LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053314.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.670	381	388	401	rBV	558553	919565	31.37%	8.154%
2	7.267	653	660	674	rBV	574309	1011391	34.50%	8.968%
3	8.107	797	803	809	rBV	98428	168067	5.73%	1.490%
4	9.271	990	1001	1010	rBV	352967	653960	22.31%	5.799%
5	10.915	1274	1281	1292	rBV	131734	244098	8.33%	2.164%
6	13.353	1689	1696	1706	rBV	964849	1510390	51.52%	13.393%
7	14.728	1924	1930	1940	rVB	221816	356420	12.16%	3.160%
8	16.220	2177	2184	2202	rBV	775025	1268171	43.26%	11.245%
9	17.477	2391	2398	2406	rBV	315423	497613	16.97%	4.412%
10	19.010	2652	2659	2666	rBV4	15583	33133	1.13%	0.294%
11	19.980	2817	2824	2831	rVB2	30497	58487	2.00%	0.519%
12	20.079	2834	2841	2848	rBV	2232364	2931507	100.00%	25.994%
13	20.755	2950	2956	2963	rVB	50582	83145	2.84%	0.737%
14	21.384	3059	3063	3068	rVB2	22314	30081	1.03%	0.267%
15	21.542	3085	3090	3097	rVB2	50499	90875	3.10%	0.806%
16	21.754	3120	3126	3136	rBV	331530	582650	19.88%	5.166%
17	21.936	3153	3157	3162	rVB2	25124	36537	1.25%	0.324%
18	22.441	3236	3243	3252	rVB	47161	103212	3.52%	0.915%
19	23.457	3410	3416	3425	rVB3	33017	81413	2.78%	0.722%
20	24.667	3617	3622	3631	rVB5	25493	62240	2.12%	0.552%
21	25.055	3677	3688	3700	rBV2	186139	554861	18.93%	4.920%

