LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

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-BG041520.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	3.189	13	17	26	rVB2	57372	98583	1.65%	0.305%
2	5.585	417	425	434	rBV	954297	1618672	27.08%	5.009%
3	7.177	688	696	705	rBV	1145092	1988069	33.27%	6.152%
4	8.011	827	838	845	rBV	248976	433787	7.26%	1.342%
5	8.340	886	894	904	rBV	939982	1696314	28.38%	5.249%
6	9.169	1026	1035	1045	rBV	835283	1545787	25.87%	4.783%
7	10.819	1309	1316	1323	rBV	355272	669735	11.21%	2.072%
8	13.275	1724	1734	1741	rBV	2670498	4334248	72.52%	13.412%
9	14.097	1867	1874	1881	rBV	483224	728667	12.19%	2.255%
10	14.650	1960	1968	1975	rBV	667301	1064141	17.81%	3.293%
11	15.695	2141	2146	2154	rBV	39300	63209	1.06%	0.196%
12	16.142	2213	2222	2229	rBV	2315205	3747837	62.71%	11.598%
13	17.399	2428	2436	2440	rBV	860437	1375027	23.01%	4.255%
14	17.434	2440	2442	2449	rVV	158341	223078	3.73%	0.690%
15	18.321	2589	2593	2599	rVB	45491	71897	1.20%	0.222%
16	18.468	2612	2618	2622	rBV3	65591	127795	2.14%	0.395%
17	19.443	2779	2784	2791	rBV	203070	286639	4.80%	0.887%
18	19.807	2835	2846	2852	rBV	176794	319662	5.35%	0.989%
19	20.007	2873	2880	2888	rBV	4422342	5976302	100.00%	18.494%
20	20.295	2925	2929	2939	rVB	43250	75345	1.26%	0.233%
21	21.317	3098	3103	3112	rVB3	172503	287905	4.82%	0.891%
22	21.658	3152	3161	3166	rBV2	741763	1354321	22.66%	4.191%
23	21.705	3167	3169	3180	rVB2	64941	94592	1.58%	0.293%
24	21.869	3192	3197	3203	rBV2	111117	166505	2.79%	0.515%
25	22.480	3295	3301	3306	rBV	191242	315725	5.28%	0.977%
26	23.167	3411	3418	3425	rVB2	247090	473105	7.92%	1.464%
27	23.972	3548	3555	3563	rVB	261331	522554	8.74%	1.617%
28	24.689	3671	3677	3685	rVB4	33156	83196	1.39%	0.257%
29	24.842	3693	3703	3710	rBV	451496	1295605	21.68%	4.009%
30	24.918	3710	3716	3725	rVB3	202380	528927	8.85%	1.637%
31	26.034	3897	3906	3918	rVB3	150773	467570	7.82%	1.447%
32	27.385	4124	4136	4147	rBV4	76707	280827	4.70%	0.869%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 32315626

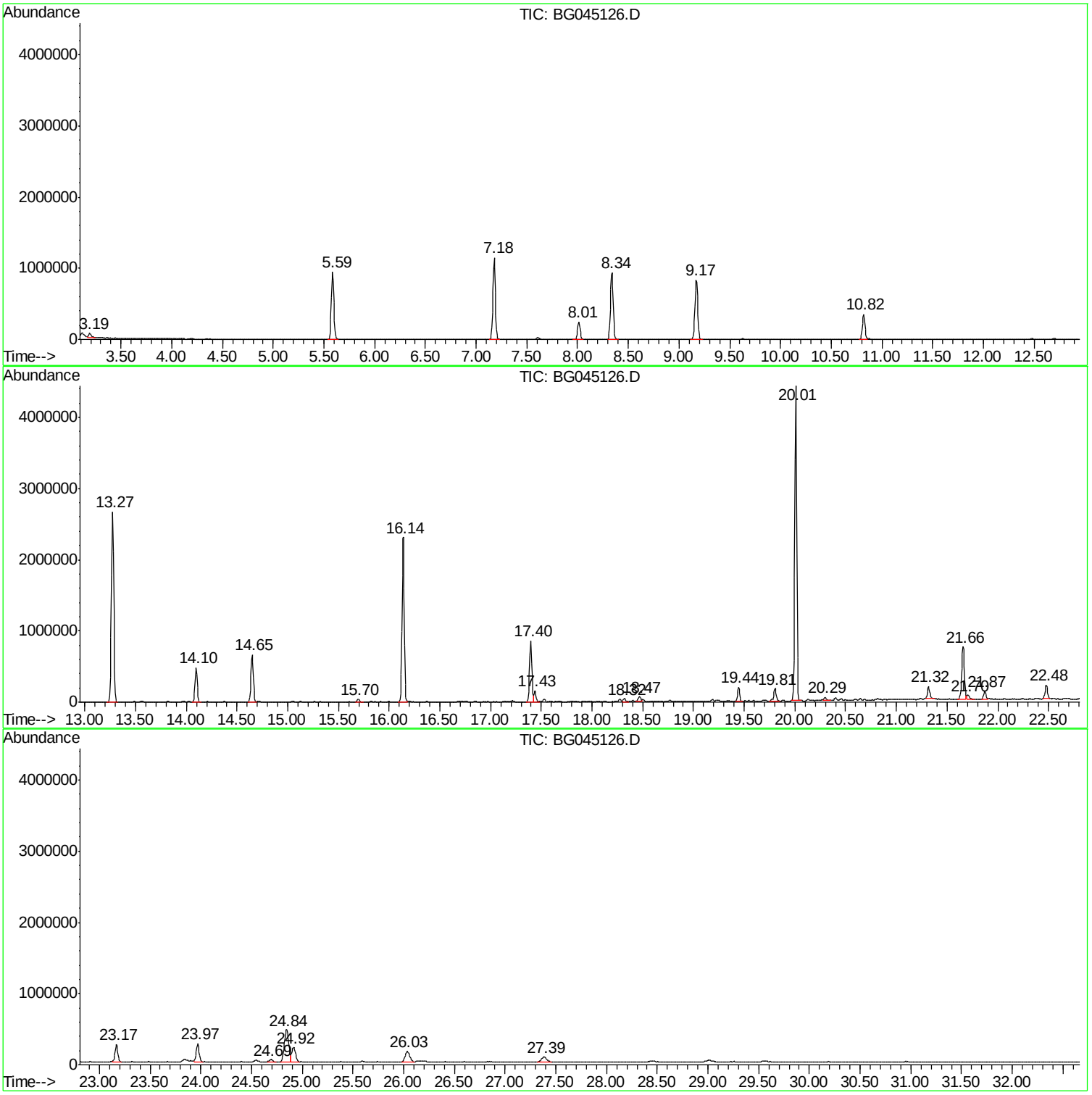
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

