LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044675.D
Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

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-BG022420.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	5.376	381	389	402	rBV	828089	1334724	36.62%	6.058%
2	6.986	655	663	680	rBV	834858	1490899	40.91%	6.767%
3	7.803	796	802	811	rBV	216156	360154	9.88%	1.635%
4	8.126	849	857	869	rBV	688315	1171610	32.15%	5.318%
5	8.960	991	999	1012	rBV	509940	926761	25.43%	4.206%
6	10.606	1271	1279	1293	rBV	296359	543103	14.90%	2.465%
7	13.073	1692	1699	1713	rBV	1486602	2417038	66.32%	10.970%
8	13.908	1833	1841	1848	rBV	170444	279649	7.67%	1.269%
9	14.460	1926	1935	1941	rBV	510363	843753	23.15%	3.830%
10	15.946	2181	2188	2199	rBV	1213301	1862437	51.10%	8.453%
11	17.204	2393	2402	2406	rBV	662387	1009838	27.71%	4.583%
12	17.245	2406	2409	2415	rVV	128125	180285	4.95%	0.818%
13	17.333	2419	2424	2431	rVB2	28835	51400	1.41%	0.233%
14	18.079	2546	2551	2555	rBV	33018	50698	1.39%	0.230%
15	18.126	2555	2559	2569	rVB2	43837	71506	1.96%	0.325%
16	18.273	2578	2584	2588	rBV3	48124	84866	2.33%	0.385%
17	18.314	2588	2591	2596	rVB	25007	36778	1.01%	0.167%
18	18.996	2699	2707	2711	rBV	35785	63575	1.74%	0.289%
19	19.260	2746	2752	2759	rBV	265453	375771	10.31%	1.706%
20	19.618	2804	2813	2823	rBV	274851	478901	13.14%	2.174%
21	19.824	2841	2848	2854	rBV	2795883	3644500	100.00%	16.542%
22	20.112	2894	2897	2901	rVB	49973	69304	1.90%	0.315%
23	20.212	2911	2914	2920	rVB	38285	47994	1.32%	0.218%
24	20.271	2920	2924	2928	rBV2	38351	59784	1.64%	0.271%
25	20.412	2944	2948	2952	rBV	26852	37370	1.03%	0.170%
26	20.459	2952	2956	2959	rBV2	26639	37541	1.03%	0.170%
27	21.117	3064	3068	3077	rBV2	182947	293408	8.05%	1.332%
28	21.434	3114	3122	3127	rBV2	733471	1330902	36.52%	6.041%
29	21.481	3127	3130	3143	rVB	116469	195870	5.37%	0.889%
30	21.640	3151	3157	3162	rBV2	47165	89556	2.46%	0.406%
31	22.215	3251	3255	3263	rVB2	59361	92536	2.54%	0.420%
32	22.868	3361	3366	3374	rVB	79499	143719	3.94%	0.652%
33	23.044	3390	3396	3402	rVB	164409	294930	8.09%	1.339%
34	23.508	3469	3475	3482	rBV2	69630	202351	5.55%	0.918%

LSC Area Percent Report

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Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

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-BG022420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.620	3489	3494	3504	rVB2	84420	175058	4.80%	0.795%
36	24.307	3607	3611	3624	rVB2	65936	172346	4.73%	0.782%
37	24.454	3627	3636	3656	rVB2	435152	1368530	37.55%	6.211%
38	25.547	3817	3822	3833	rVB4	50505	142916	3.92%	0.649%

