LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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	397	403	416	rBV	229261	392536	8.61%	2.221%
2	7.053	668	675	688	rBV	124076	246119	5.40%	1.393%
3	7.882	809	816	824	rBV	163956	283146	6.21%	1.602%
4	8.199	863	870	882	rBV	691027	1231796	27.02%	6.970%
5	9.033	1004	1012	1031	rBV	514710	988402	21.68%	5.593%
6	10.678	1285	1292	1310	rBV	208747	415240	9.11%	2.349%
7	13.140	1704	1711	1732	rBV	1585684	2550820	55.95%	14.433%
8	13.974	1847	1853	1863	rBV	69904	123192	2.70%	0.697%
9	14.521	1939	1946	1956	rBV	419387	655432	14.38%	3.709%
10	16.013	2192	2200	2219	rBV	836290	1409334	30.91%	7.974%
11	17.265	2406	2413	2427	rBV	571877	895372	19.64%	5.066%
12	19.885	2852	2859	2867	rBV	3403769	4559395	100.00%	25.798%
13	20.690	2991	2996	3000	rBV	47186	59056	1.30%	0.334%
14	21.184	3074	3080	3087	rBV	170654	299647	6.57%	1.695%
15	21.507	3127	3135	3153	rBV2	635021	1064925	23.36%	6.025%
16	21.712	3164	3170	3176	rBV	117513	167722	3.68%	0.949%
17	22.294	3263	3269	3278	rBV	138426	239129	5.24%	1.353%
18	22.952	3375	3381	3388	rBV	149359	265202	5.82%	1.501%
19	23.722	3505	3512	3522	rVB	124767	257394	5.65%	1.456%
20	24.580	3647	3658	3677	rBV2	384837	1299784	28.51%	7.354%
21	25.690	3838	3847	3858	rVB	62721	182908	4.01%	1.035%
22	26.971	4056	4065	4076	rVB3	28118	87130	1.91%	0.493%

Sum of corrected areas: 17673681

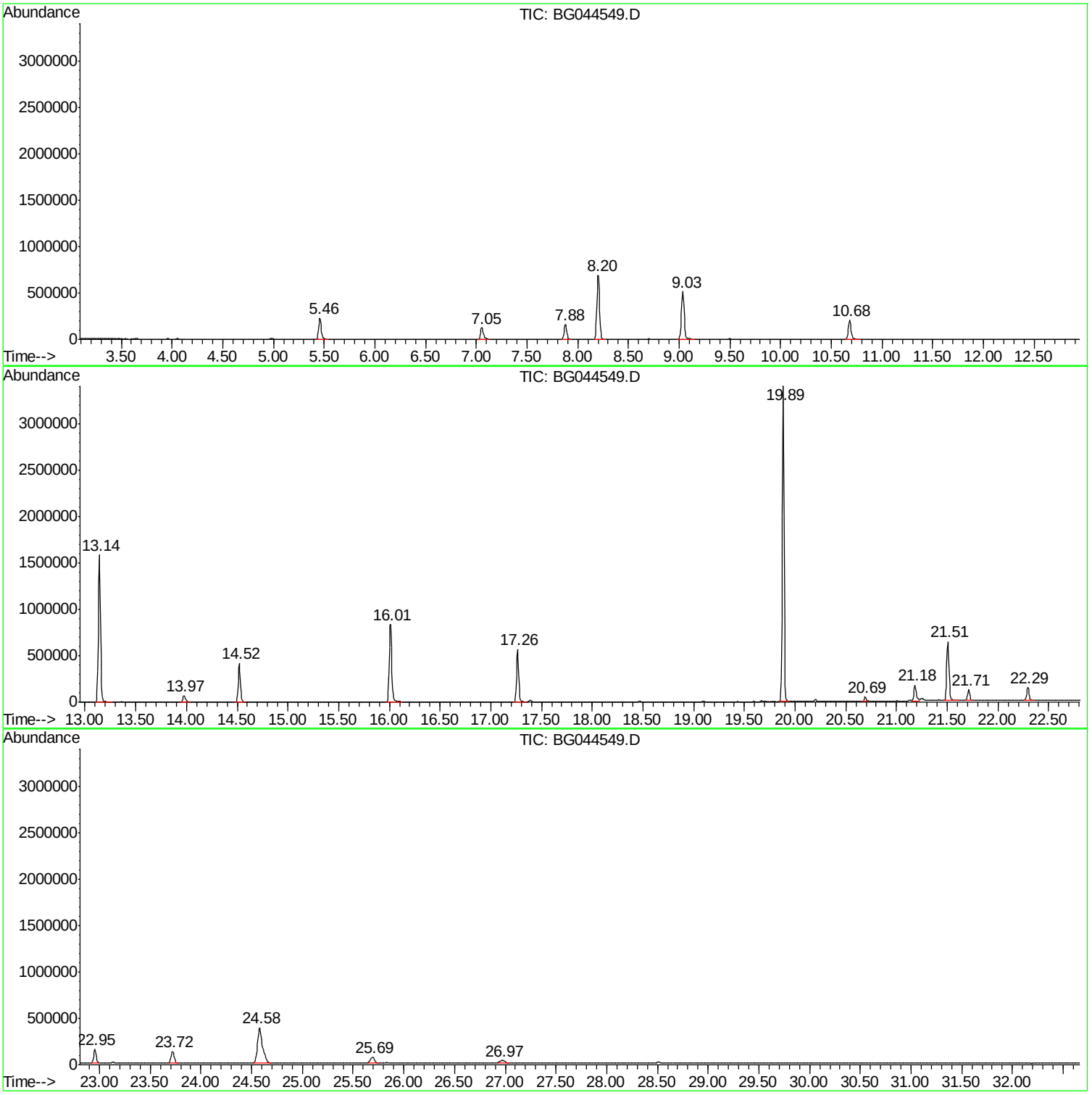
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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