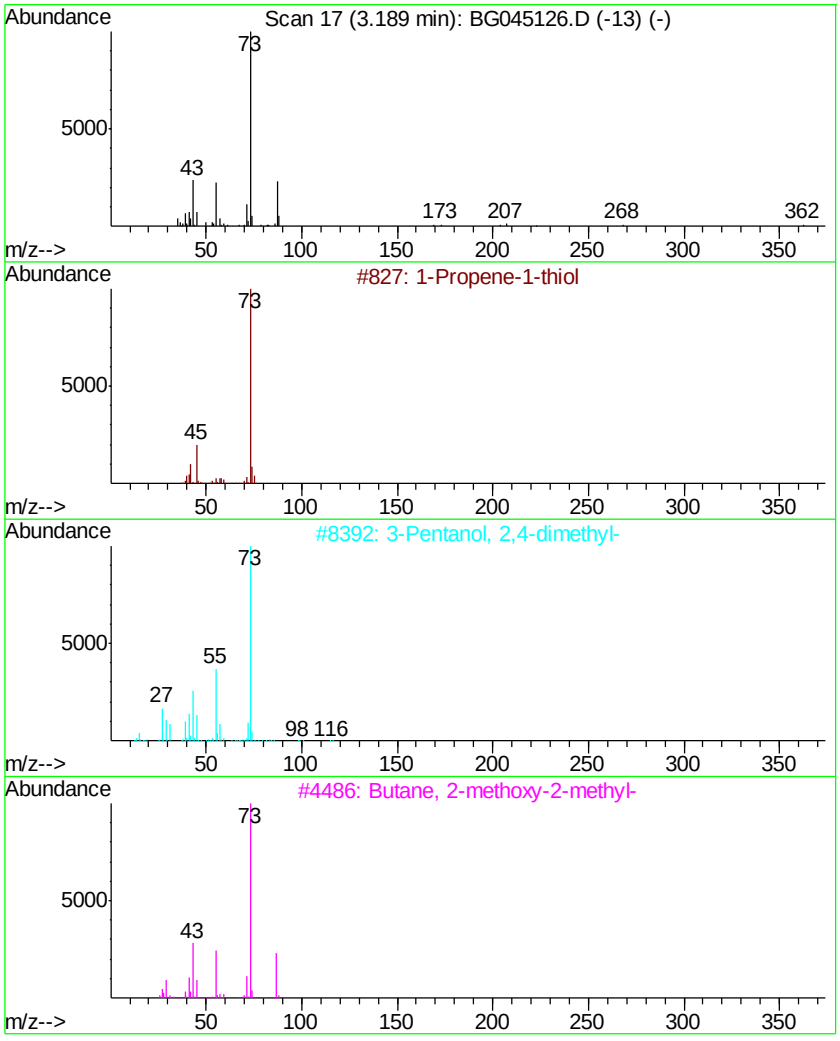
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