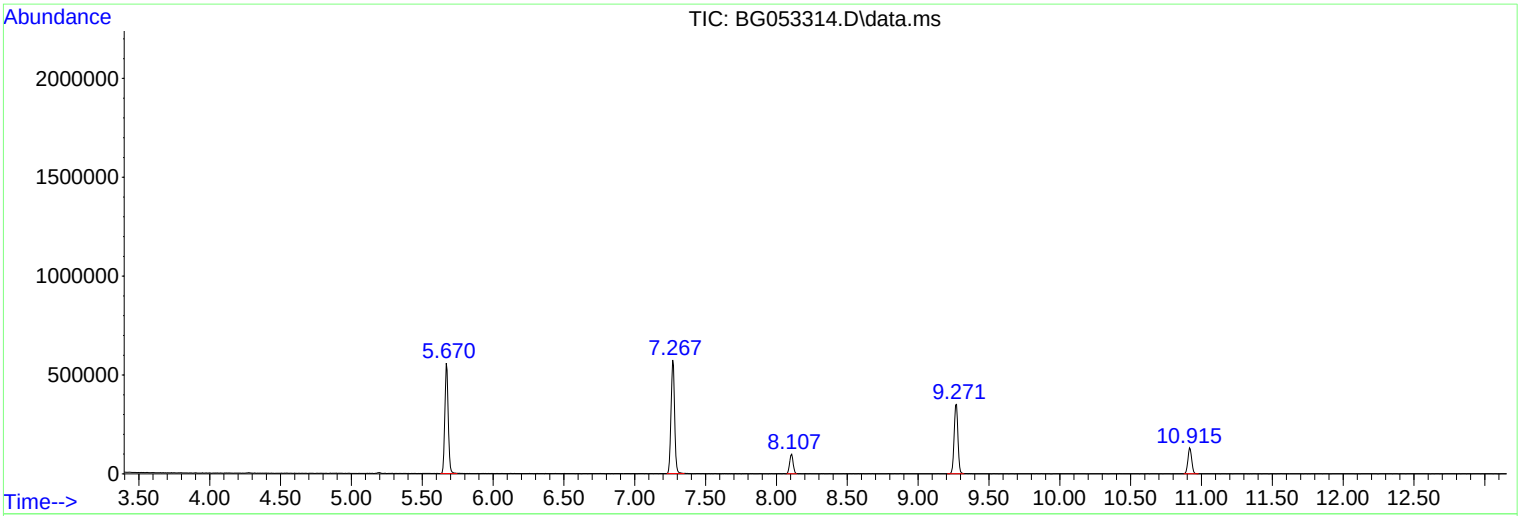
Sum of corrected areas: 11277816

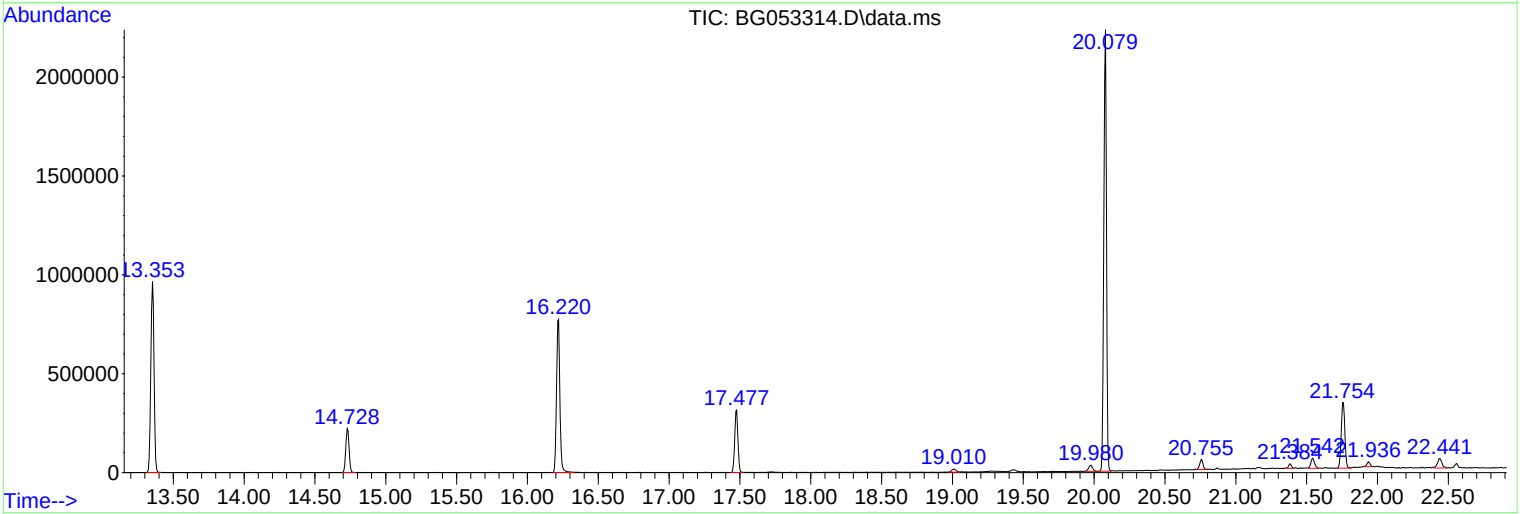
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