Sum of corrected areas: 22032361

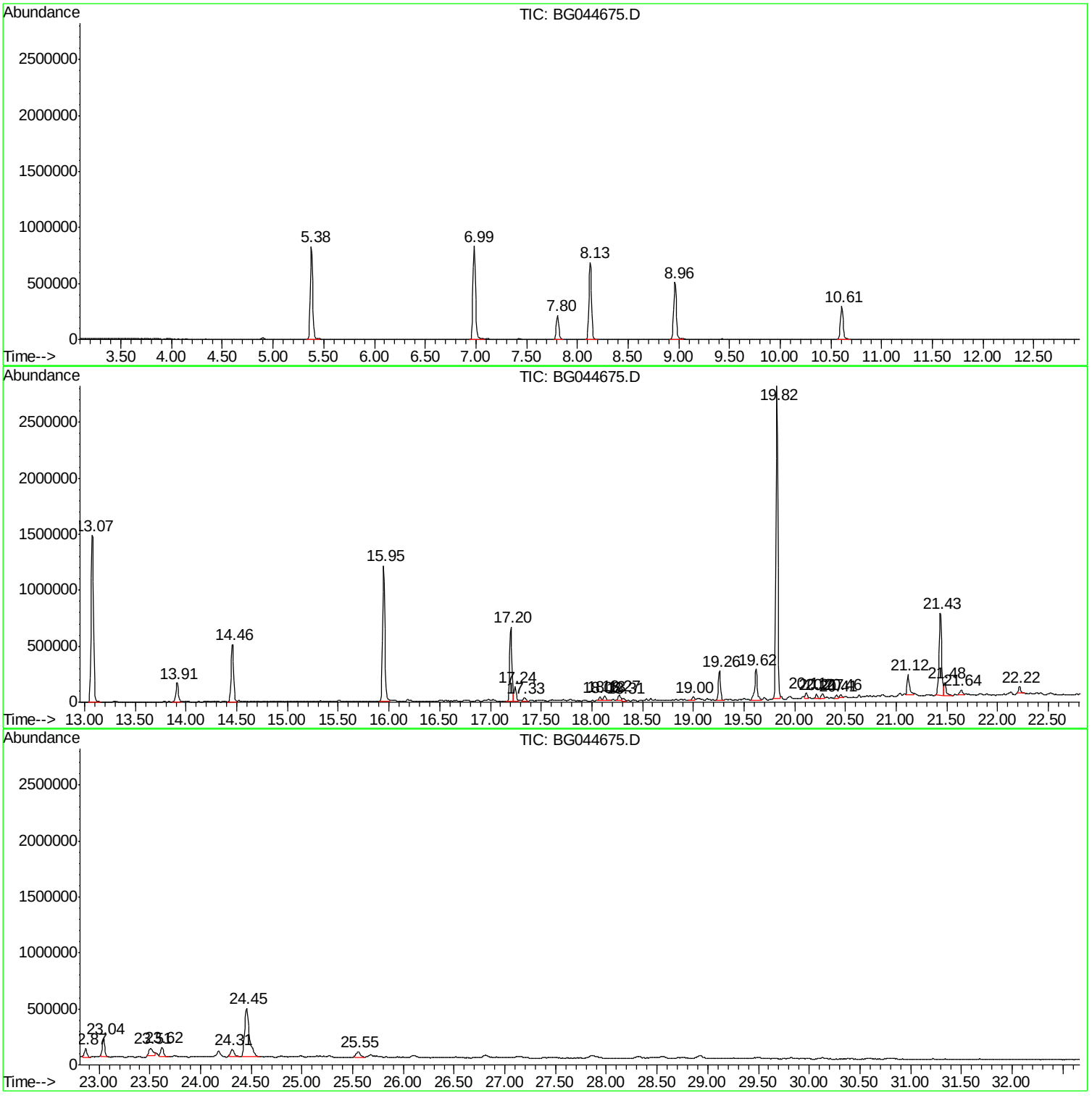
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044675.D
Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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\BG030320\
Data File : BG044675.D
Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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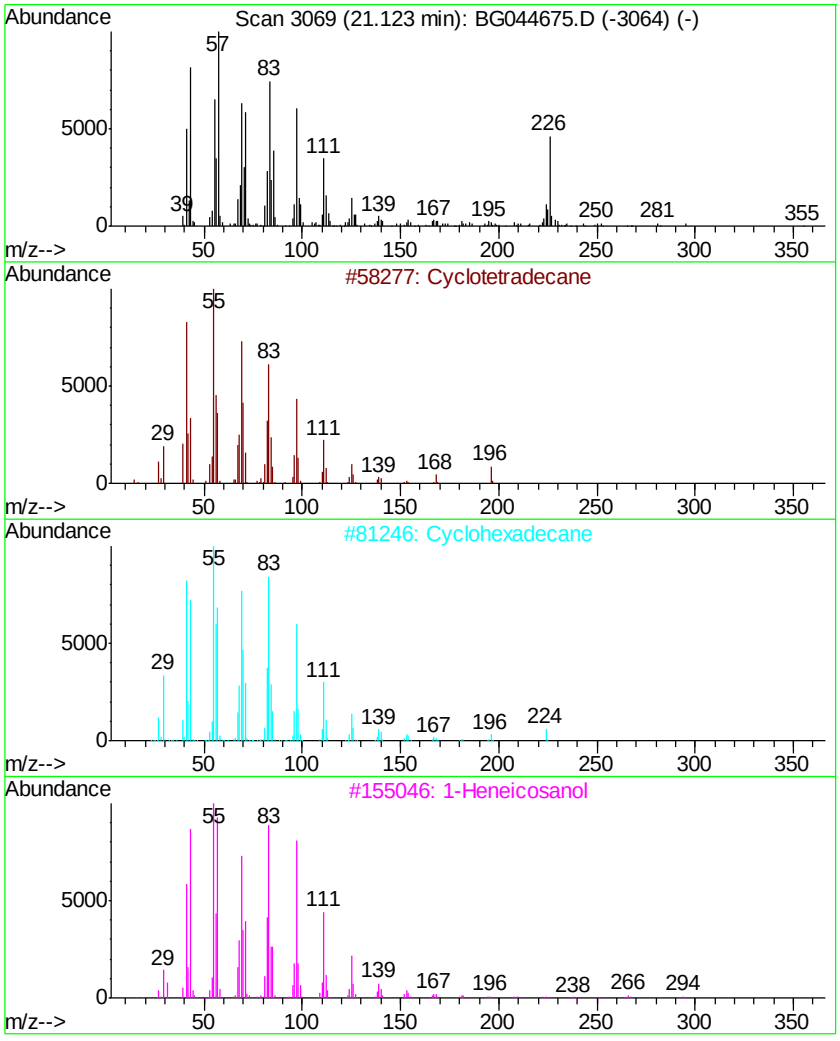