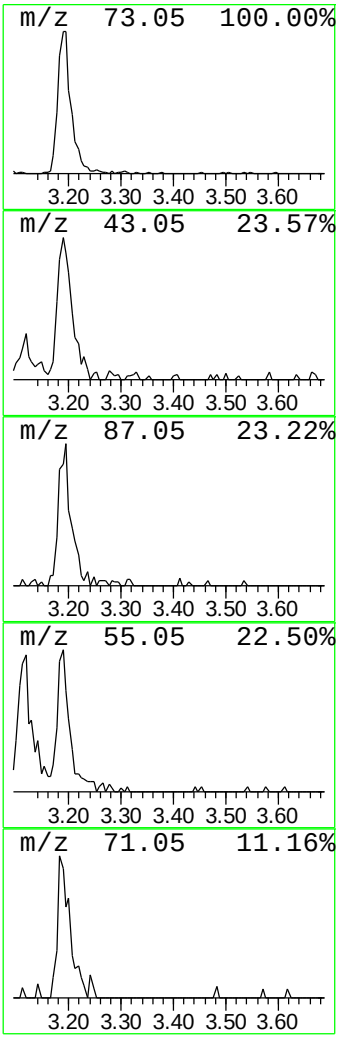
****

Peak Number 1 unknown3.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	4.55 ng	98583	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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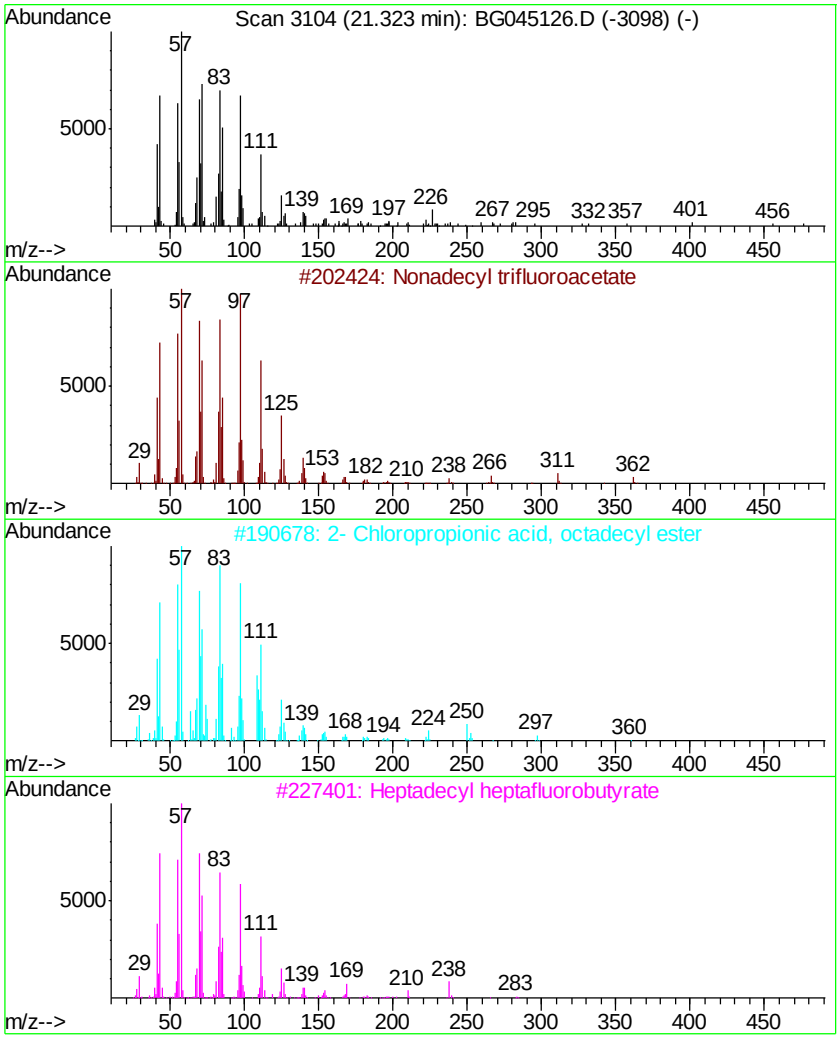
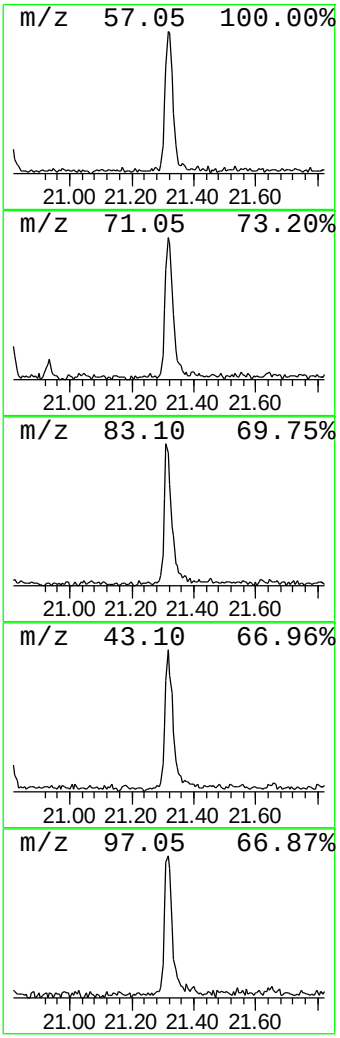
Peak Number 3 Nonadecyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.25 ng	287905	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
4	Cyclooctacosane	392	C28H56	000297-24-5	81
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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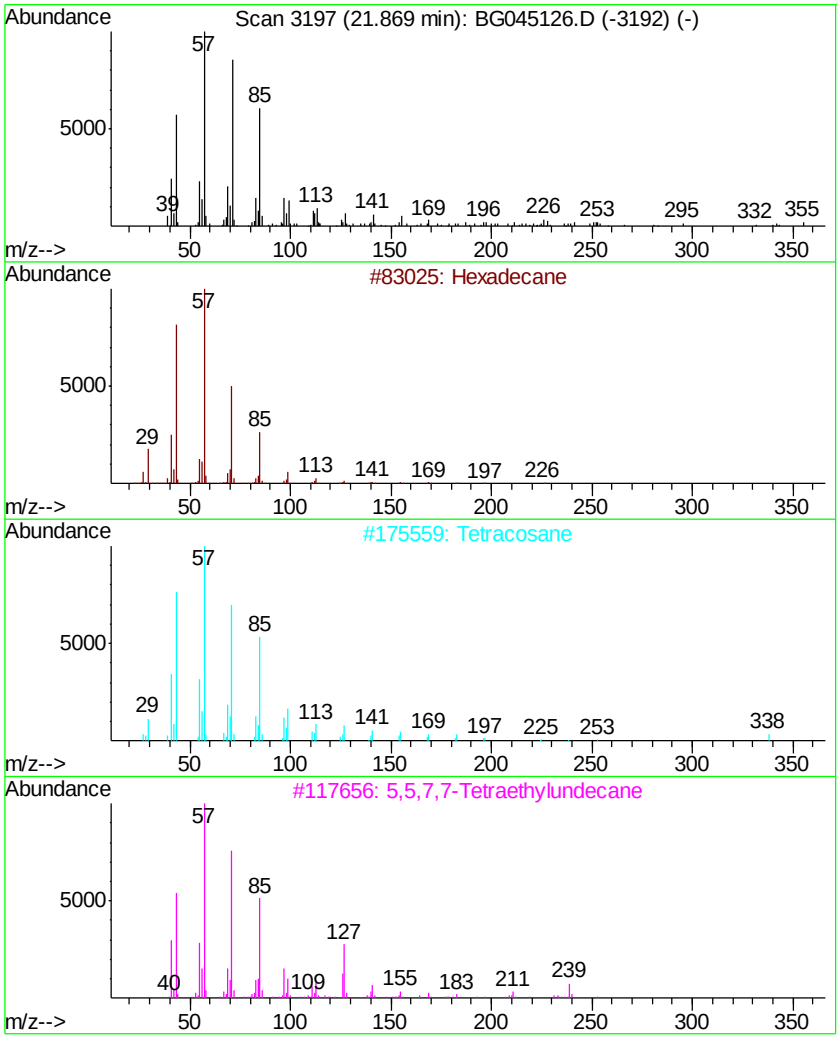