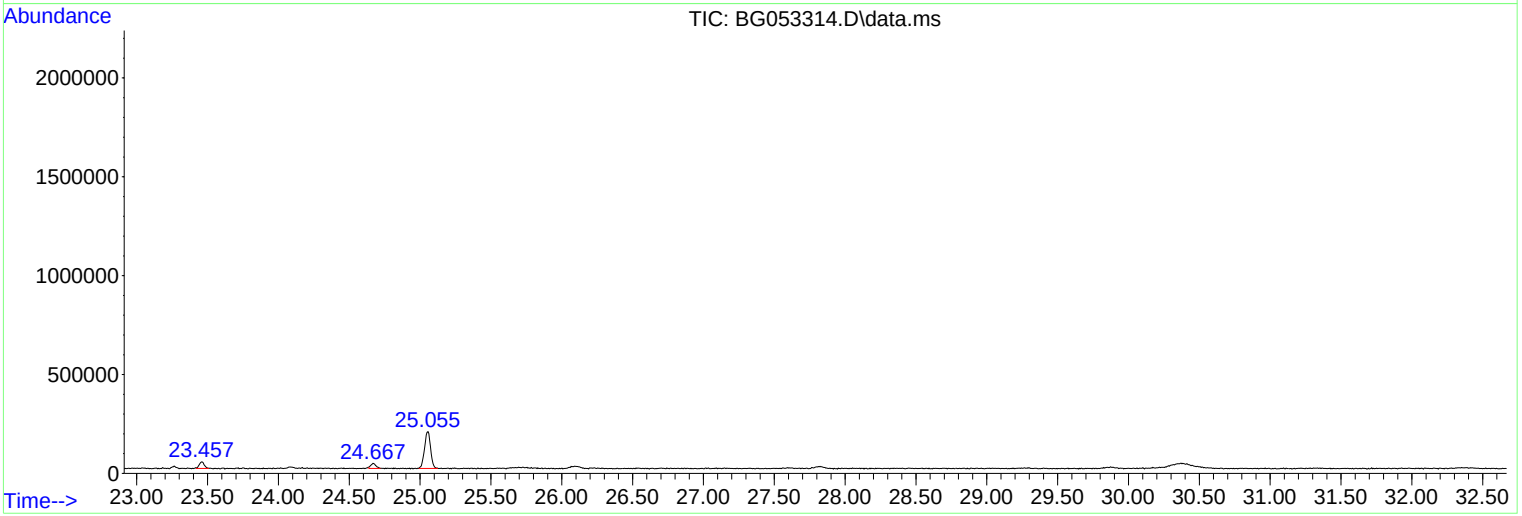
Instrument :
BNA_G
ClientSampleId :
PB144297BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

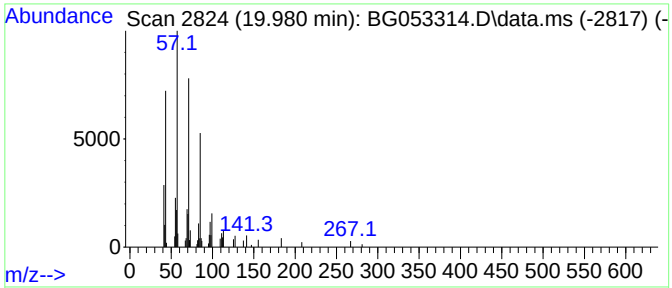
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

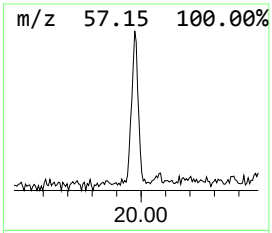
****

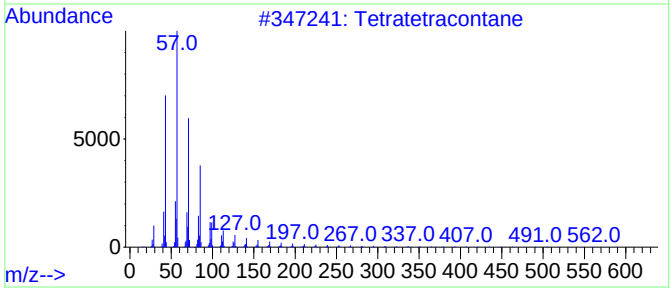
Peak Number 1 Tetratetracontane Concentration Rank 6

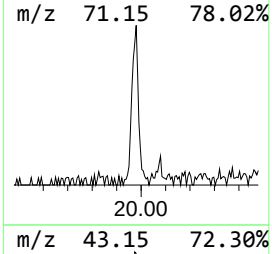
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	2.01 ng	58487	Chrysene-d12	21.760

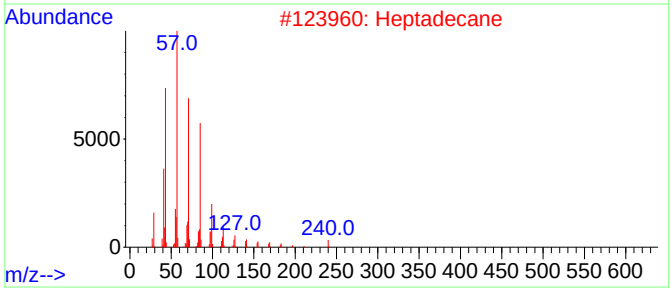
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Nonadecane	268	C19H40	000629-92-5	87

