LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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	5.455	396	403	417	rBV	388520	659163	18.16%	3.501%
2	7.053	668	675	692	rBV	282643	525998	14.49%	2.793%
3	7.882	806	816	824	rBV	176115	310487	8.55%	1.649%
4	8.205	863	871	880	rBV	678786	1190175	32.78%	6.321%
5	9.033	1004	1012	1026	rBV	494326	945841	26.05%	5.023%
6	10.679	1285	1292	1307	rBV	223699	435387	11.99%	2.312%
7	13.140	1704	1711	1723	rBV	1466204	2338916	64.43%	12.421%
8	13.975	1848	1853	1861	rBV	66826	102739	2.83%	0.546%
9	14.521	1939	1946	1959	rBV2	415416	662331	18.24%	3.517%
10	16.008	2193	2199	2217	rBV	1223714	1927704	53.10%	10.237%
11	17.265	2407	2413	2425	rBV	569101	883553	24.34%	4.692%
12	19.885	2852	2859	2873	rBV	2645944	3630315	100.00%	19.279%
13	20.690	2990	2996	3000	rBV2	31038	48094	1.32%	0.255%
14	21.178	3074	3079	3087	rBV4	254426	467258	12.87%	2.481%
15	21.243	3087	3090	3102	rVB	52908	102090	2.81%	0.542%
16	21.507	3128	3135	3144	rBV	633483	1033229	28.46%	5.487%
17	21.713	3164	3170	3178	rBV	119774	179012	4.93%	0.951%
18	22.294	3263	3269	3282	rBV	180926	312326	8.60%	1.659%
19	22.923	3369	3376	3378	rBV2	173197	300359	8.27%	1.595%
20	22.952	3378	3381	3394	rVB	231487	421033	11.60%	2.236%
21	23.722	3505	3512	3520	rBV	204289	418143	11.52%	2.221%
22	24.580	3648	3658	3676	rBV3	391106	1472080	40.55%	7.818%
23	25.690	3837	3847	3857	rBV3	106883	314170	8.65%	1.668%
24	26.965	4056	4064	4075	rVB3	46539	149907	4.13%	0.796%

Sum of corrected areas: 18830310

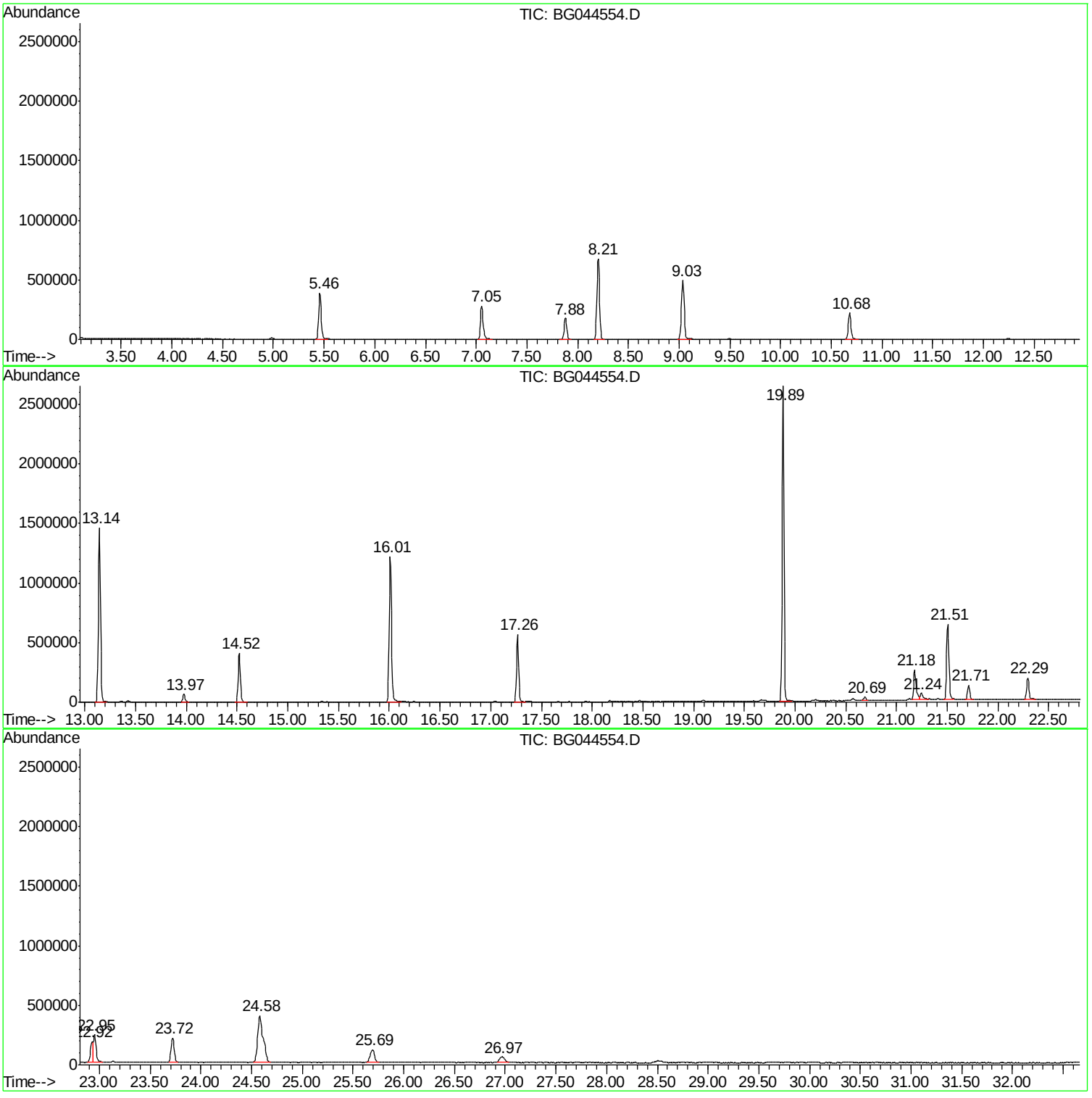
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

