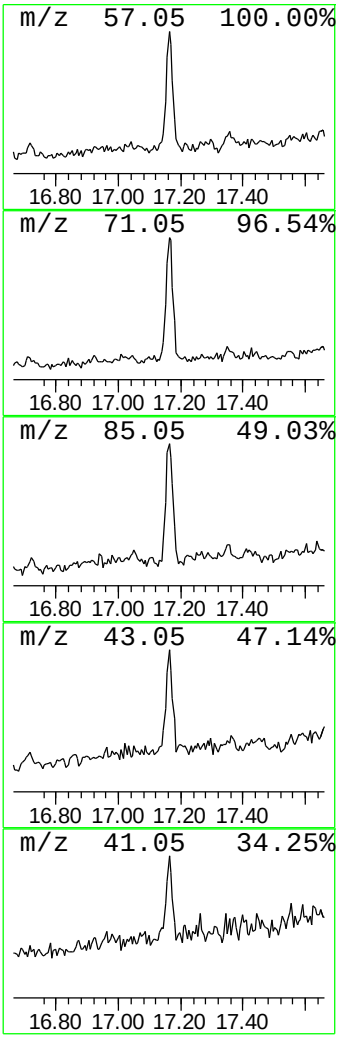
Peak Number 2 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	3.81 ng	168515	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octacosane	394	C28H58	000630-02-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045590.D
Acq On : 3 Jun 2020 21:01
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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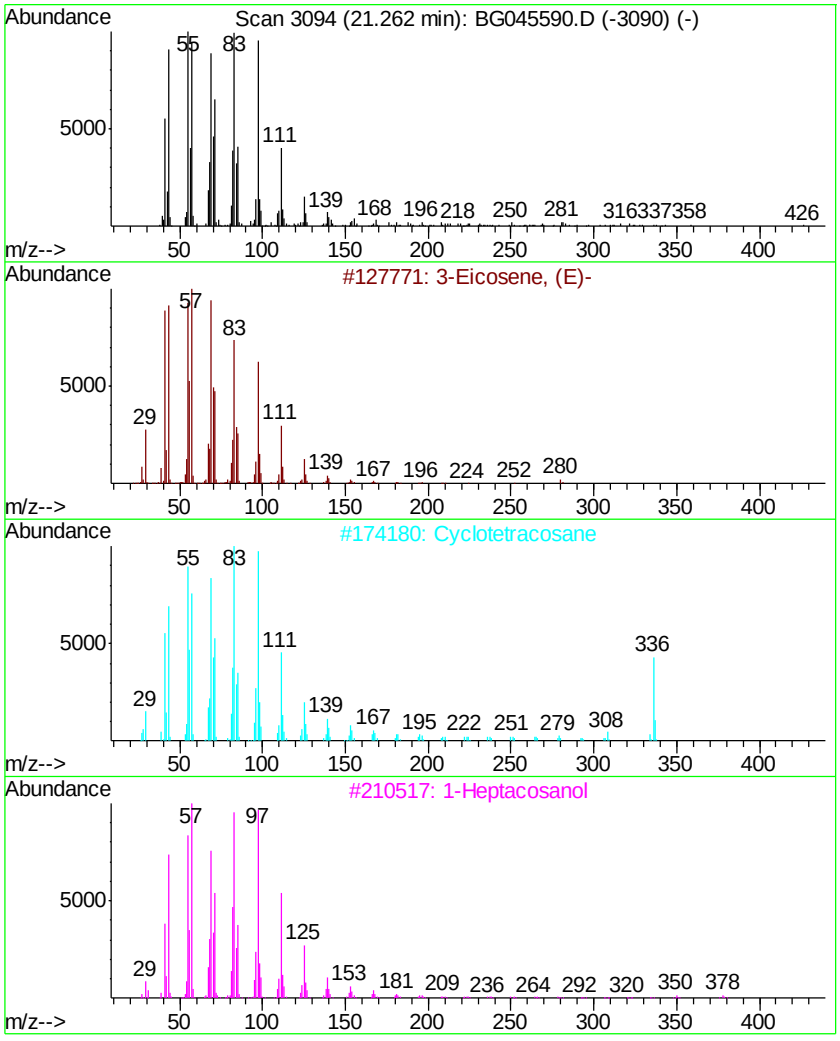
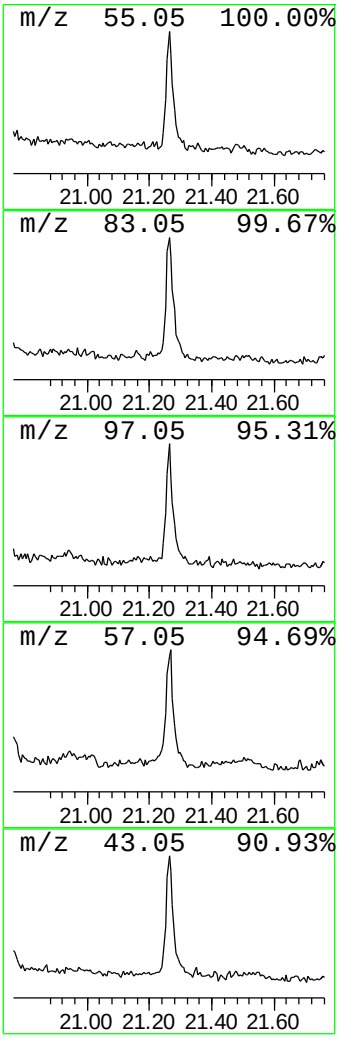
Peak Number 3 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	13.20 ng	557141	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045590.D