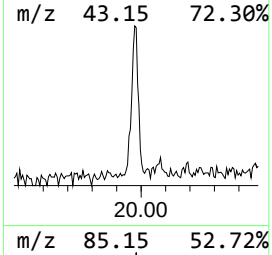


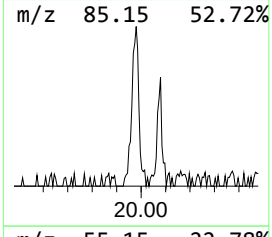


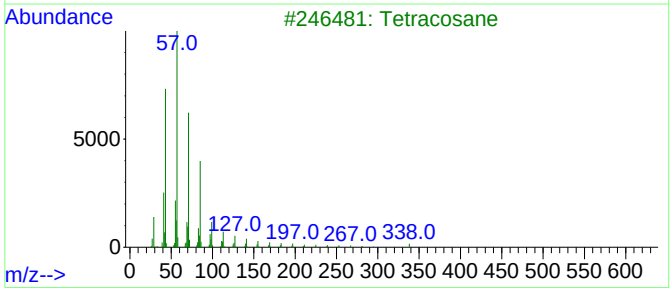


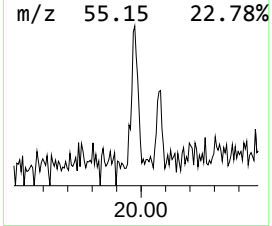












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

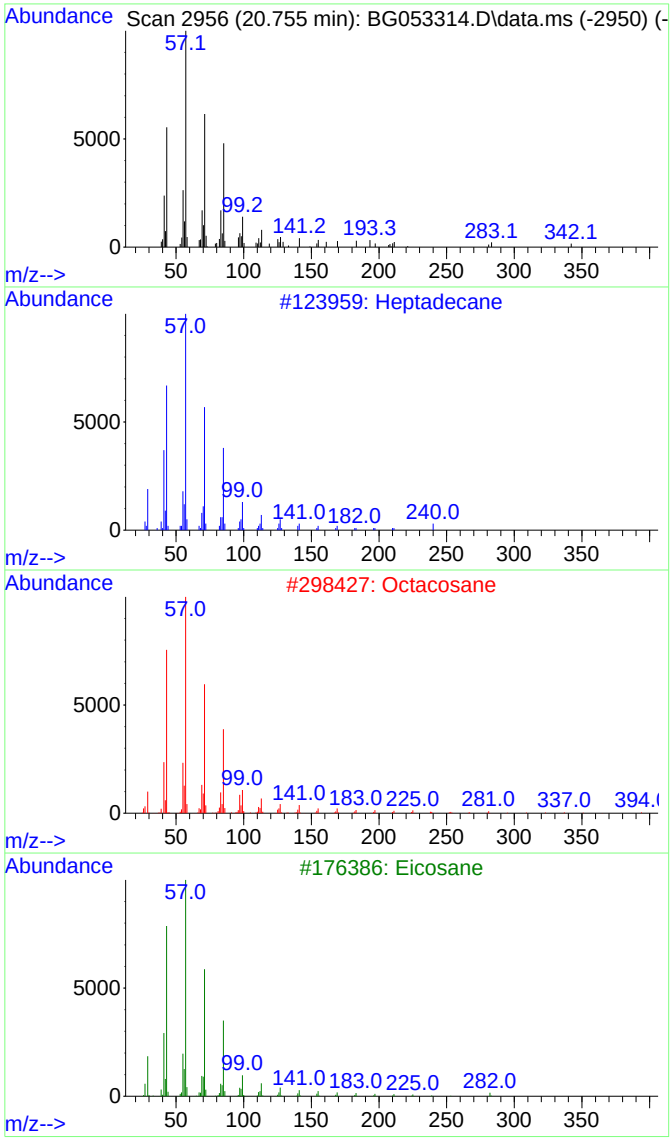
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