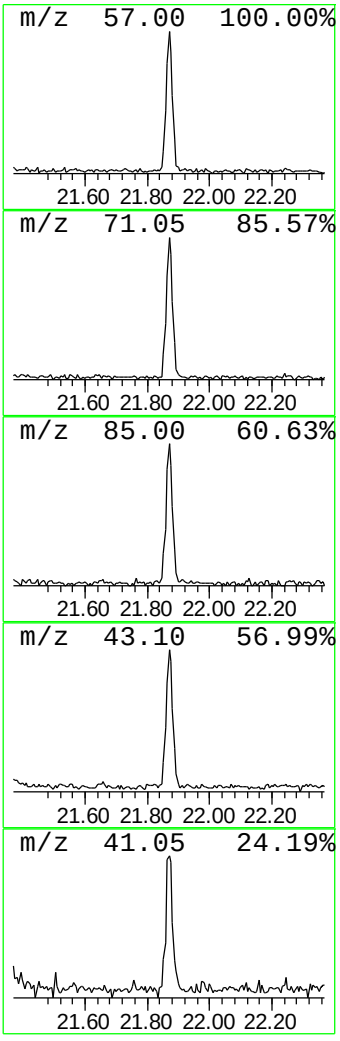
Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.46 ng	166505	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	90
3	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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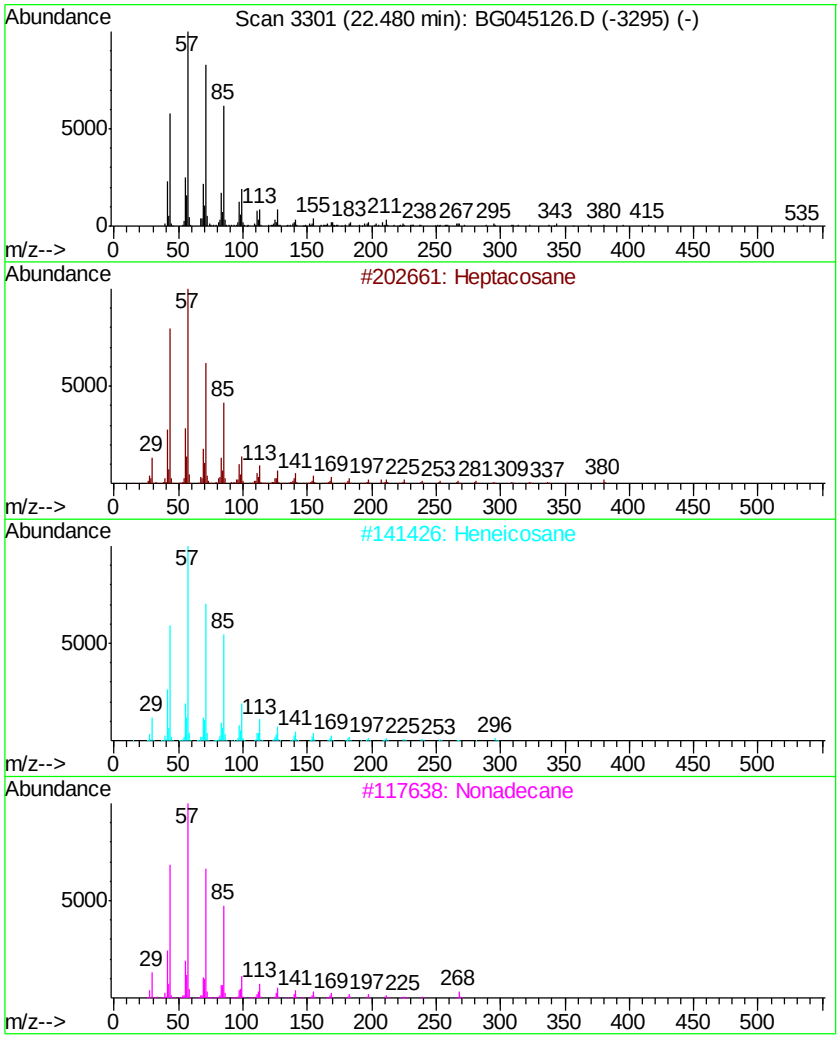
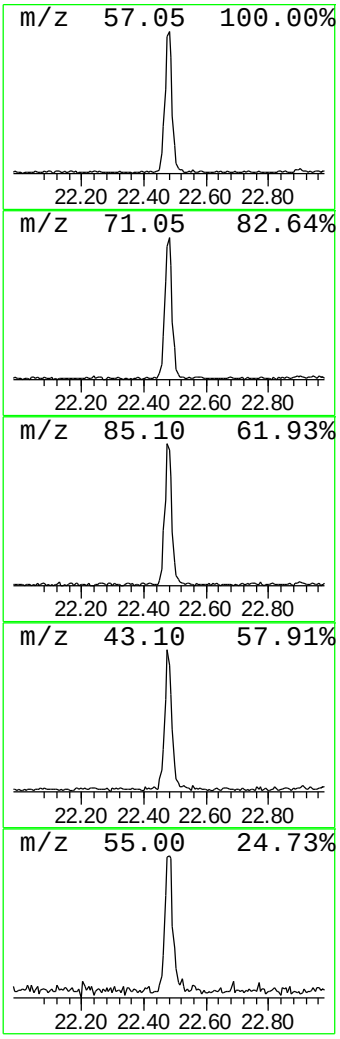
Peak Number 5 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	4.66 ng	315725	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Nonadecane	268	C19H40	000629-92-5	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

