LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044534.D
Acq On : 20 Feb 2020 23:50
Operator : CG/JU
Sample : L1600-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B-D

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	5.461	397	404	426	rBV	679366	1137582	42.92%	7.394%
2	7.053	668	675	695	rBV	688369	1225537	46.24%	7.966%
3	7.882	808	816	827	rBV	184795	319566	12.06%	2.077%
4	8.205	863	871	880	rBV	570211	988465	37.30%	6.425%
5	9.033	1004	1012	1026	rBV	398132	759544	28.66%	4.937%
6	10.678	1284	1292	1310	rBV	229931	453774	17.12%	2.950%
7	13.140	1704	1711	1726	rBV	1099767	1762388	66.50%	11.456%
8	13.980	1847	1854	1866	rBV	46903	84670	3.19%	0.550%
9	14.521	1939	1946	1961	rBV2	408690	663805	25.05%	4.315%
10	16.007	2193	2199	2220	rBV	816905	1394606	52.62%	9.065%
11	17.265	2406	2413	2427	rBV	524914	822510	31.04%	5.346%
12	19.879	2852	2858	2868	rBV	1978355	2650201	100.00%	17.227%
13	21.178	3074	3079	3086	rBV3	159195	275838	10.41%	1.793%
14	21.248	3087	3091	3100	rVB	28410	55292	2.09%	0.359%
15	21.507	3128	3135	3152	rBV	605758	1007365	38.01%	6.548%
16	21.713	3165	3170	3175	rBV	40966	54667	2.06%	0.355%
17	22.294	3264	3269	3276	rBV	59048	94803	3.58%	0.616%
18	22.952	3376	3381	3390	rVB2	70237	128096	4.83%	0.833%
19	23.716	3505	3511	3520	rBV2	64760	139759	5.27%	0.908%
20	24.580	3647	3658	3675	rBV2	361082	1175192	44.34%	7.639%
21	25.690	3838	3847	3856	rVB2	42145	122329	4.62%	0.795%
22	26.965	4057	4064	4074	rVB4	20277	68274	2.58%	0.444%