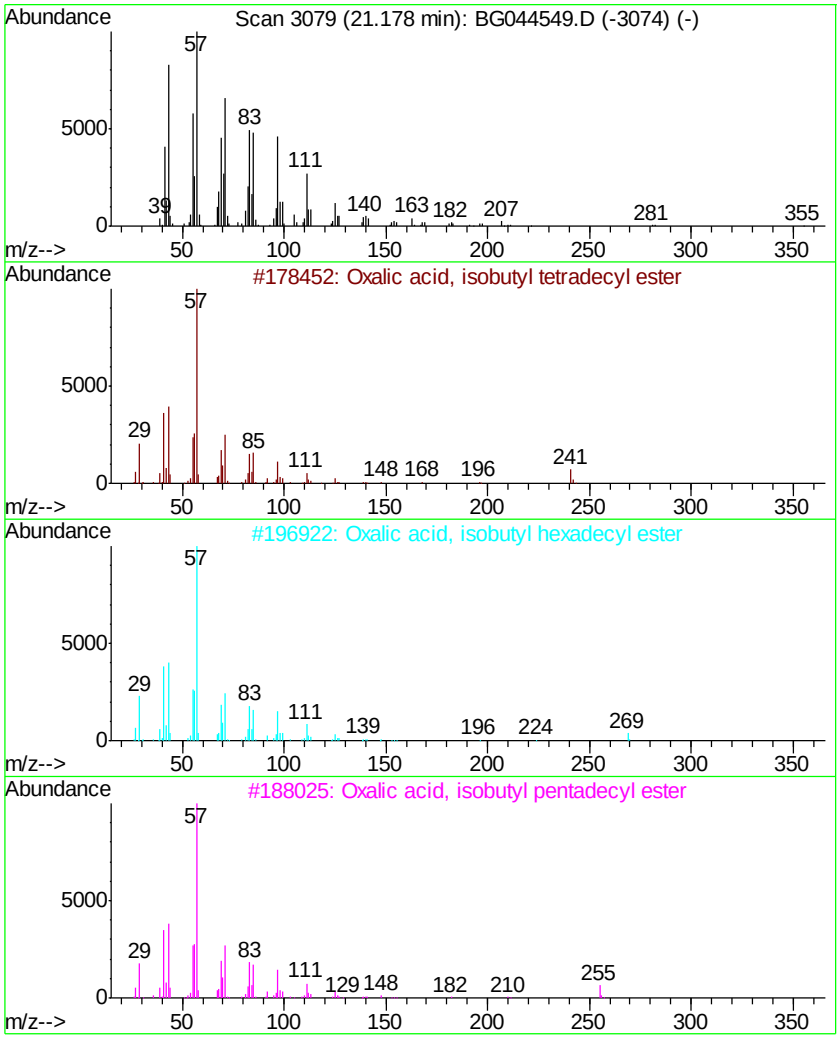
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