Acq On : 3 Jun 2020 21:01
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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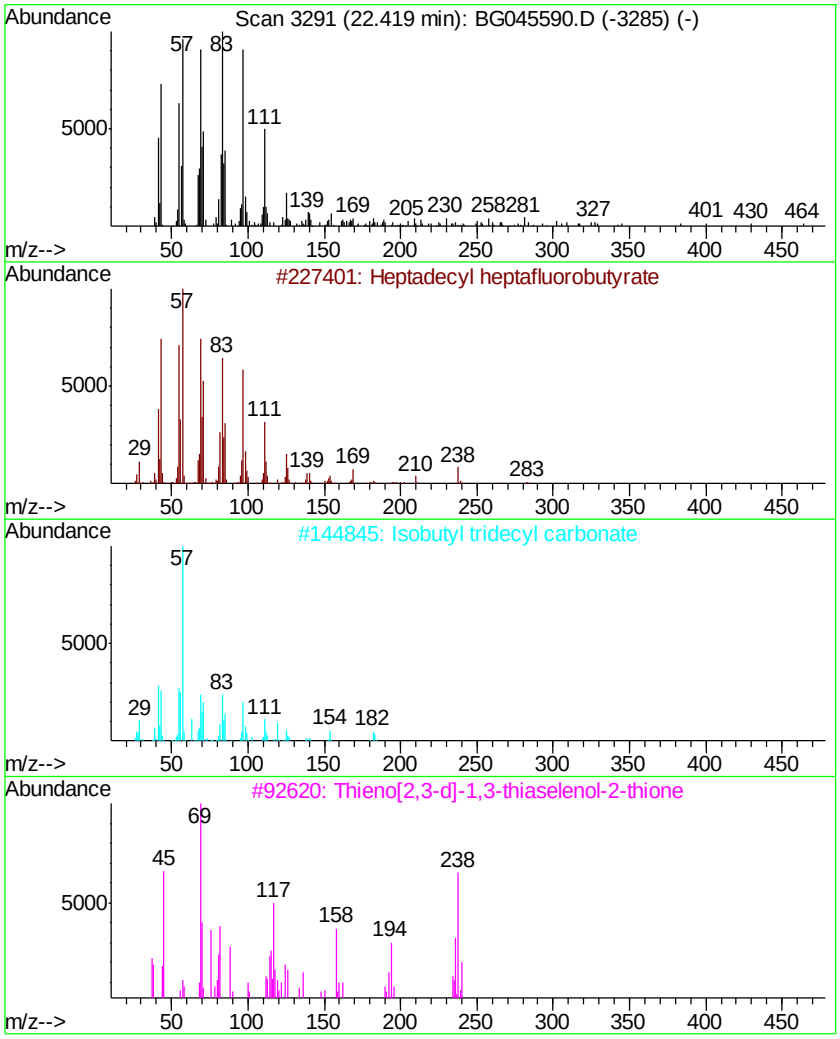
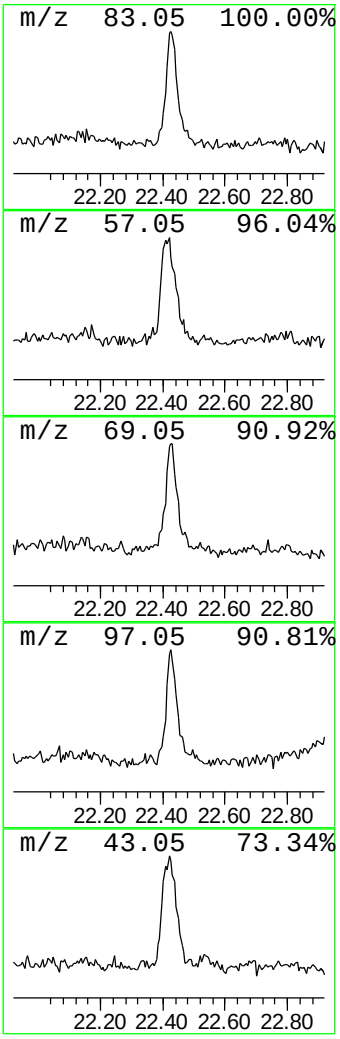
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	10.40 ng	438984	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
2	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	58
3	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	56
4	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	55