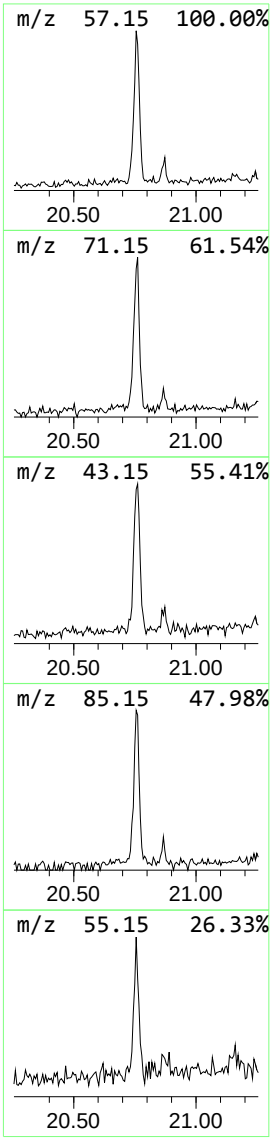
****

Peak Number 2 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.755	2.85 ng	83145	Chrysene-d12	21.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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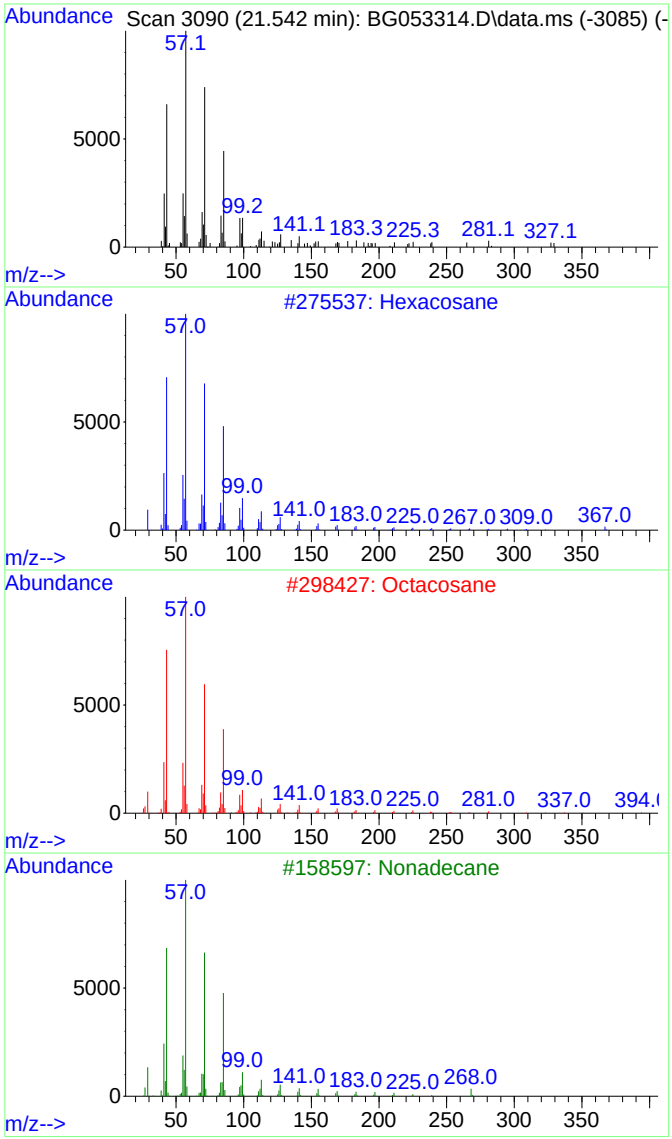
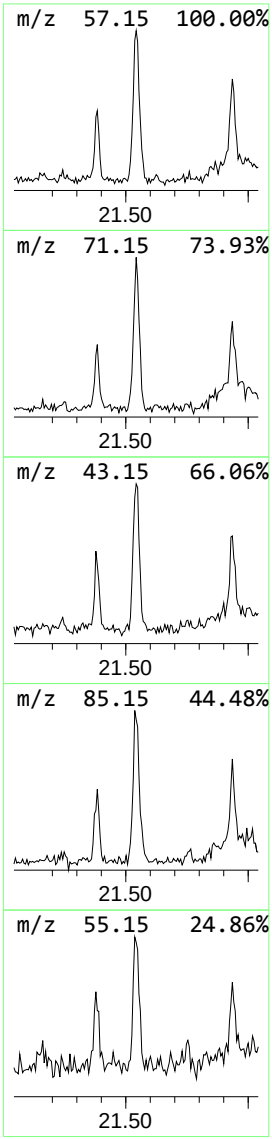
Peak Number 3 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.542	3.12 ng	90875	Chrysene-d12	21.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