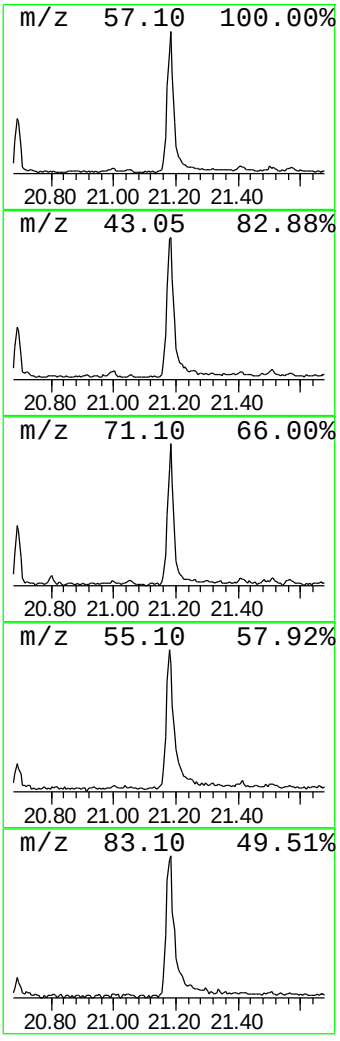
****

Peak Number 2 Oxalic acid, isobutyl tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	5.63 ng	299647	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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

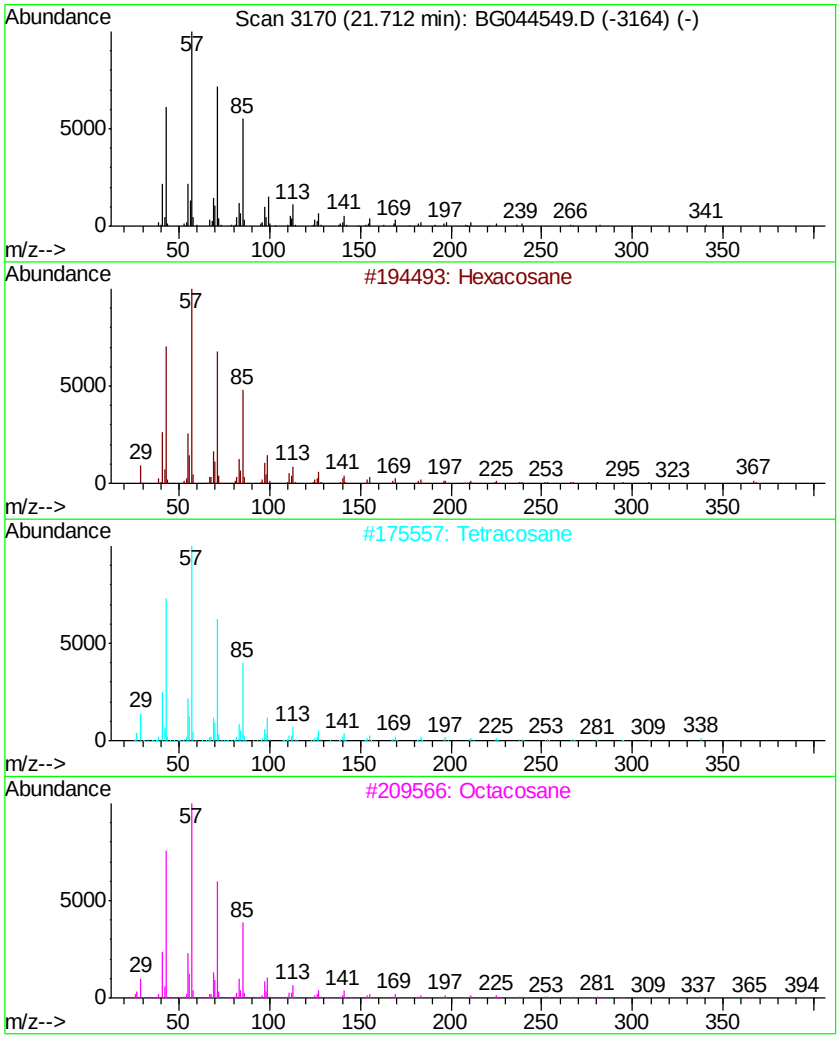
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