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\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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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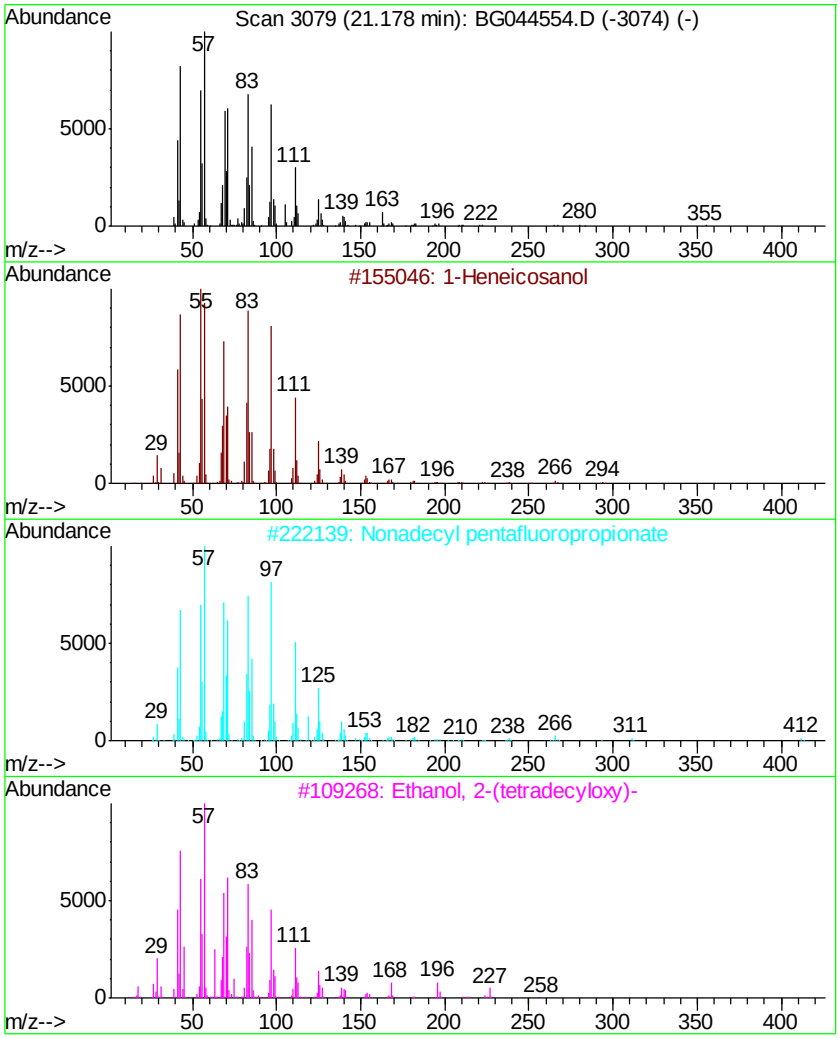
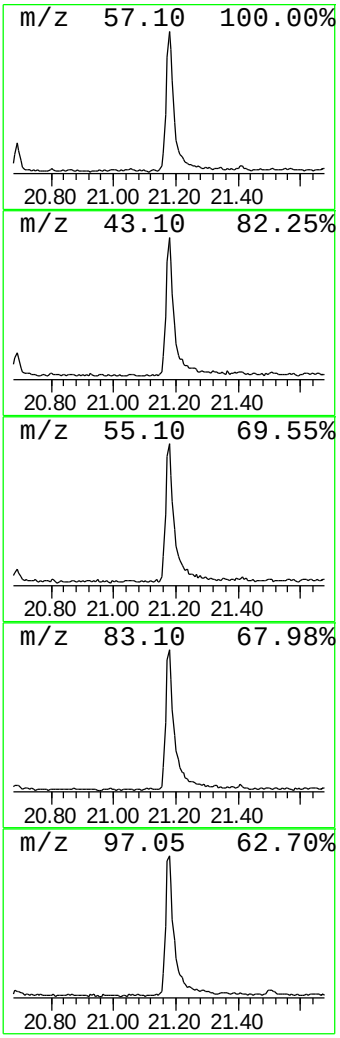
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	9.04 ng	467258	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