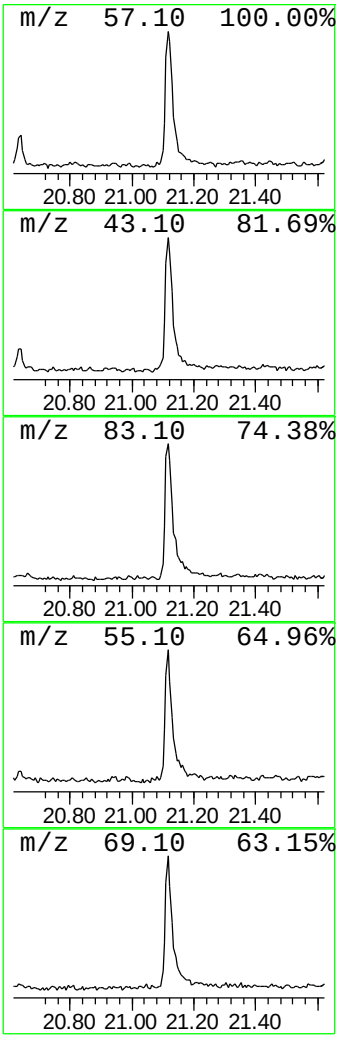
Peak Number 2 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	4.41 ng	293408	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044675.D
Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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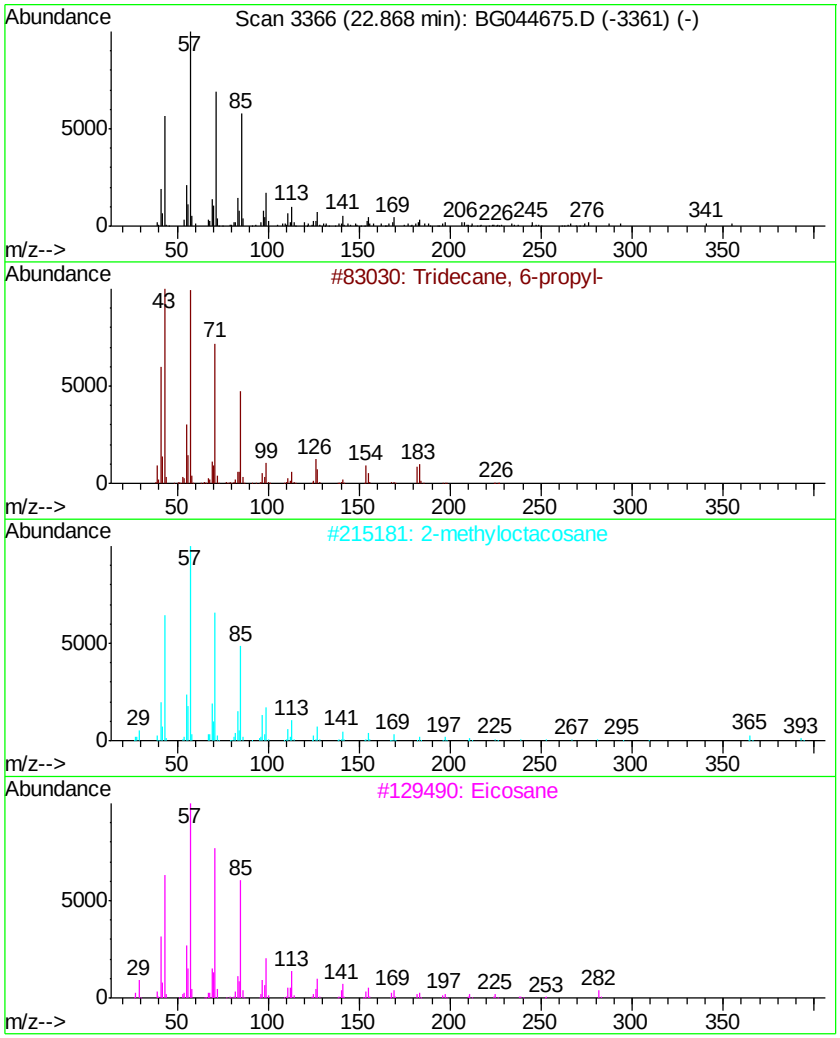
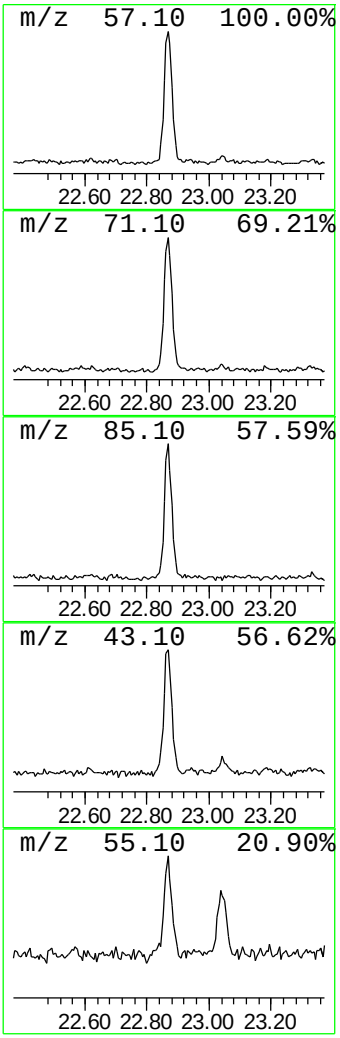