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045590.D
Acq On : 3 Jun 2020 21:01
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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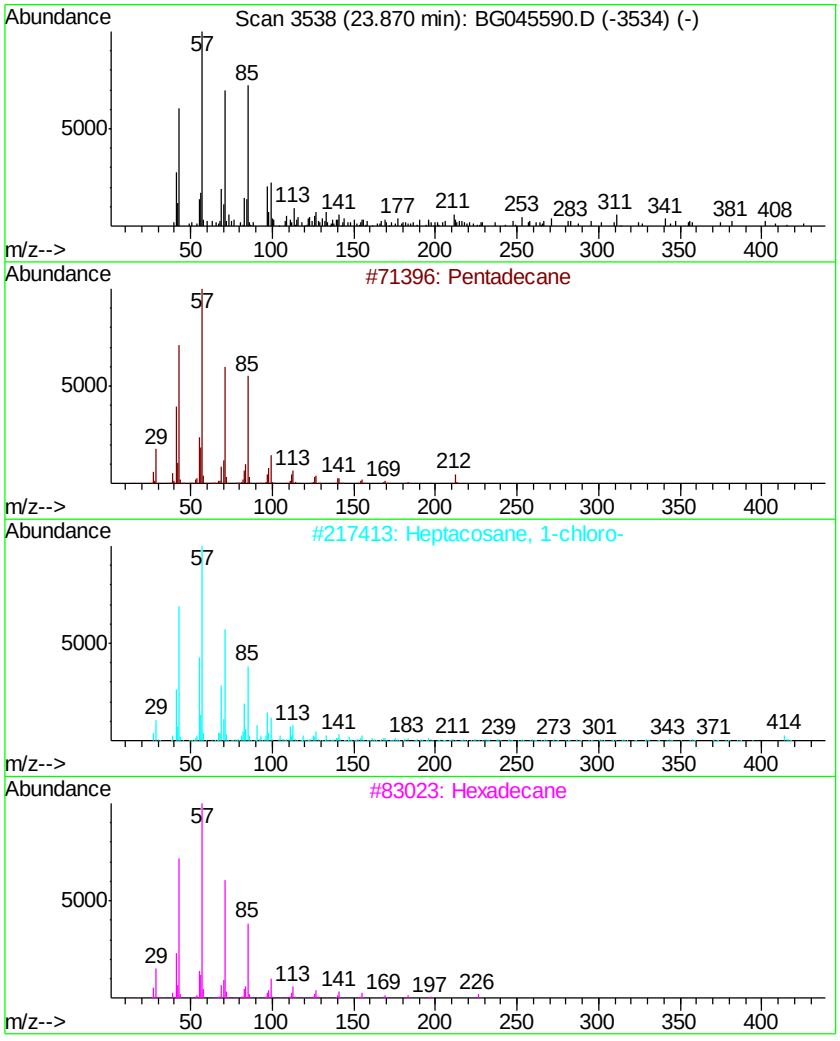
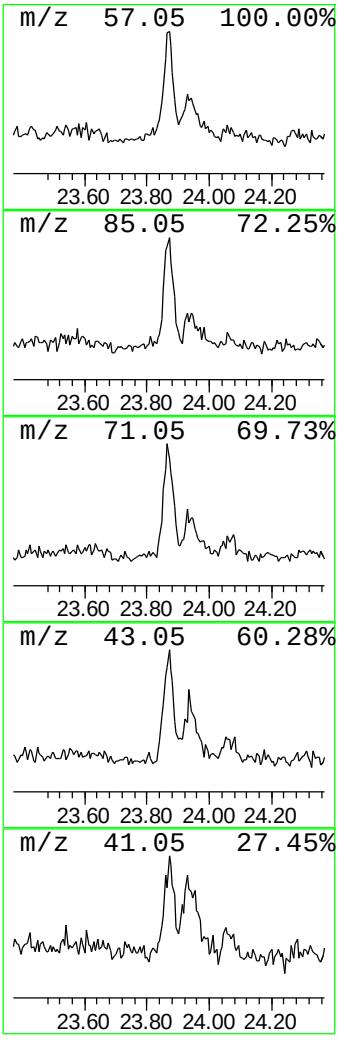
Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	2.53 ng	125730	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	59
3	Hexadecane	226	C16H34	000544-76-3	47
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47
5	Tetratetracontane	619	C44H90	007098-22-8	46