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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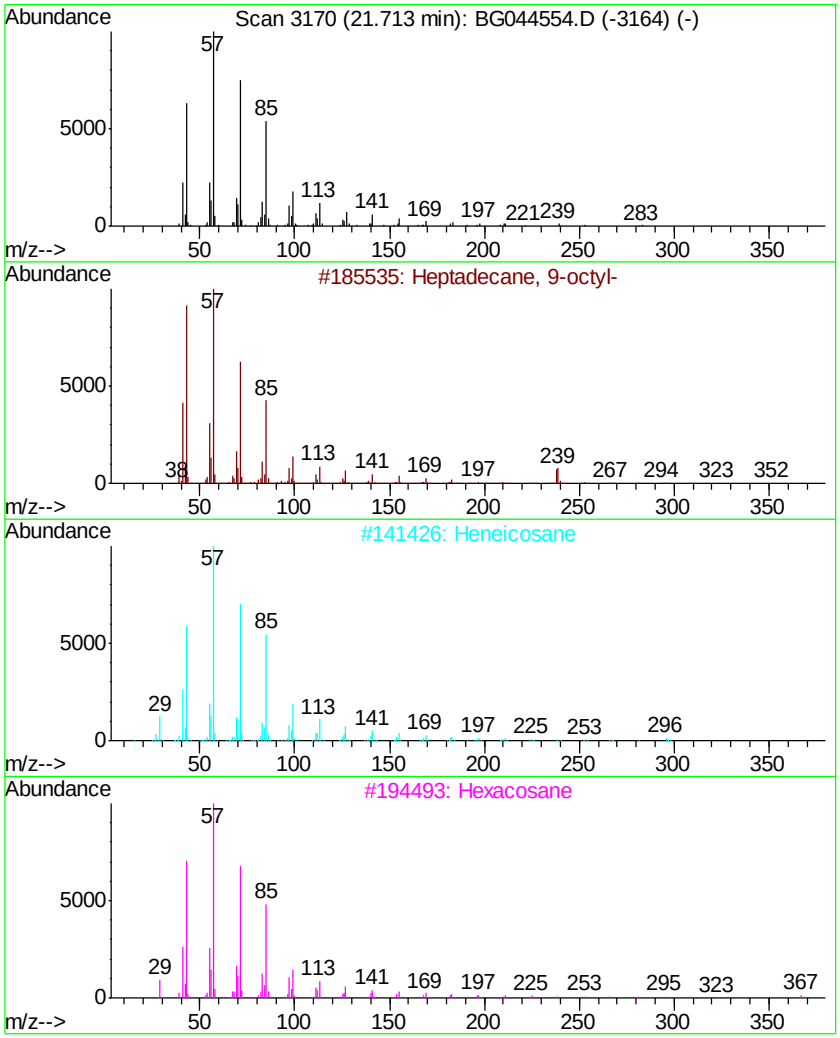
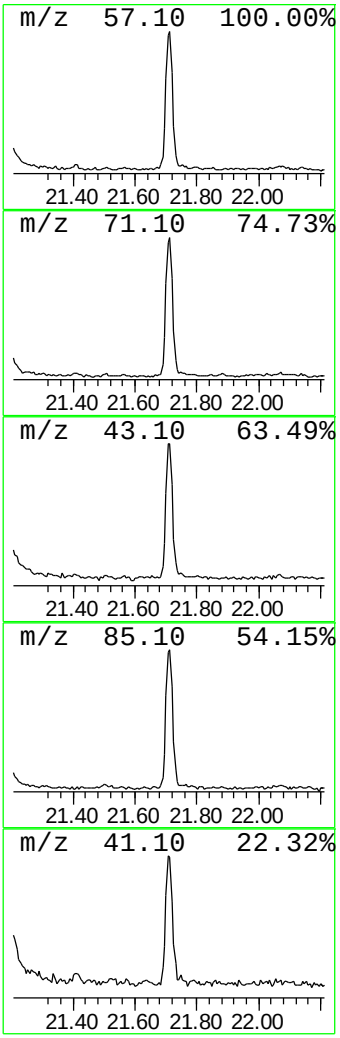
Peak Number 3 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	3.47 ng	179012	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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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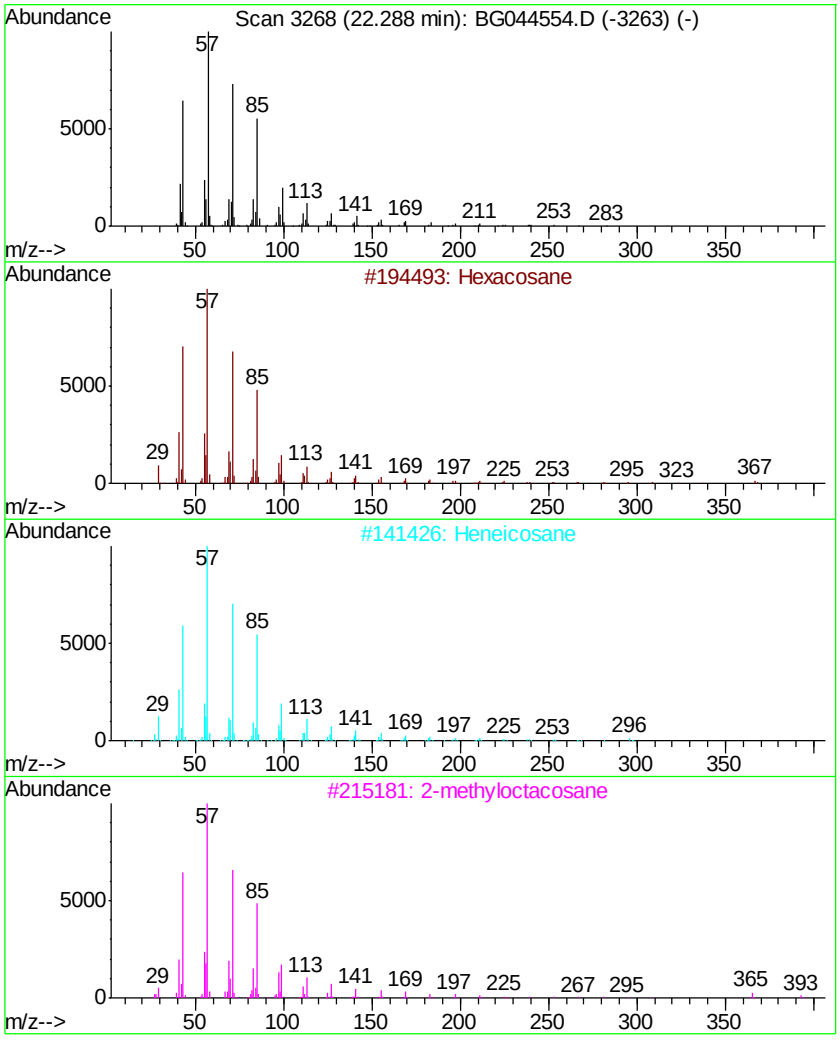
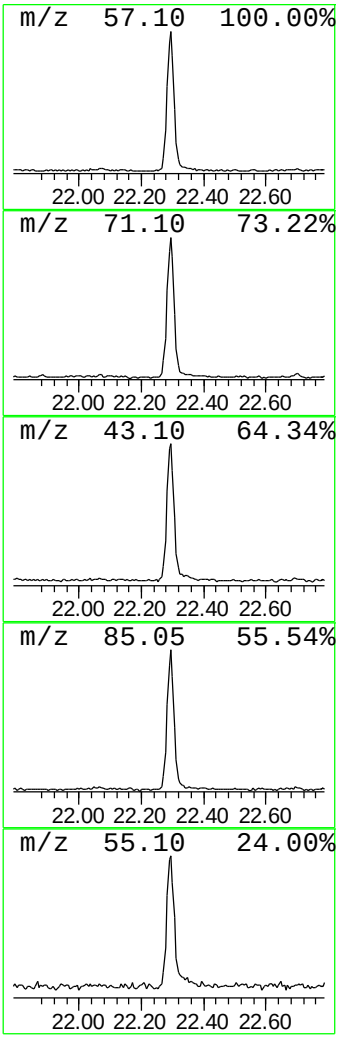
Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	6.05 ng	312326	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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