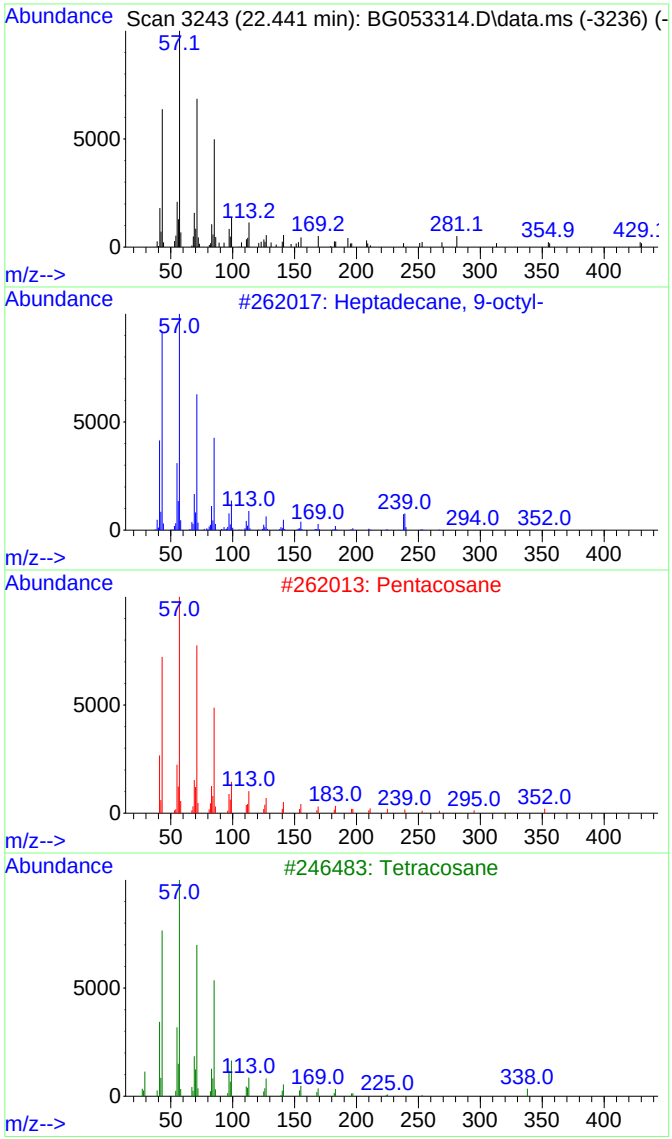
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

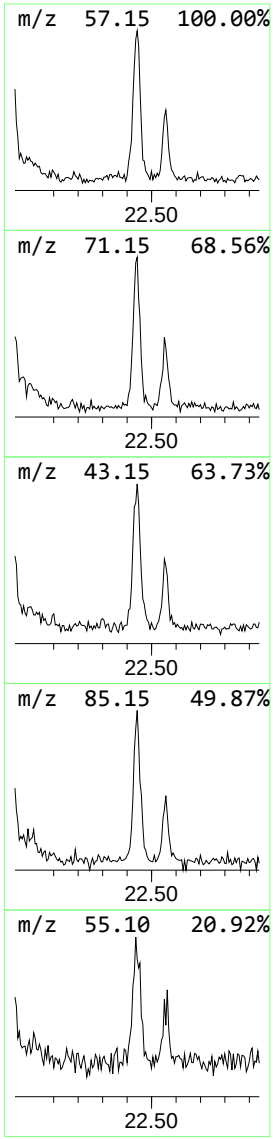
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptadecane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.441	3.54 ng	103212	Chrysene-d12	21.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Pentacosane	352	C25H52	000629-99-2	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