Peak Number 3 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.16 ng	143719	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044675.D
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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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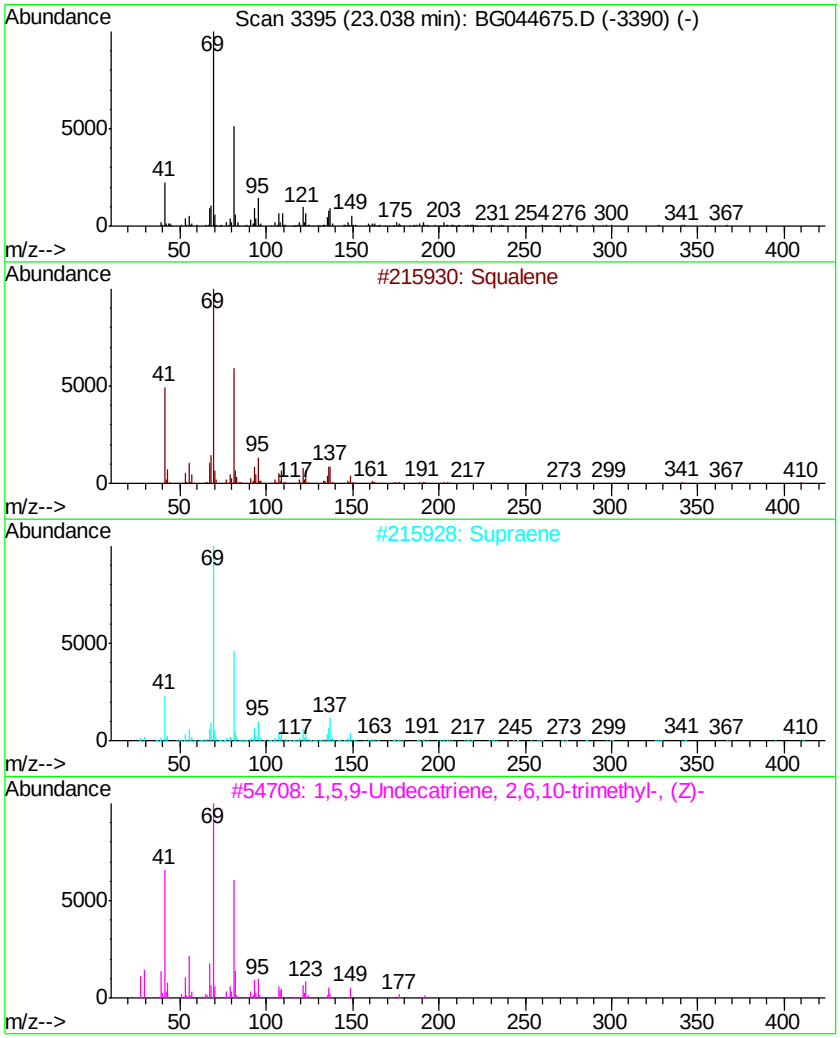
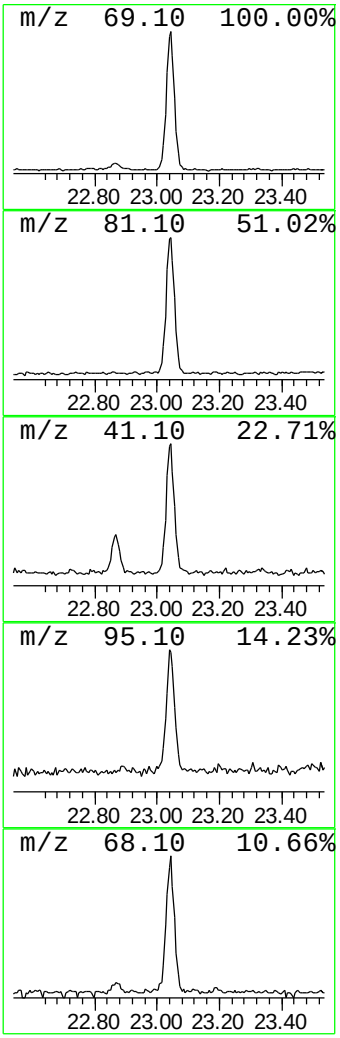
Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	4.31 ng	294930	Perylene-d12	24.45