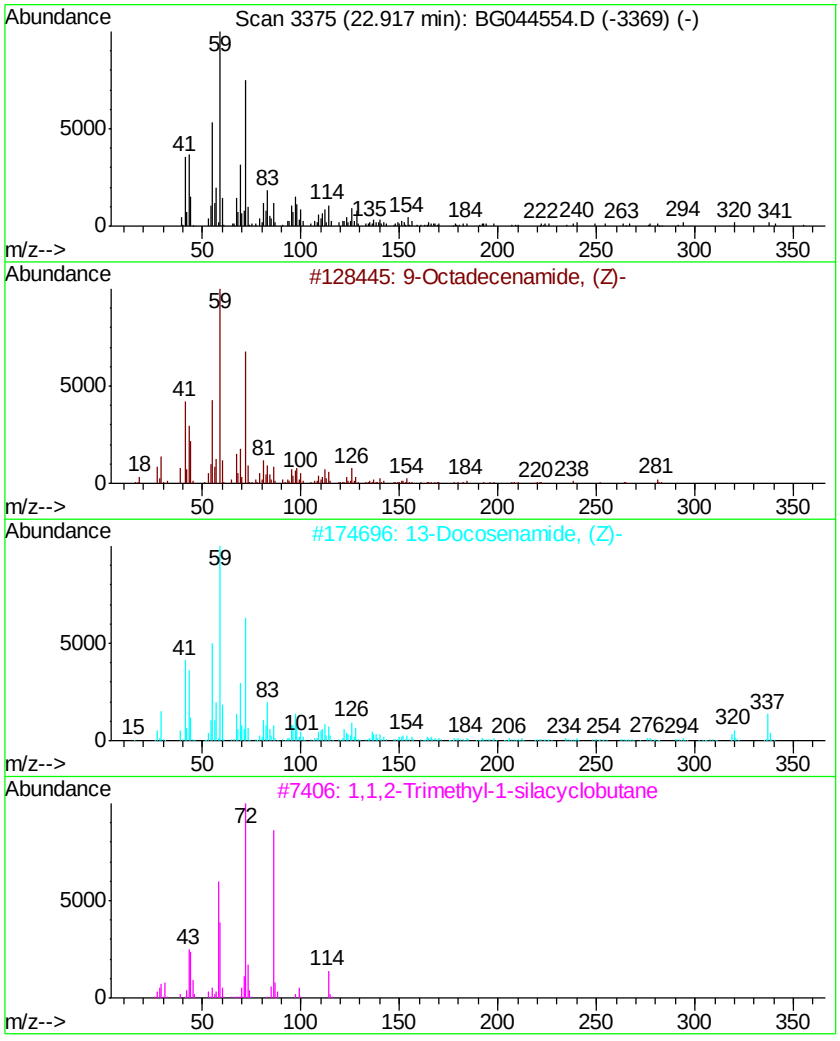
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