Sum of corrected areas: 15384263

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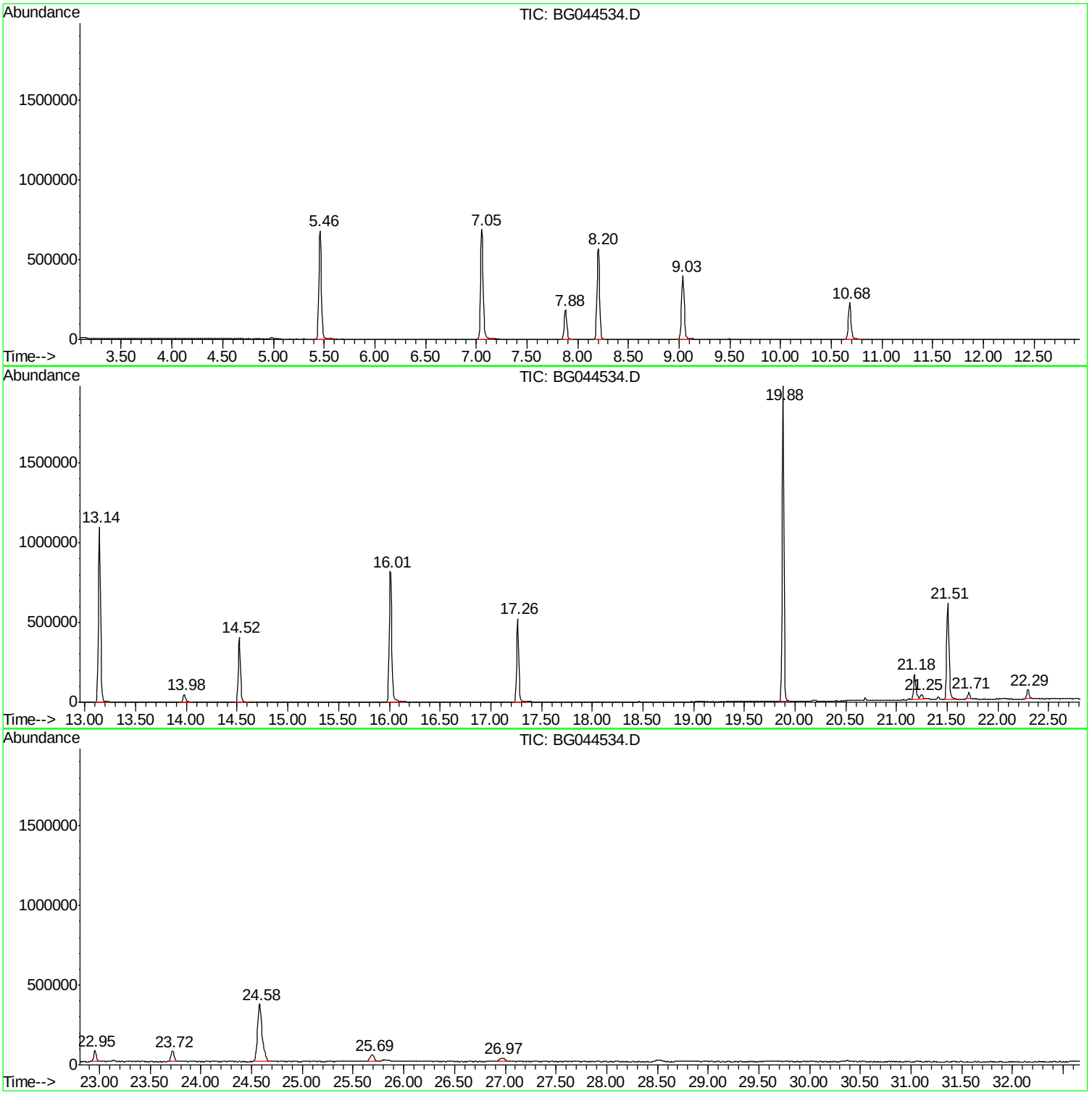
Instrument : BNA_G
ClientSampleId : TP-B-D