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Acq On : 3 Jun 2020 21:01
Operator : CG/JU
Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

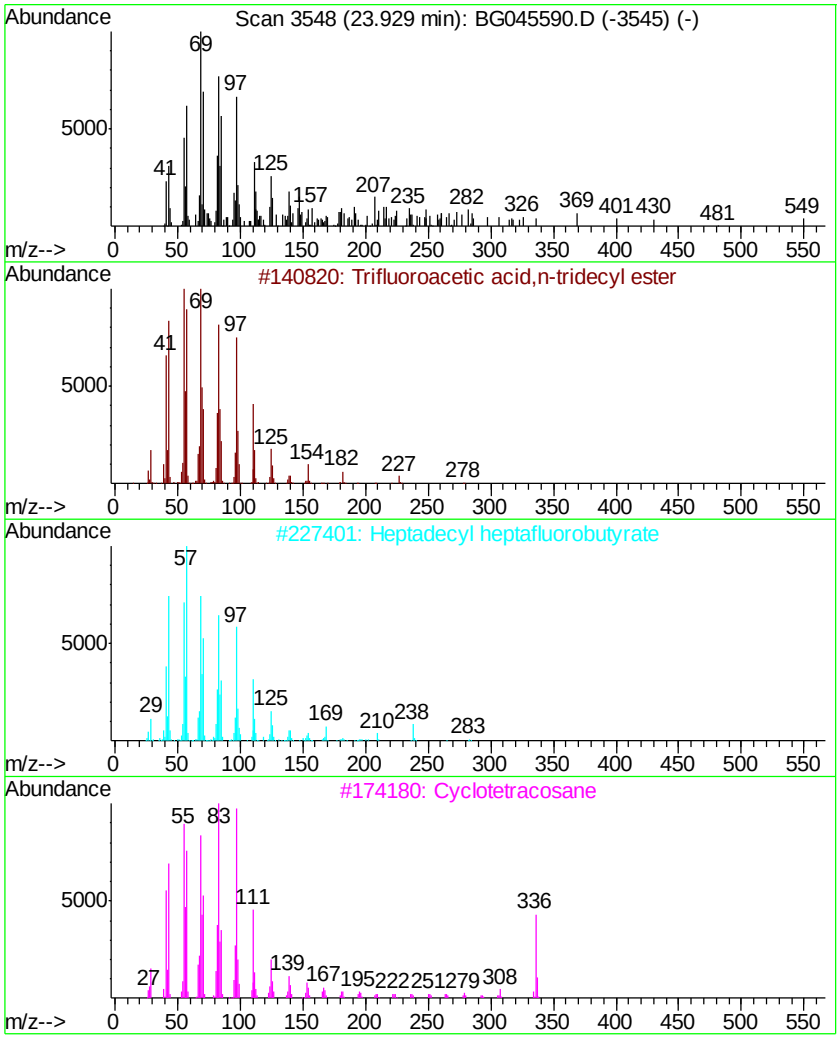
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

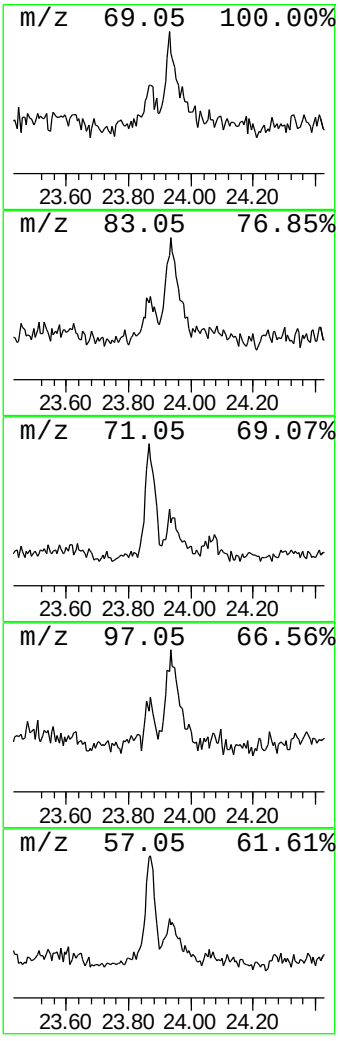
****

Peak Number 6 Trifluoroacetic acid,n-trid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	4.20 ng	208226	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	64
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
3	Cyclotetracosane	336	C24H48	000297-03-0	46