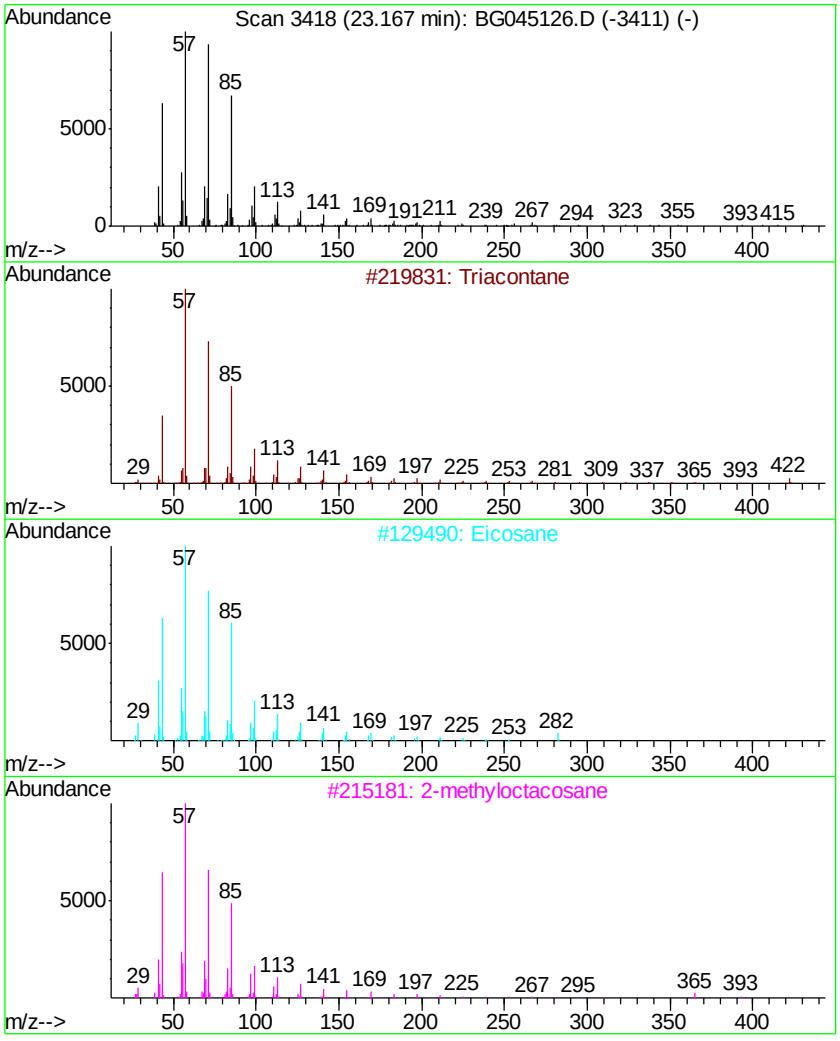
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

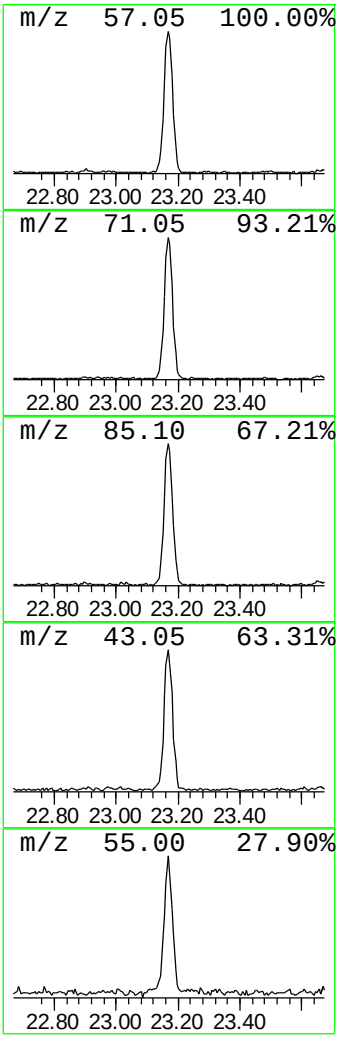
****

Peak Number 6 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	6.99 ng	473105	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Eicosane	282	C20H42	000112-95-8	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