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



Library Search Compound Report

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Data File : BG044534.D
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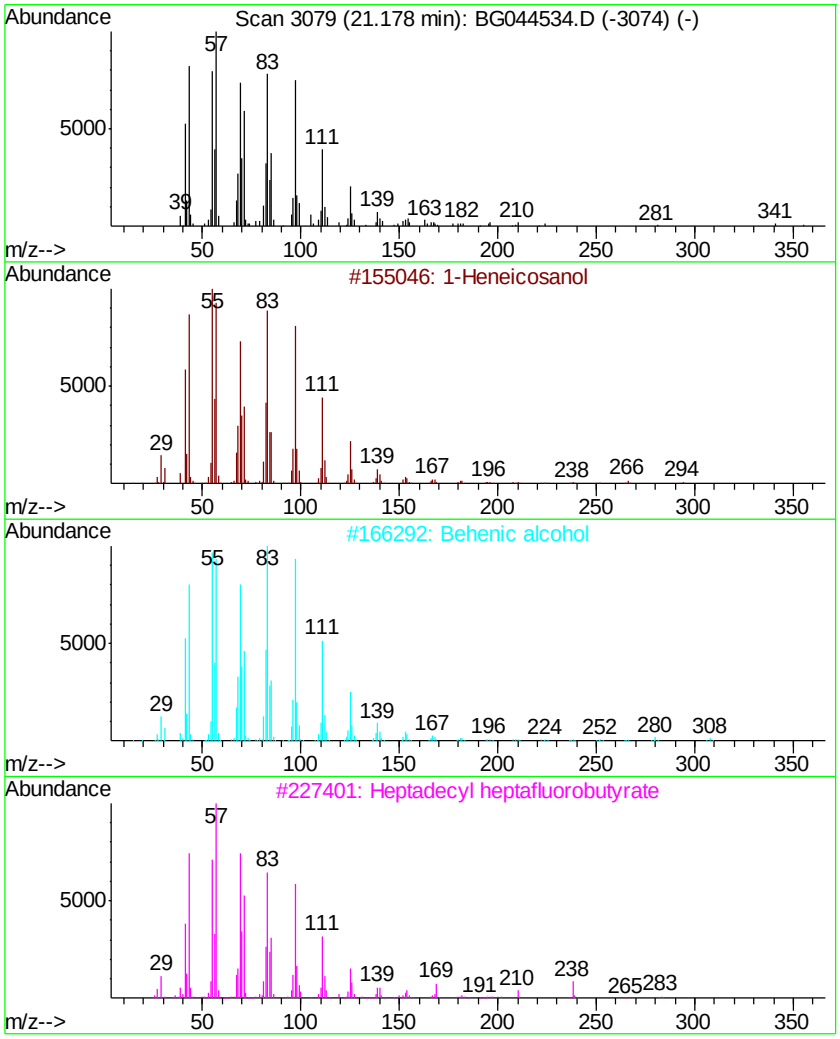
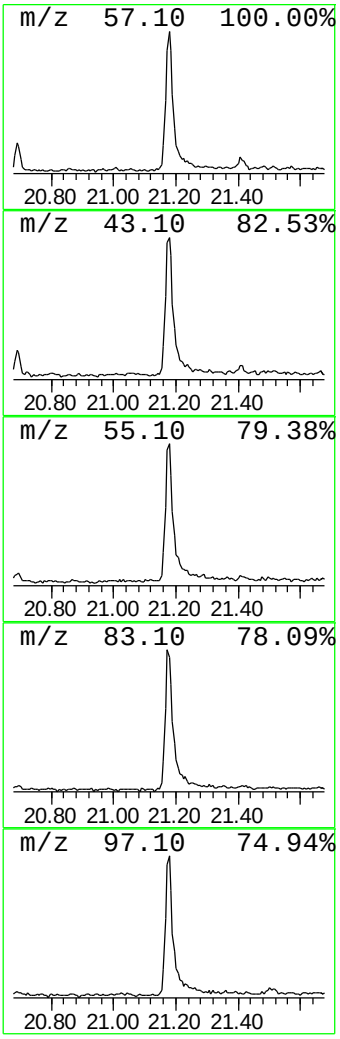
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	5.48 ng	275838	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B-D