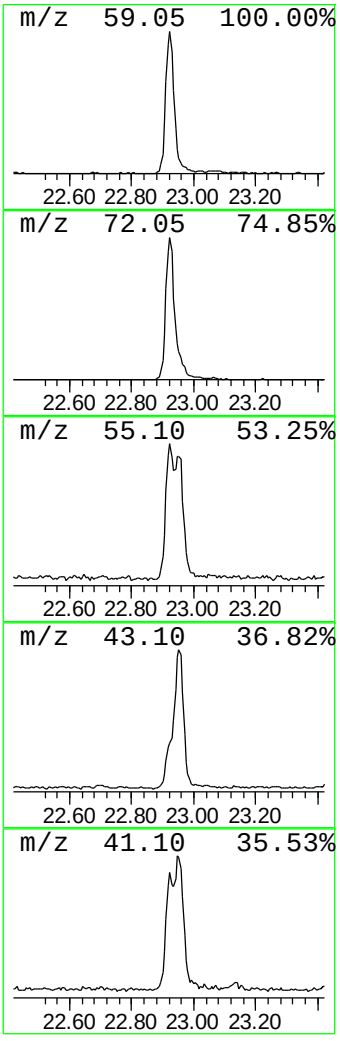
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	5.81 ng	300359	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
3	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	35
4	Dodecanamide	199	C12H25NO	001120-16-7	35
5	3-Dodecanone	184	C12H24O	001534-27-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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

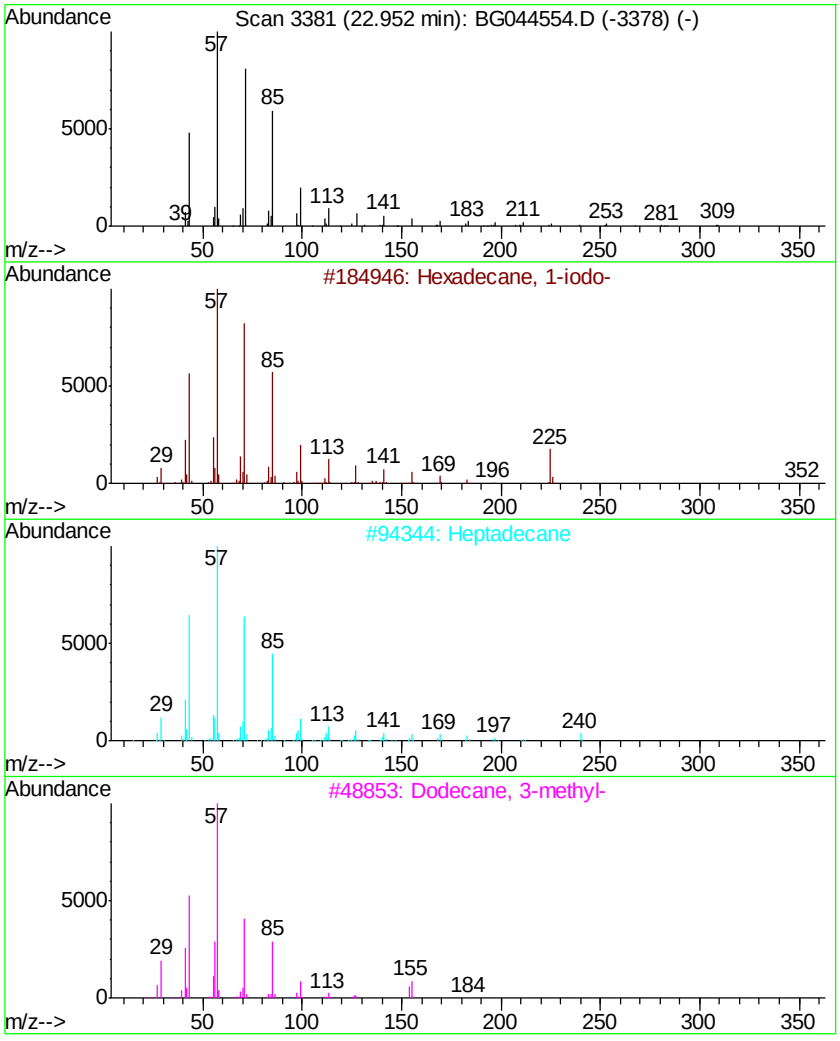
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