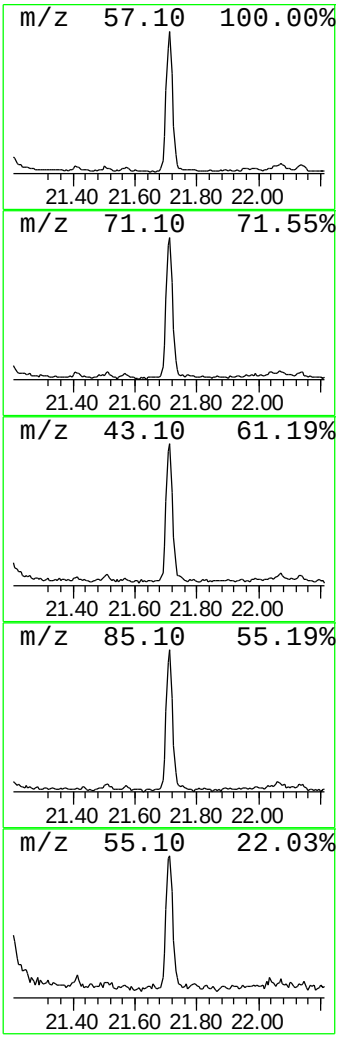
****

Peak Number 3 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	3.15 ng	167722	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126974BL

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

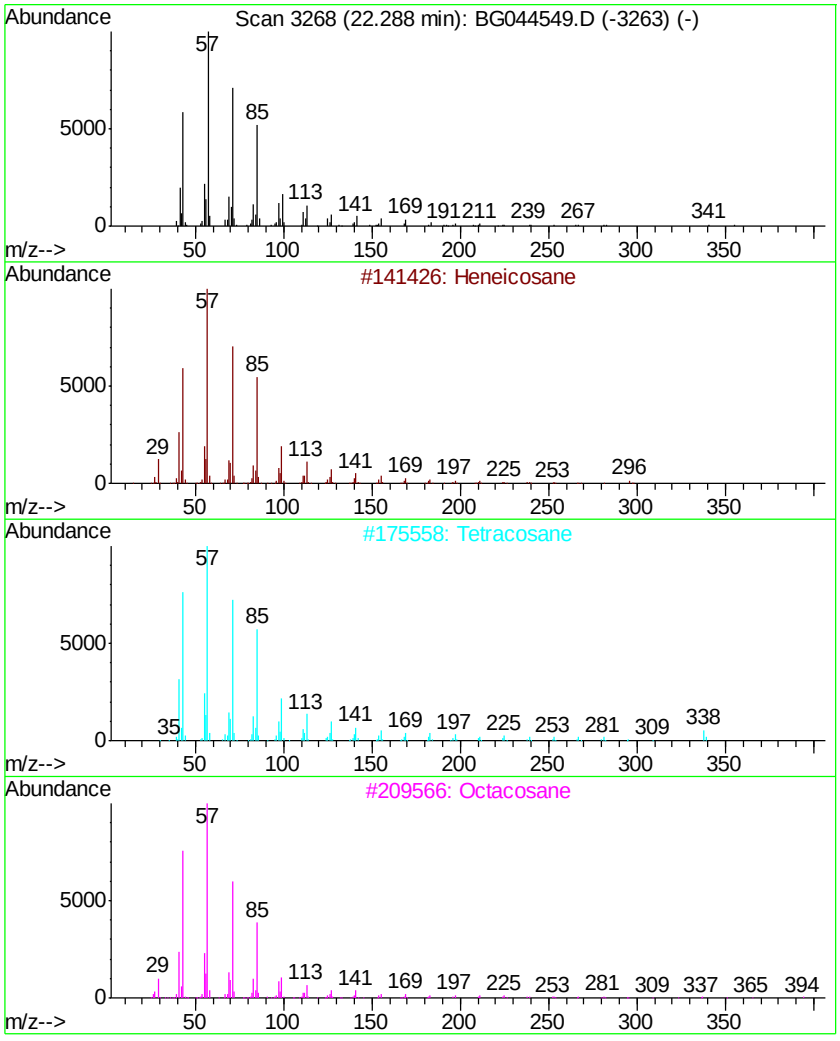
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