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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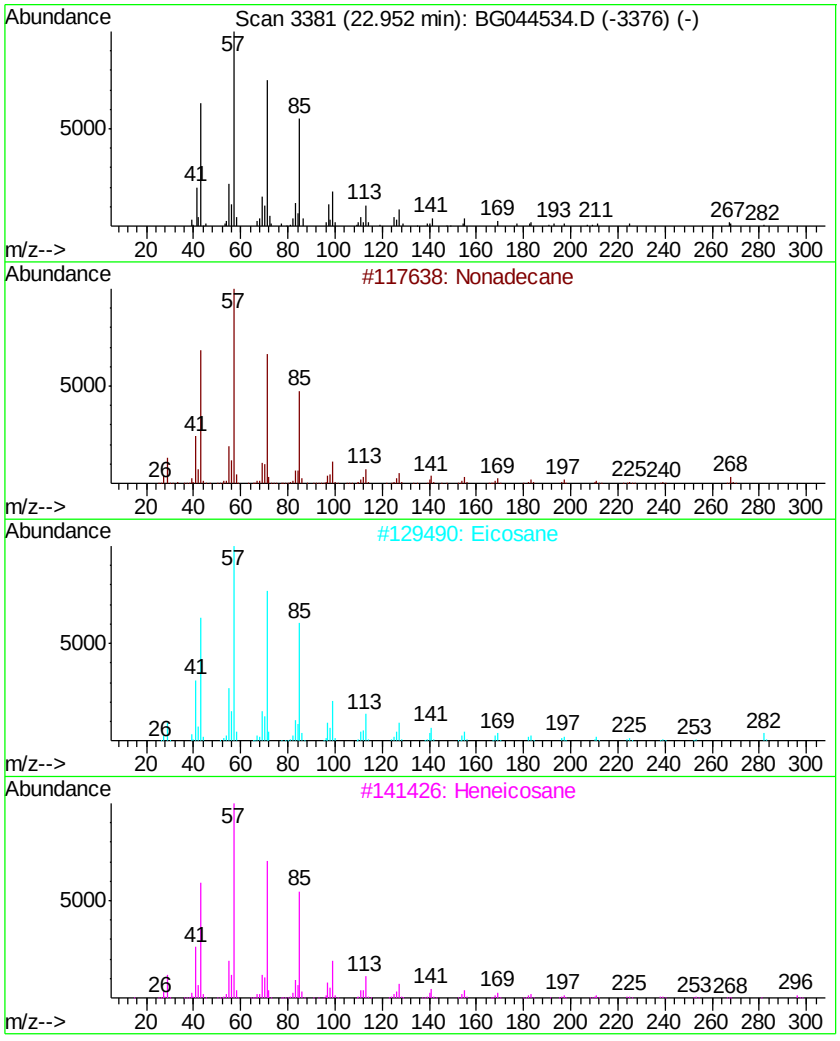
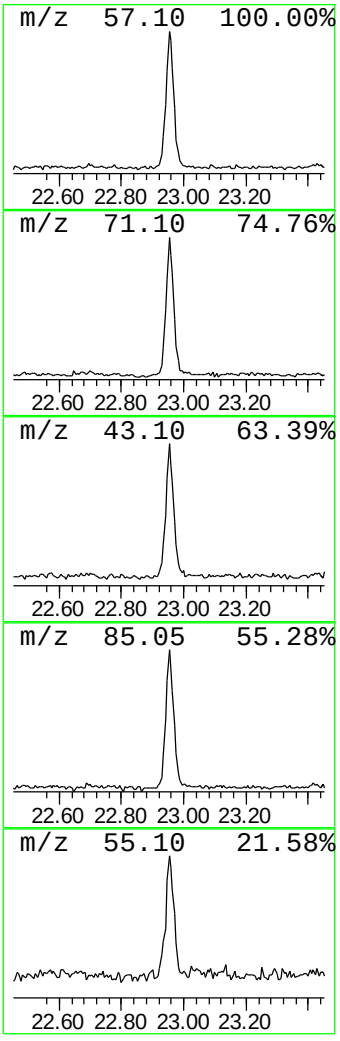
Peak Number 3 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.54 ng	128096	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

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Data File : BG044534.D
Acq On : 20 Feb 2020 23:50
Operator : CG/JU
Sample : L1600-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B-D