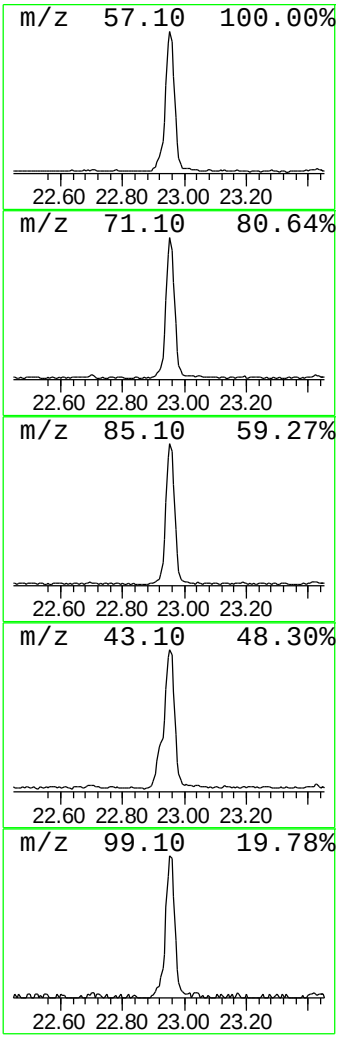
****

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	8.15 ng	421033	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
2	Heptadecane	240	C17H36	000629-78-7	78
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Heptacosane	380	C27H56	000593-49-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

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

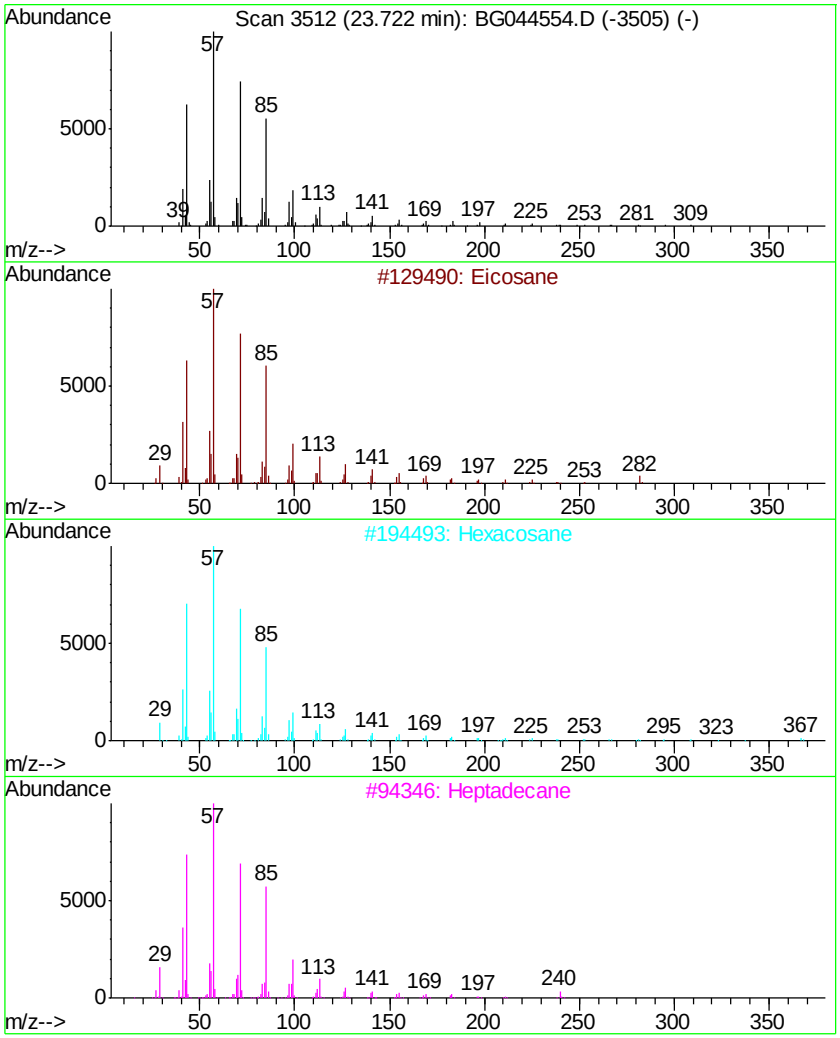
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