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	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044675.D
Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

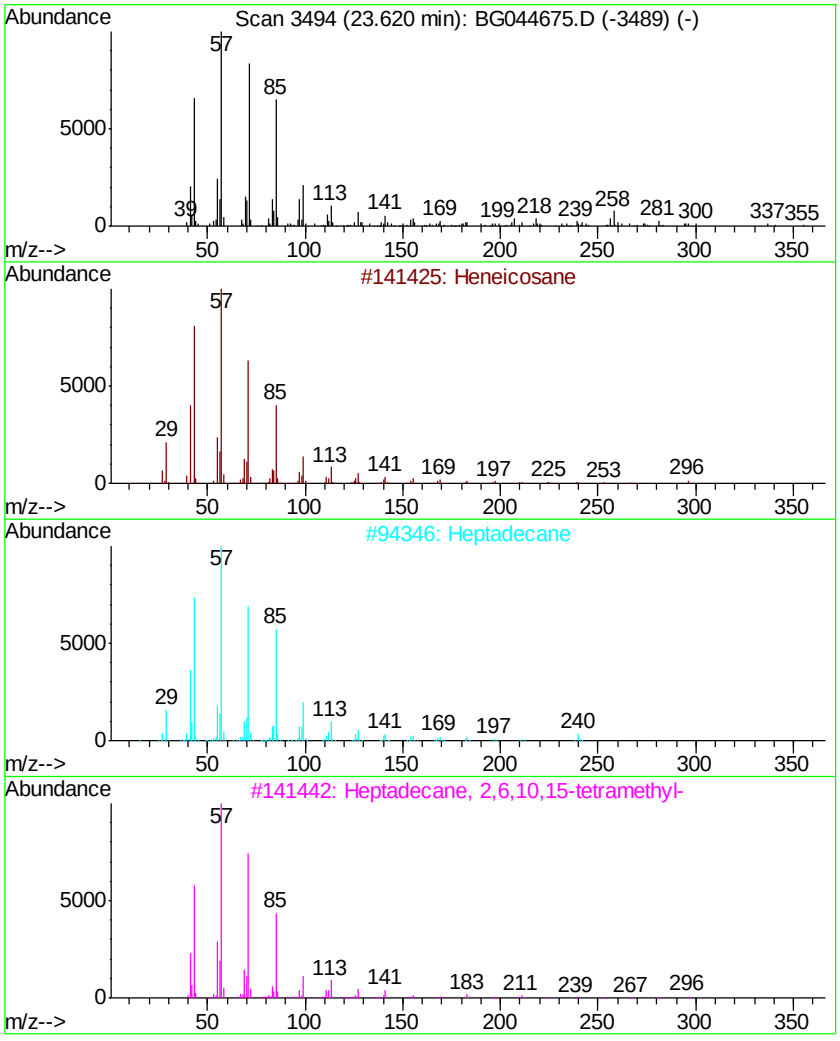
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