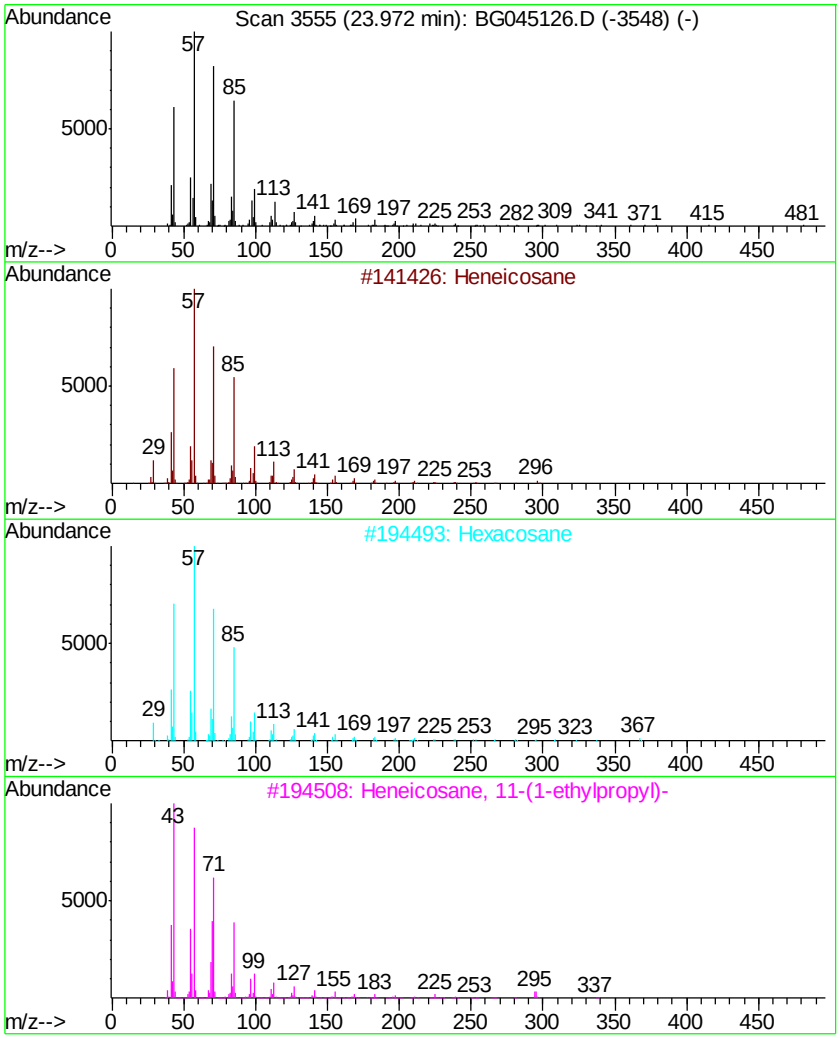
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

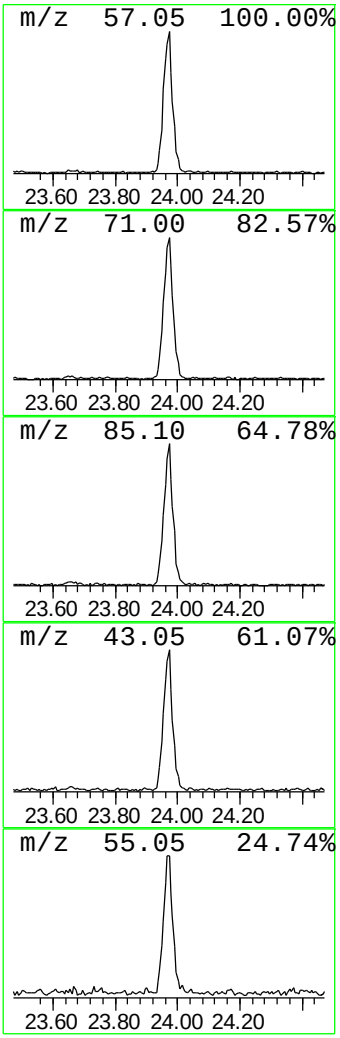
****

Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	8.07 ng	522554	Perylene-d12	24.85

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	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

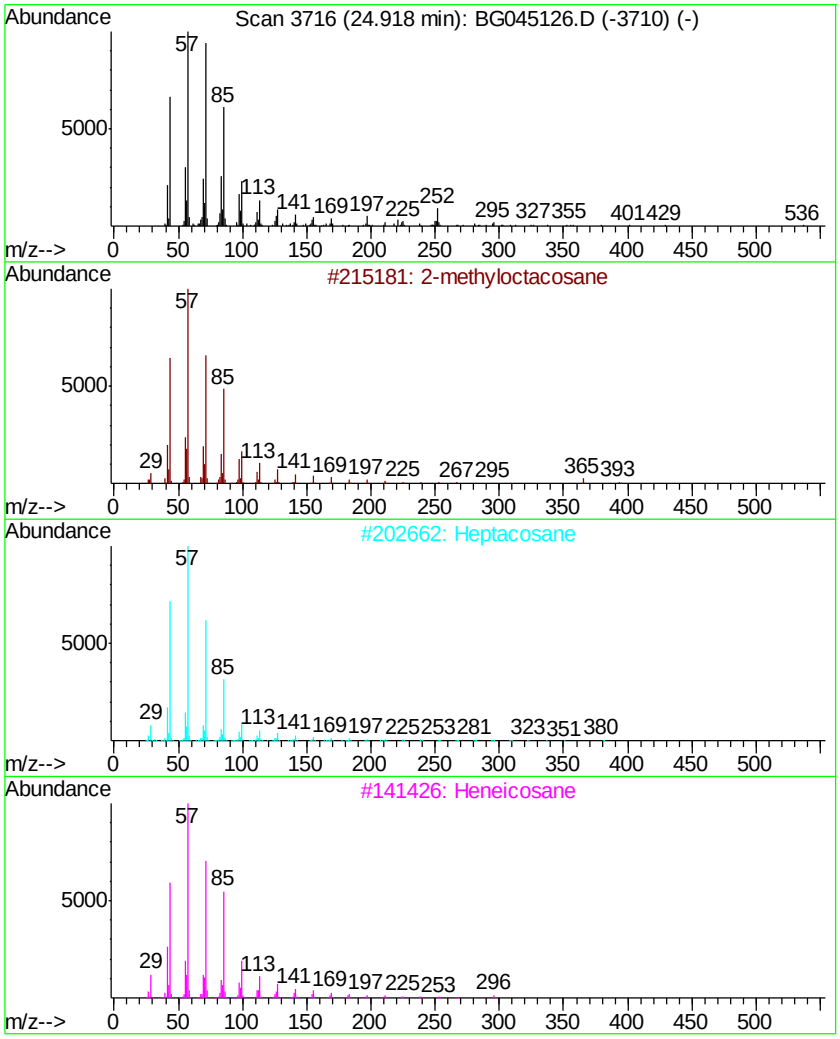
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