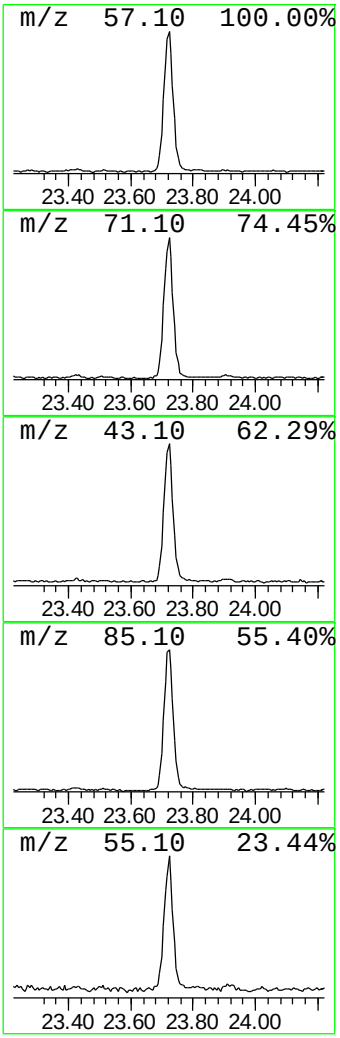
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	5.68 ng	418143	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

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Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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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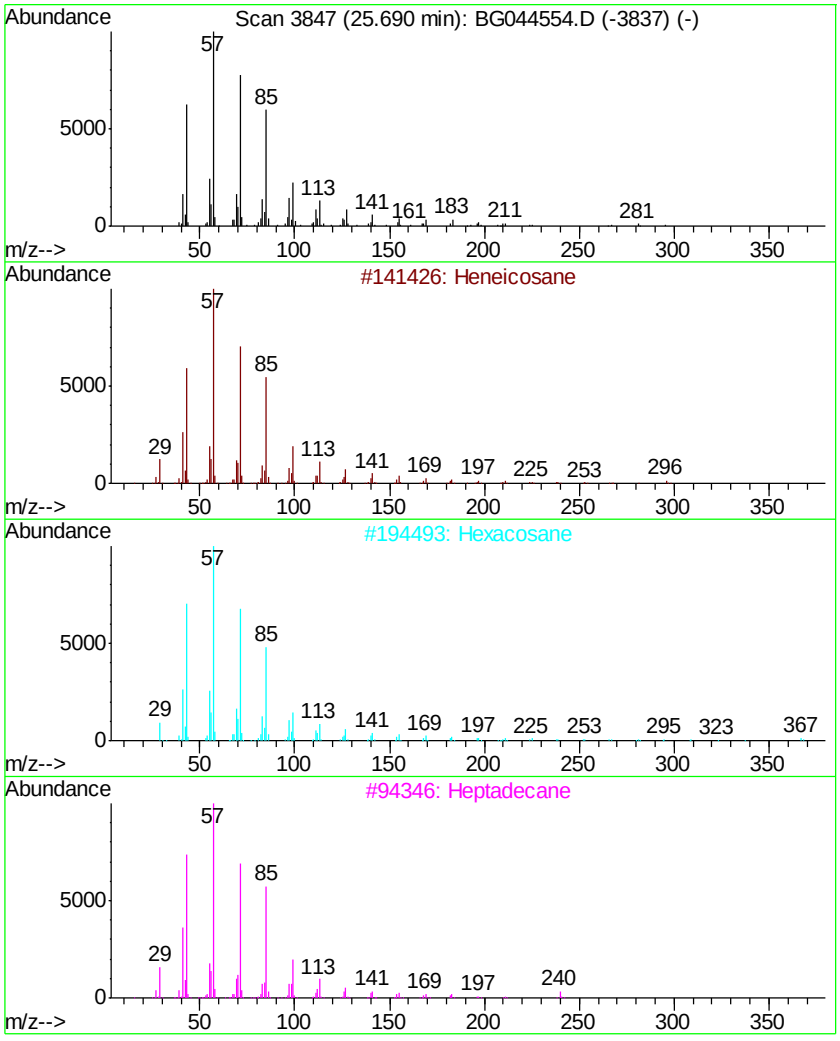
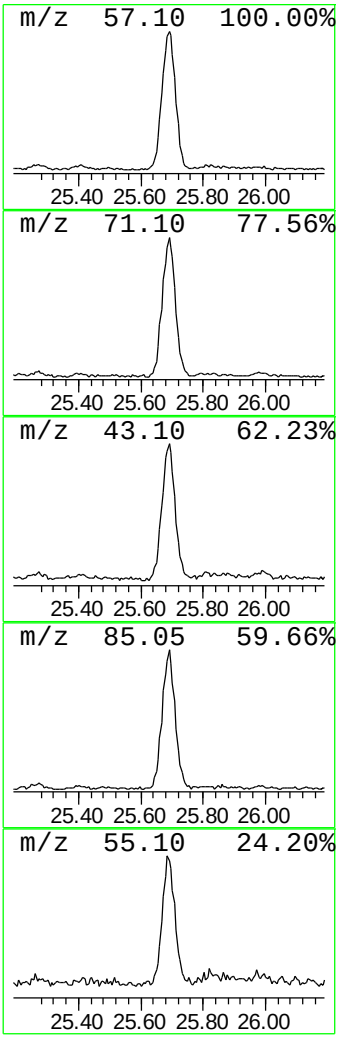
Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	4.27 ng	314170	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Eicosane	282	C20H42	000112-95-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