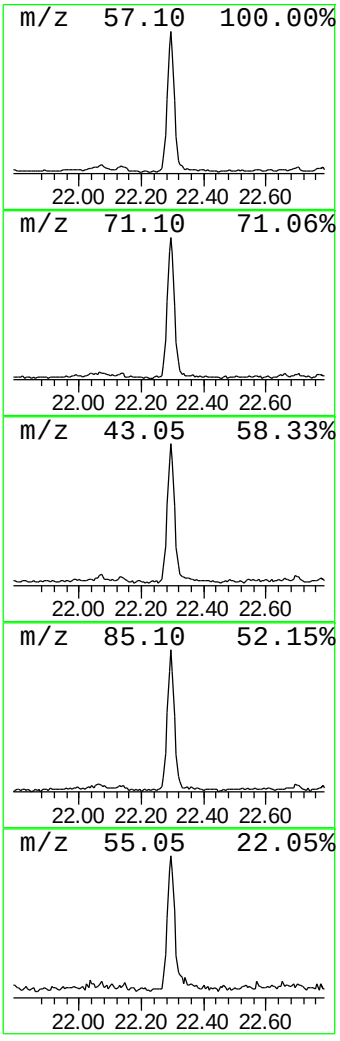
****

Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	4.49 ng	239129	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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