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
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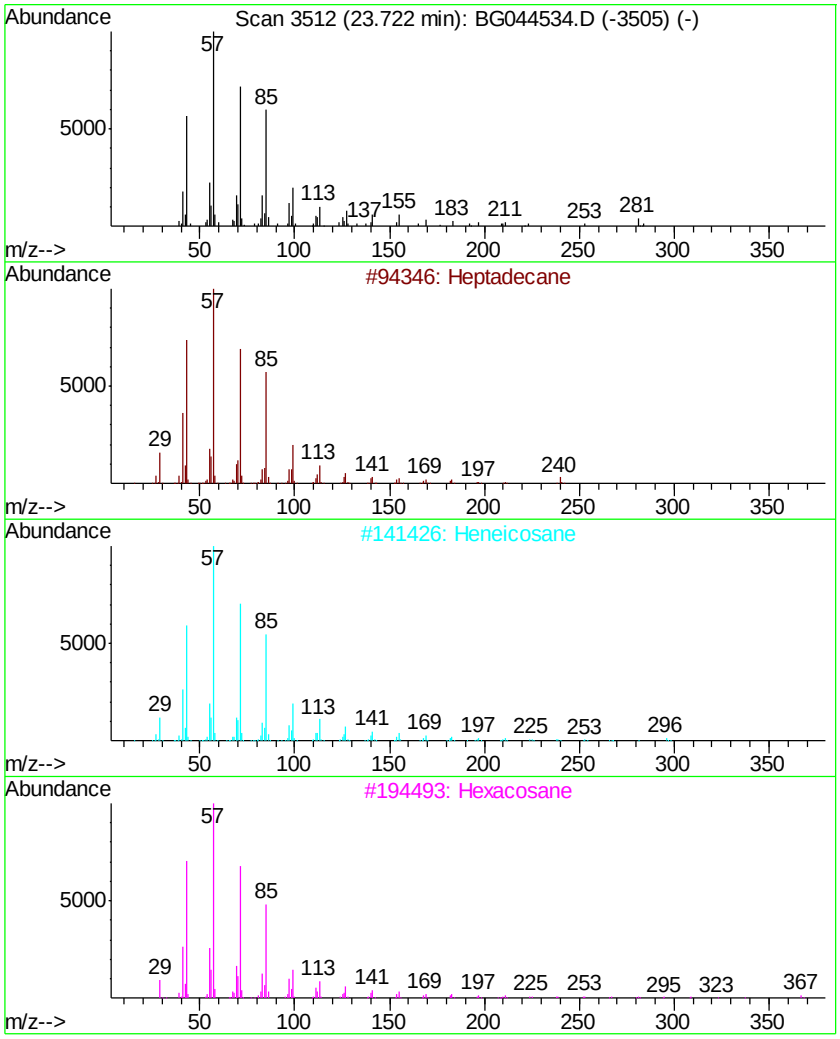
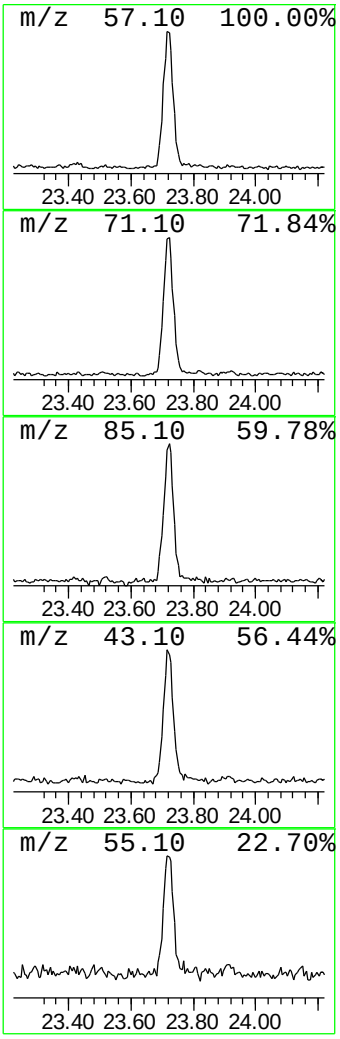
Peak Number 4 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	2.38 ng	139759	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
5	Octadecane	254	C18H38	000593-45-3	83