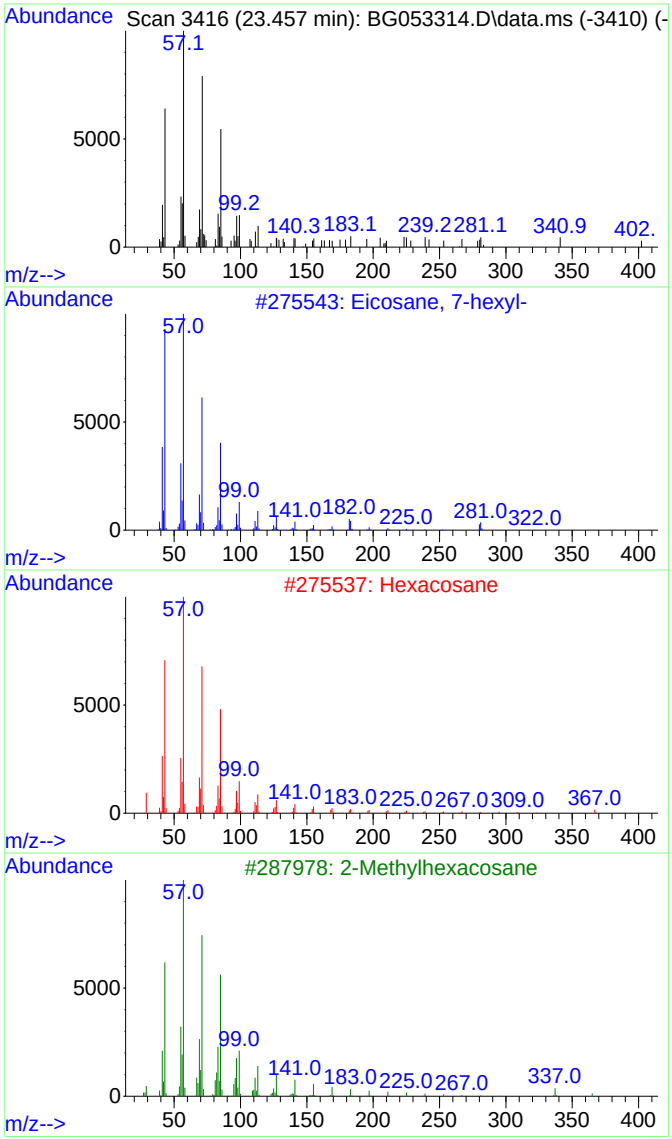
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

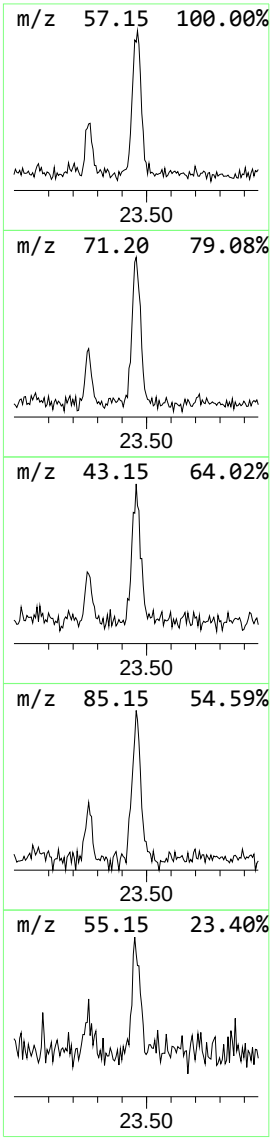
****

Peak Number 5 Eicosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.457	2.93 ng	81413	Perylene-d12	25.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	2-Methylhexacosane	380	C27H56	001561-02-0	87
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