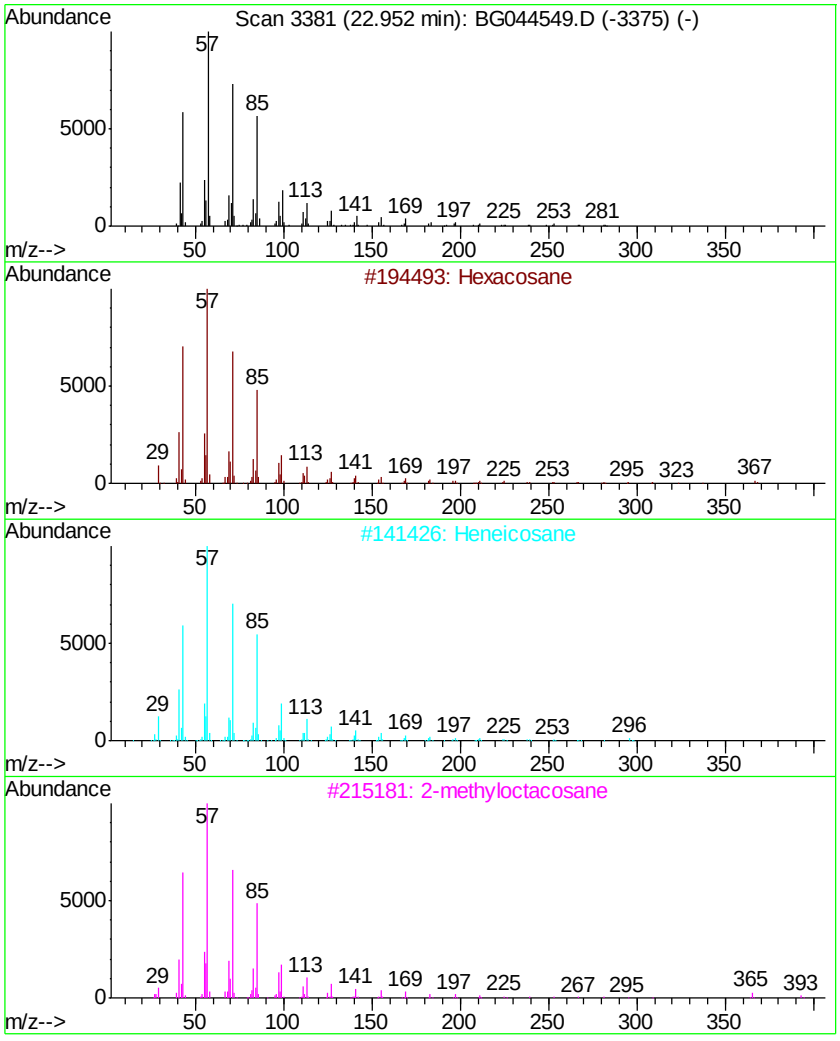
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

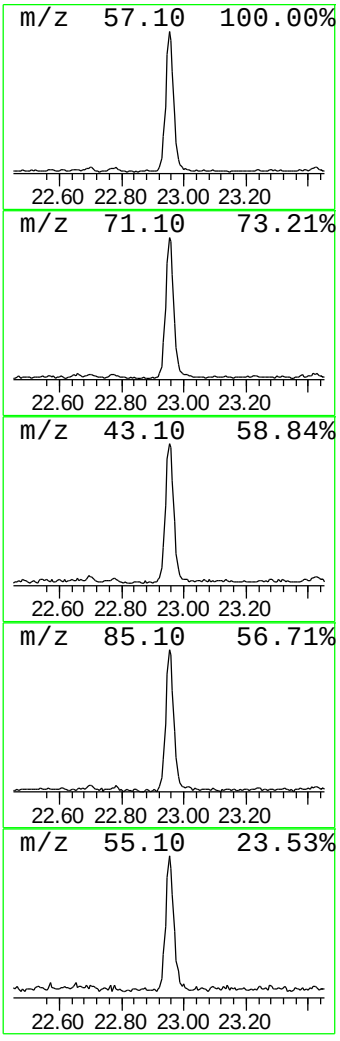
****

Peak Number 5 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	4.98 ng	265202	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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