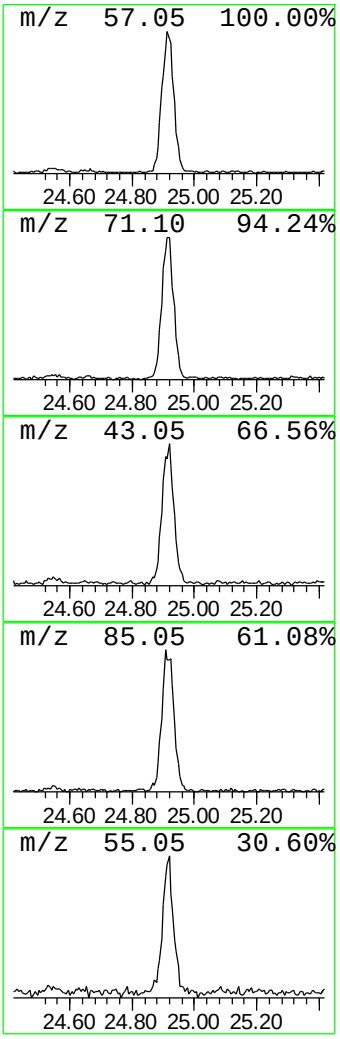
****

Peak Number 8 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	8.16 ng	528927	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heneicosane	296	C21H44	000629-94-7	81
4	Triacontane	422	C30H62	000638-68-6	81
5	Heptadecane	240	C17H36	000629-78-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

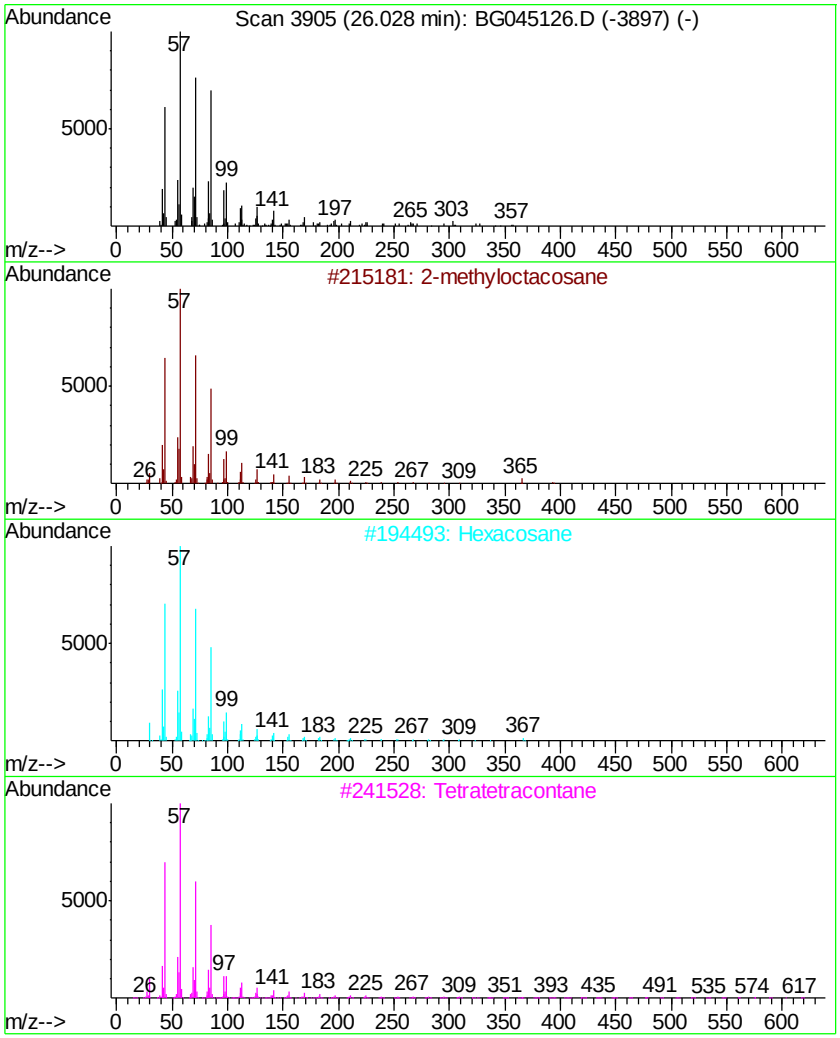
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