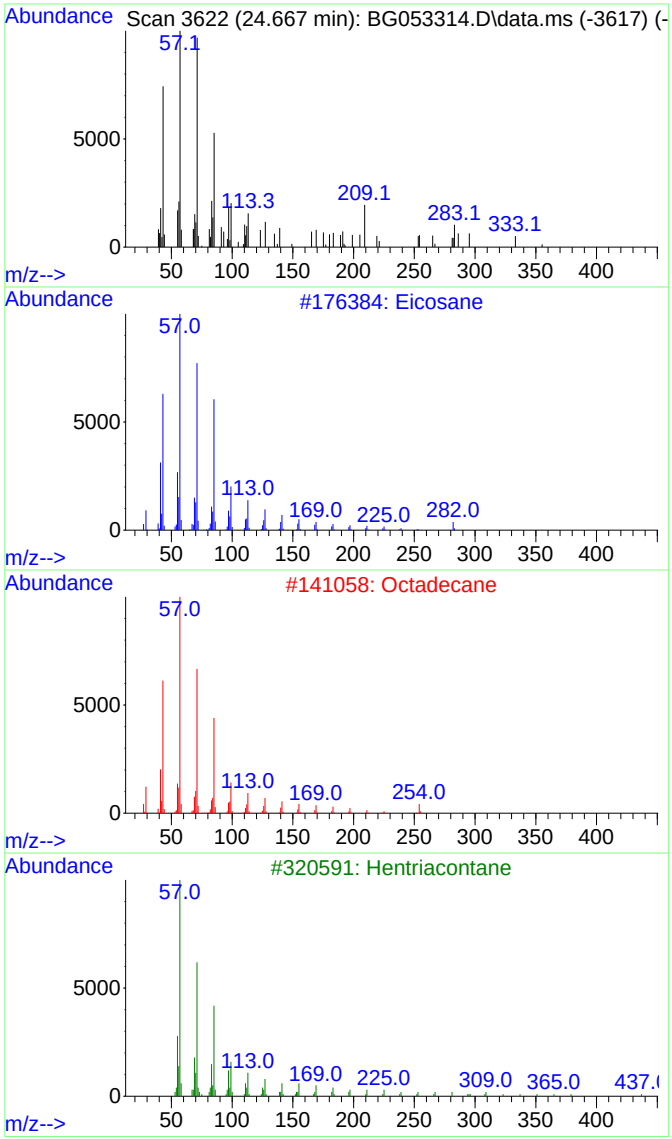
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

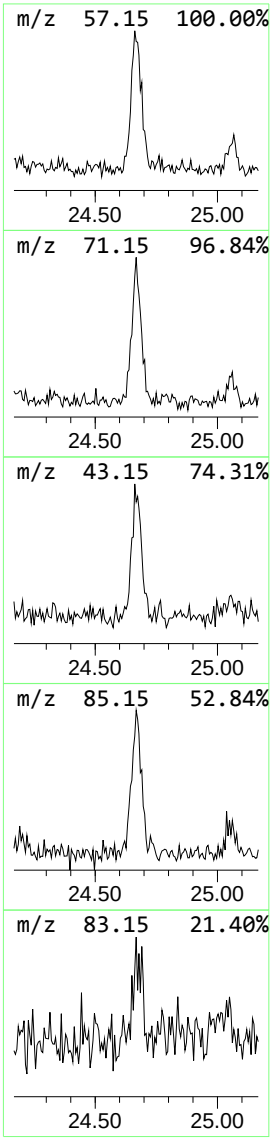
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.667	2.24 ng	62240	Perylene-d12	25.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Octadecane	254	C18H38	000593-45-3	70
3	Hentriacontane	437	C31H64	000630-04-6	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Triacontane	422	C30H62	000638-68-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053314.D
Acq On : 26 Apr 2022 10:39
Operator : CG/JU
Sample : PB144297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144297BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetratetracontane	19.980	2.0	ng	58487	5	21.760	582650	20.0
Heptadecane	20.755	2.9	ng	83145	5	21.760	582650	20.0
Hexacosane	21.542	3.1	ng	90875	5	21.760	582650	20.0
Heptadecane, 9-...	22.441	3.5	ng	103212	5	21.760	582650	20.0
Eicosane, 7-hexyl-	23.457	2.9	ng	81413	6	25.055	554861	20.0
Eicosane	24.667	2.2	ng	62240	6	25.055	554861	20.0