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	43
5	Cyclopentadecane	210	C15H30	000295-48-7	41





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Sample : L2837-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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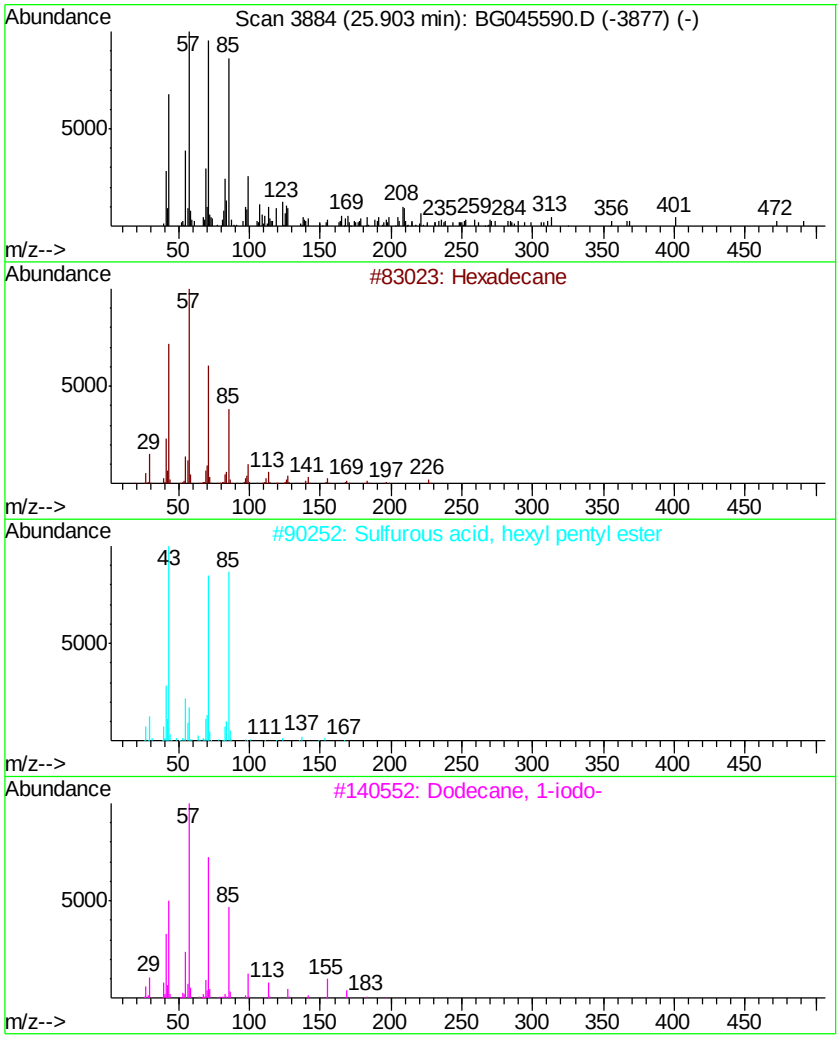
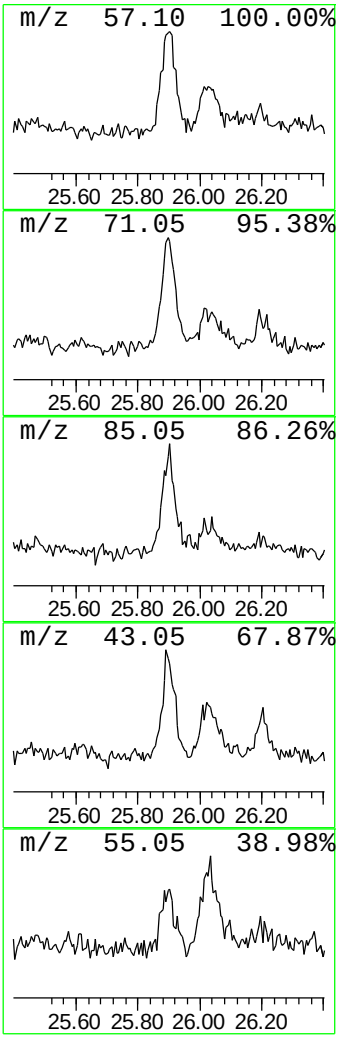
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.90	3.66 ng	181668	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Tritriacontane	465	C33H68	000630-05-7	72
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060320\
Data File : BG045590.D
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Instrument : BNA_G
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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
Hexacosane	17.16	3.8	ng	168515	4	17.34	883757	20.0
3-Eicosene, (E)-	21.26	13.2	ng	557141	5	21.60	844276	20.0
Heptadecyl heptaf...	22.42	10.4	ng	438984	5	21.60	844276	20.0
Pentadecane	23.87	2.5	ng	125730	6	24.76	992202	20.0
Trifluoroacetic a...	23.93	4.2	ng	208226	6	24.76	992202	20.0
Hexadecane	25.90	3.7	ng	181668	6	24.76	992202	20.0