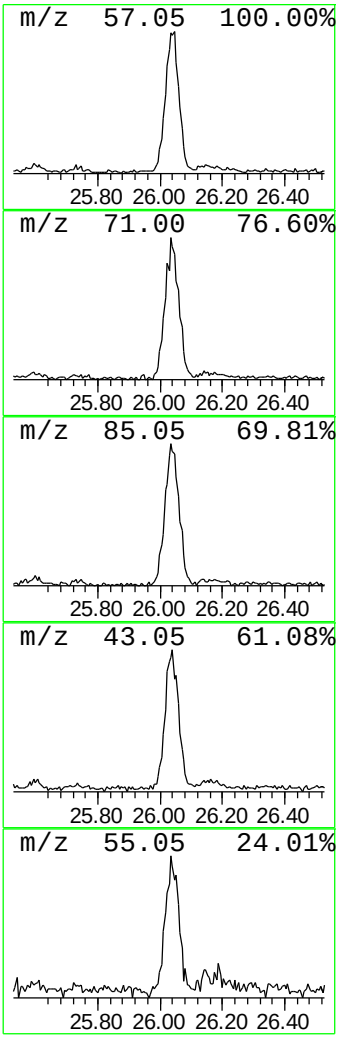
****

Peak Number 9 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	7.22 ng	467570	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
5	Octacosane	394	C28H58	000630-02-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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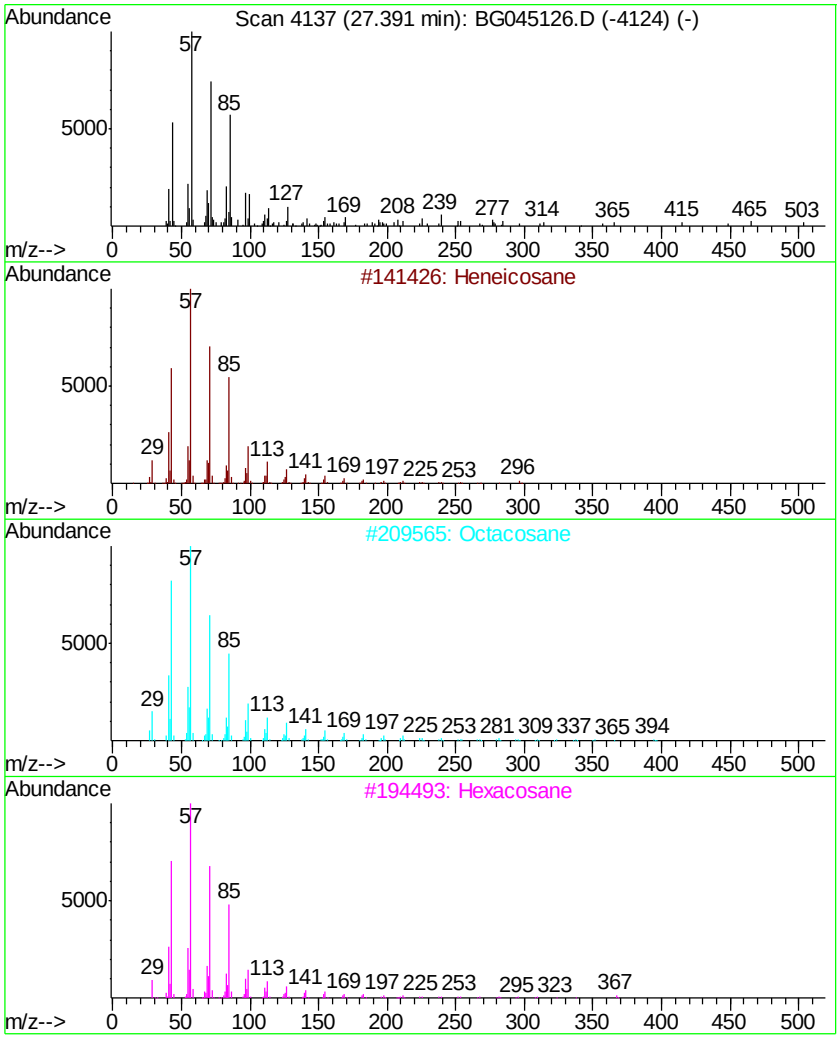
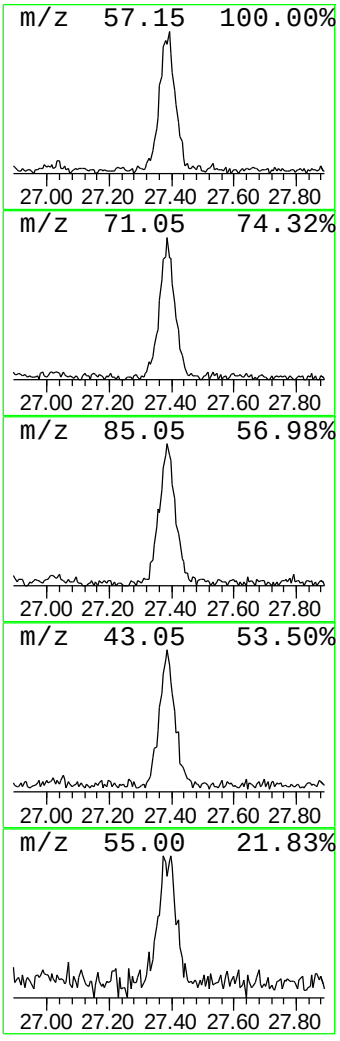
Peak Number 10 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.39	4.34 ng	280827	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042220\
Data File : BG045126.D
Acq On : 22 Apr 2020 14:50
Operator : CG/JU
Sample : L2356-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
unknown3.19	3.19	4.5	ng	98583	1	8.01	433787	20.0
Nonadecyl trifluo...	21.32	4.3	ng	287905	5	21.66	1354320	20.0
Hexadecane	21.87	2.5	ng	166505	5	21.66	1354320	20.0
Heptacosane	22.48	4.7	ng	315725	5	21.66	1354320	20.0
Triacontane	23.17	7.0	ng	473105	5	21.66	1354320	20.0
Heneicosane	23.97	8.1	ng	522554	6	24.85	1295610	20.0
2-methyloctacosane	24.92	8.2	ng	528927	6	24.85	1295610	20.0
Tetratetracontane	26.03	7.2	ng	467570	6	24.85	1295610	20.0
Octacosane	27.39	4.3	ng	280827	6	24.85	1295610	20.0