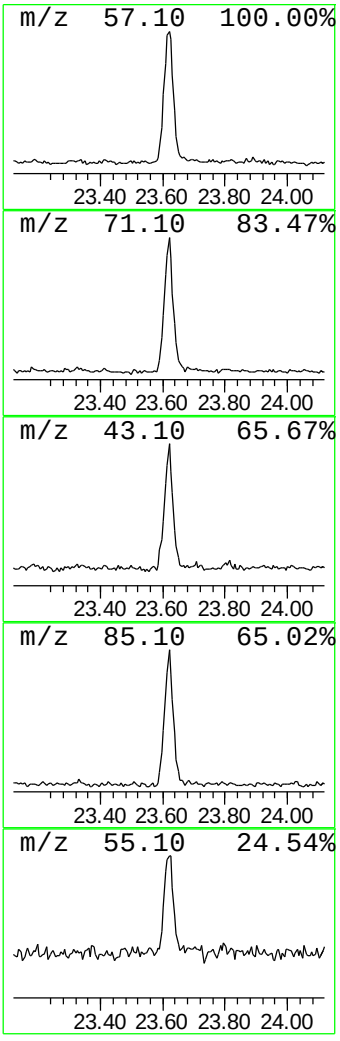
****

Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.62	2.56 ng	175058	Perylene-d12	24.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