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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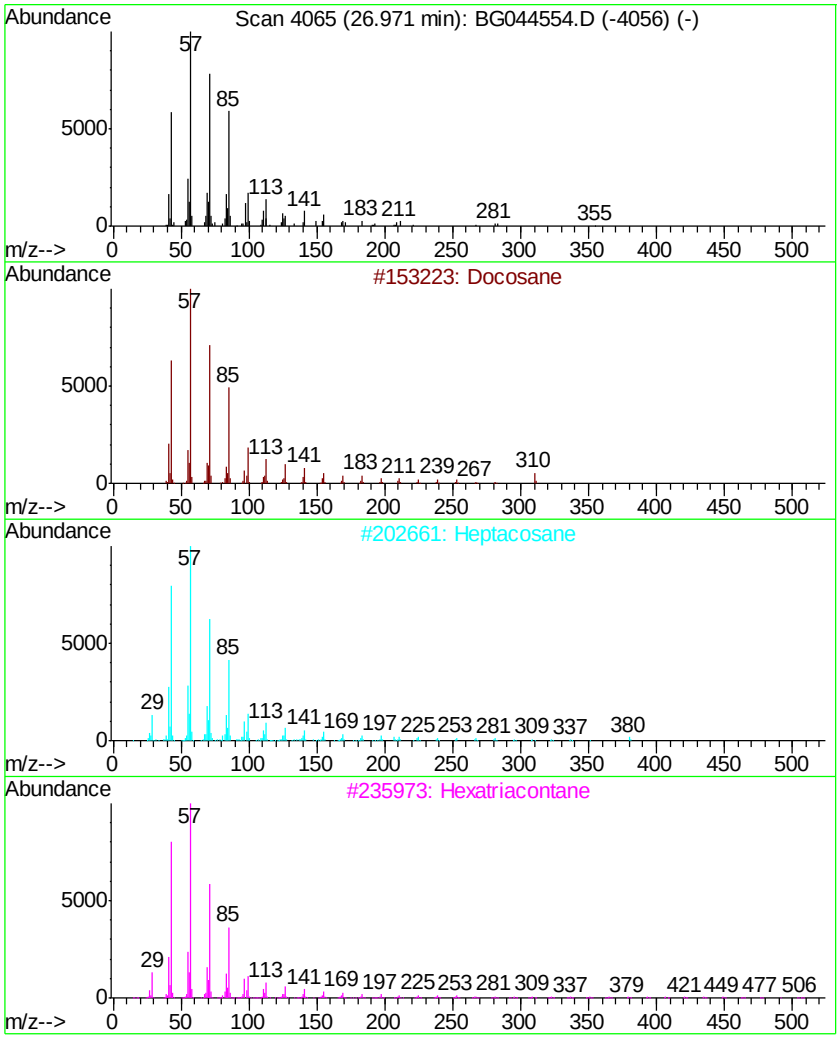
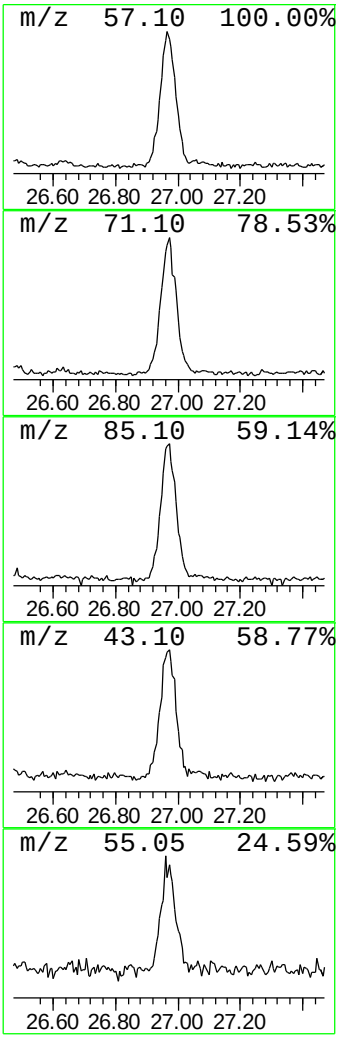
Peak Number 9 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.97	2.04 ng	149907	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022120\
Data File : BG044554.D
Acq On : 21 Feb 2020 18:16
Operator : CG/JU
Sample : L1586-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0173-COMP-BT-A-MOD-ELUTRIATE

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
1-Heneicosanol	21.18	9.0	ng	467258	5	21.51	1033230	20.0
Heptadecane, 9-oc...	21.71	3.5	ng	179012	5	21.51	1033230	20.0
Hexacosane	22.29	6.0	ng	312326	5	21.51	1033230	20.0
9-Octadecenamide,...	22.92	5.8	ng	300359	5	21.51	1033230	20.0
Hexadecane, 1-iodo-	22.95	8.2	ng	421033	5	21.51	1033230	20.0
Eicosane	23.72	5.7	ng	418143	6	24.58	1472080	20.0
Heneicosane	25.69	4.3	ng	314170	6	24.58	1472080	20.0
Docosane	26.97	2.0	ng	149907	6	24.58	1472080	20.0