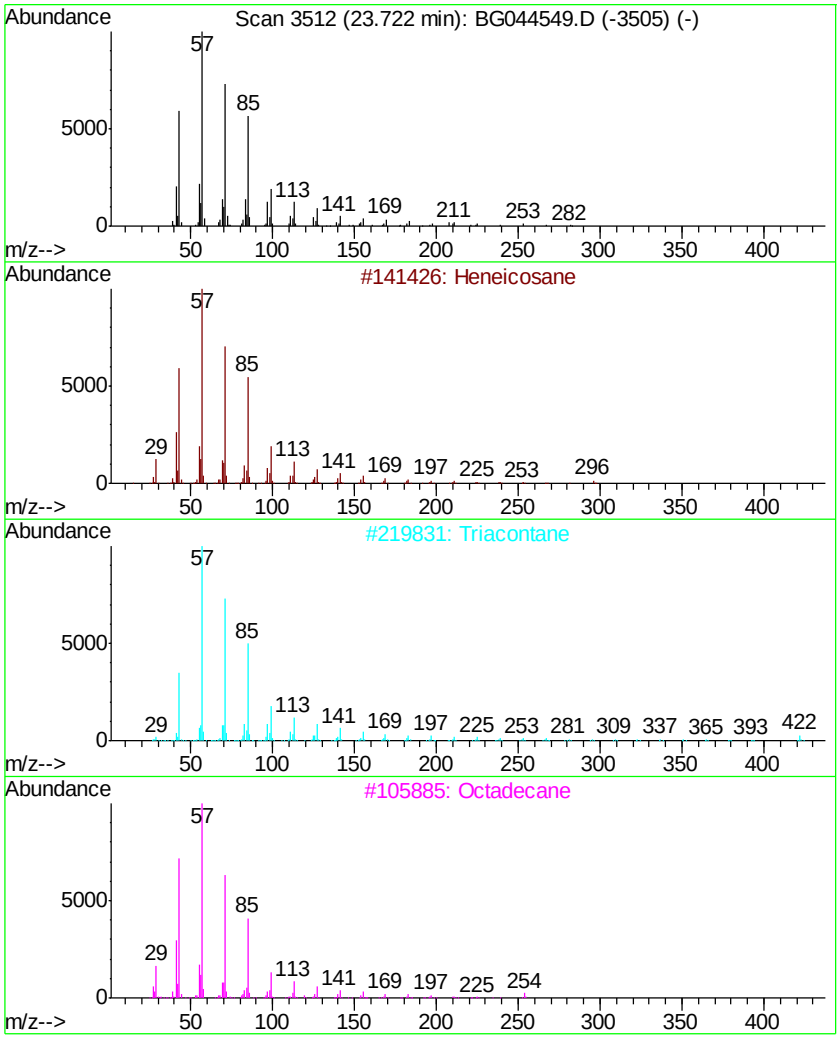
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

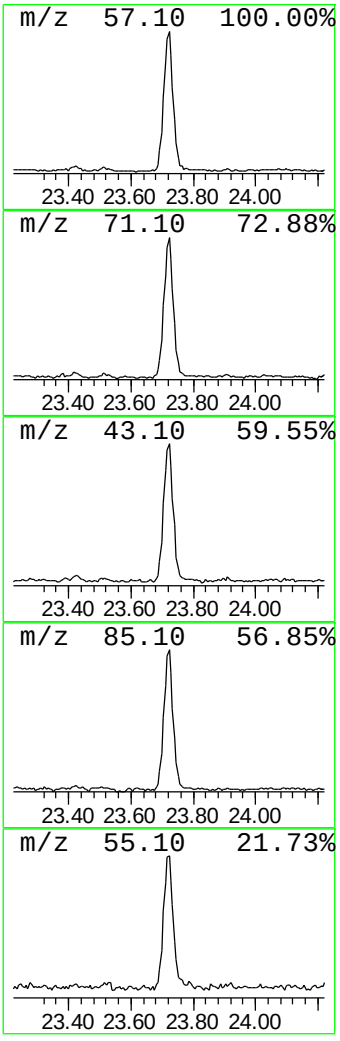
****

Peak Number 6 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	3.96 ng	257394	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Octadecane	254	C18H38	000593-45-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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