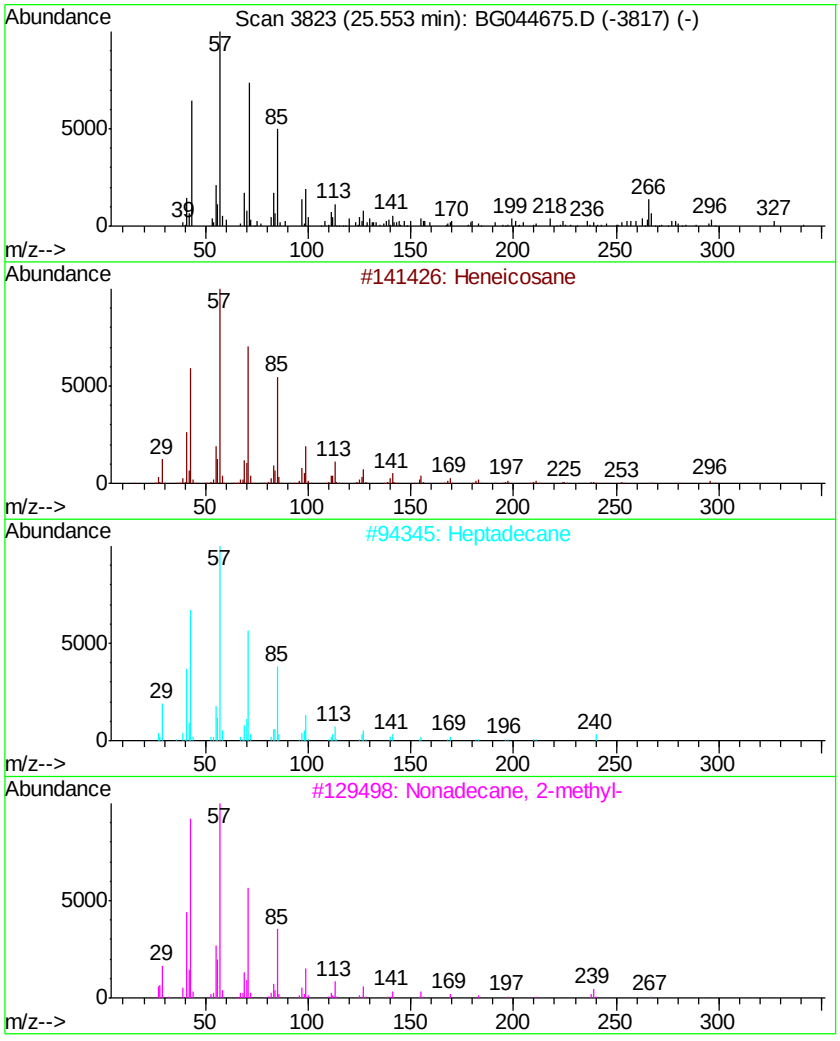
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

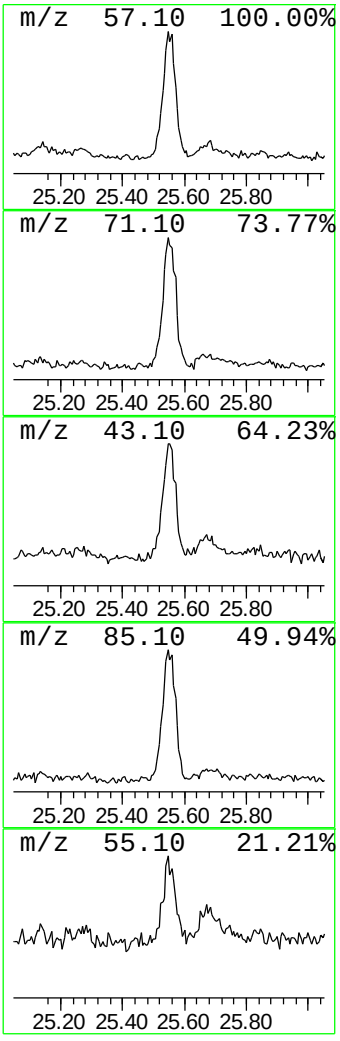
****

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.55	2.09 ng	142916	Perylene-d12	24.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane	240	C17H36	000629-78-7	89
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
5	Eicosane	282	C20H42	000112-95-8	76





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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
Cyclotetradecane	21.12	4.4	ng	293408	5	21.43	1330900	20.0
Tridecane, 6-propyl-	22.87	2.2	ng	143719	5	21.43	1330900	20.0
Squalene	23.04	4.3	ng	294930	6	24.45	1368530	20.0
Heneicosane	23.62	2.6	ng	175058	6	24.45	1368530	20.0
Heptadecane	25.55	2.1	ng	142916	6	24.45	1368530	20.0