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Sample : L1600-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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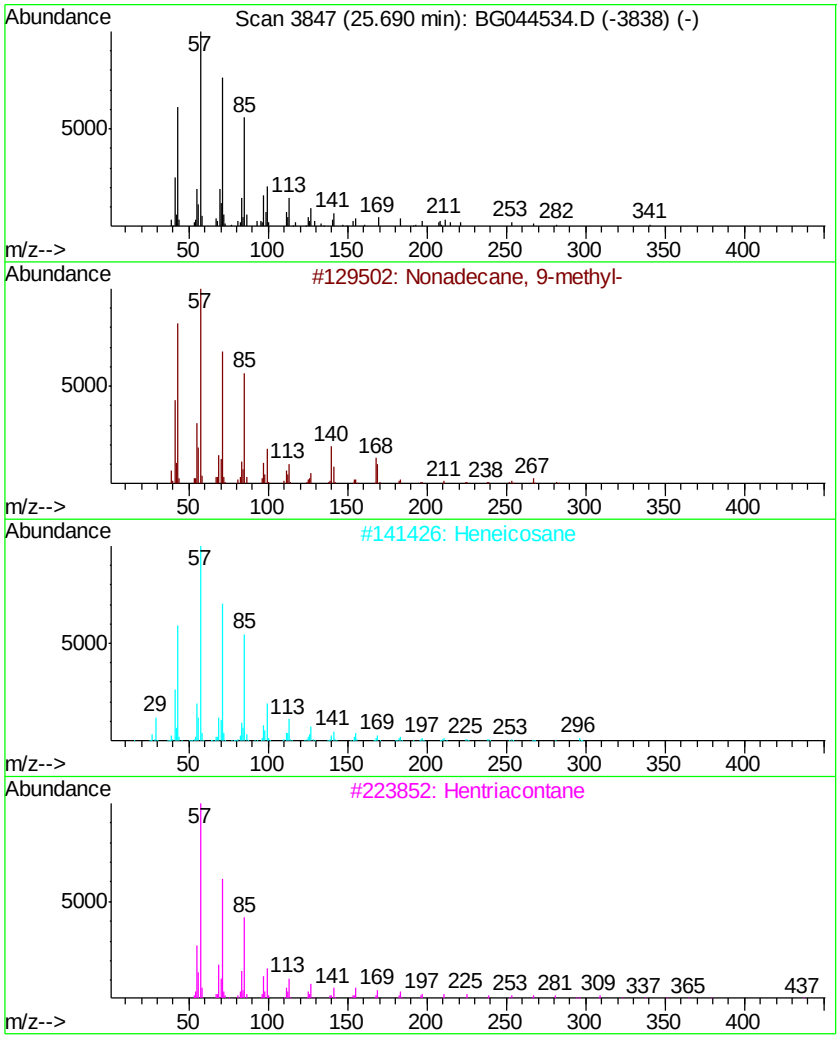
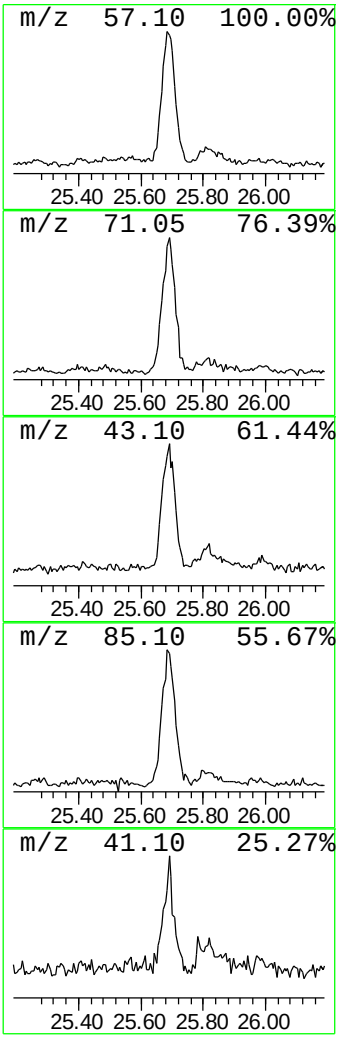
Peak Number 5 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	2.08 ng	122329	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022020\
Data File : BG044534.D
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Sample : L1600-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B-D

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	5.5	ng	275838	5	21.51	1007370	20.0
Nonadecane	22.95	2.5	ng	128096	5	21.51	1007370	20.0
Heptadecane	23.72	2.4	ng	139759	6	24.58	1175190	20.0
Nonadecane, 9-met...	25.69	2.1	ng	122329	6	24.58	1175190	20.0