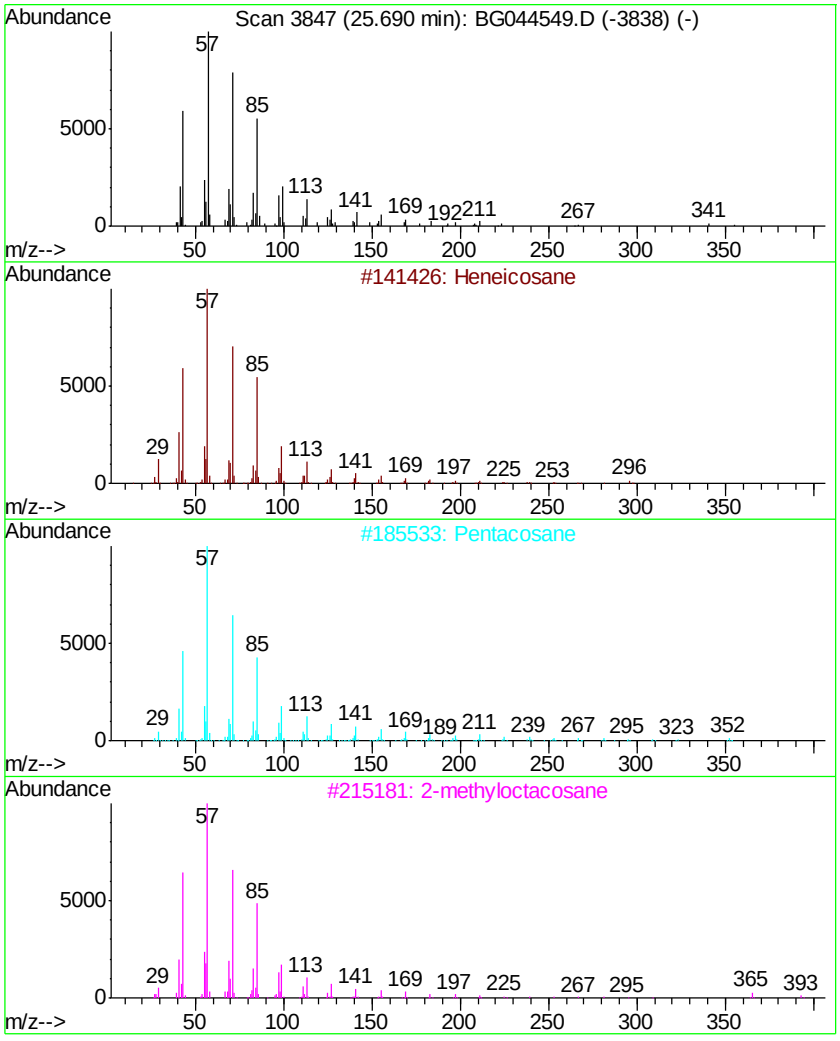
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

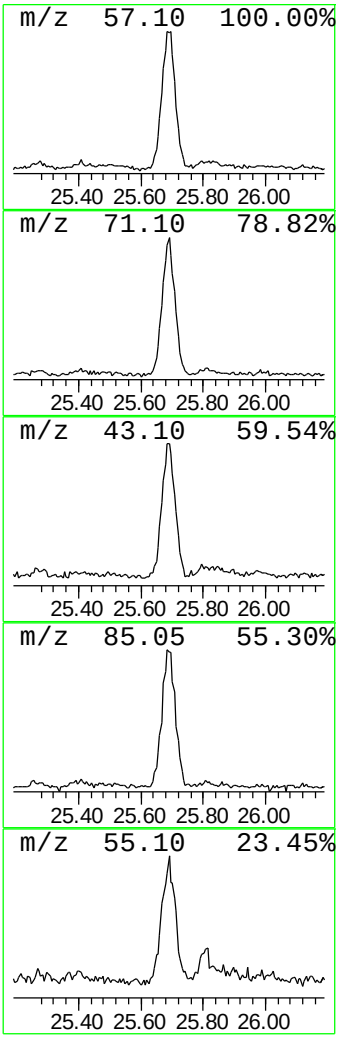
****

Peak Number 7 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	2.81 ng	182908	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022120\
Data File : BG044549.D
Acq On : 21 Feb 2020 14:55
Operator : CG/JU
Sample : PB126974BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BL

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
Oxalic acid, isob...	21.18	5.6	ng	299647	5	21.51	1064930	20.0
Hexacosane	21.71	3.1	ng	167722	5	21.51	1064930	20.0
Heneicosane	22.29	4.5	ng	239129	5	21.51	1064930	20.0
2-methyloctacosane	22.95	5.0	ng	265202	5	21.51	1064930	20.0
Triacontane	23.72	4.0	ng	257394	6	24.58	1299780	20.0
Pentacosane	25.69	2.8	ng	182908	6	24.58	1299780	20.0