LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060416.D
Acq On : 24 Jan 2024 15:31
Operator : MA/JU
Sample : PB158598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158598BL

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	404	411	429	rBV	3911765	6230372	29.12%	6.606%
2	7.096	674	682	699	rBV	3823384	6833467	31.94%	7.245%
3	7.931	817	824	835	rBV	662440	1142416	5.34%	1.211%
4	9.094	1014	1022	1041	rBV	2551834	4626233	21.62%	4.905%
5	10.733	1293	1301	1310	rBV	1014424	1806236	8.44%	1.915%
6	13.189	1712	1719	1732	rBV	7819283	12407467	57.99%	13.155%
7	14.564	1946	1953	1962	rBV	2000146	3192387	14.92%	3.385%
8	16.056	2199	2207	2223	rBV	6713163	10540889	49.27%	11.176%
9	17.314	2412	2421	2432	rBV	3069911	4767607	22.28%	5.055%
10	19.617	2807	2813	2818	rVB3	217122	285850	1.34%	0.303%
11	19.934	2860	2867	2881	rBV	14912190	21394316	100.00%	22.684%
12	21.573	3140	3146	3158	rBV2	3057747	5023455	23.48%	5.326%
13	22.355	3274	3279	3284	rVB2	185421	309504	1.45%	0.328%
14	23.031	3388	3394	3400	rVB2	430981	774142	3.62%	0.821%
15	23.818	3521	3528	3536	rVB	592571	1199914	5.61%	1.272%
16	24.740	3675	3685	3699	rBV2	2485333	6679090	31.22%	7.082%
17	25.851	3865	3874	3884	rVB2	650768	1894362	8.85%	2.009%
18	27.179	4090	4100	4113	rVB2	603813	2129461	9.95%	2.258%
19	28.771	4362	4371	4385	rVB3	396377	1570068	7.34%	1.665%
20	30.710	4691	4701	4720	rVB4	300604	1508536	7.05%	1.599%

Sum of corrected areas: 94315772

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
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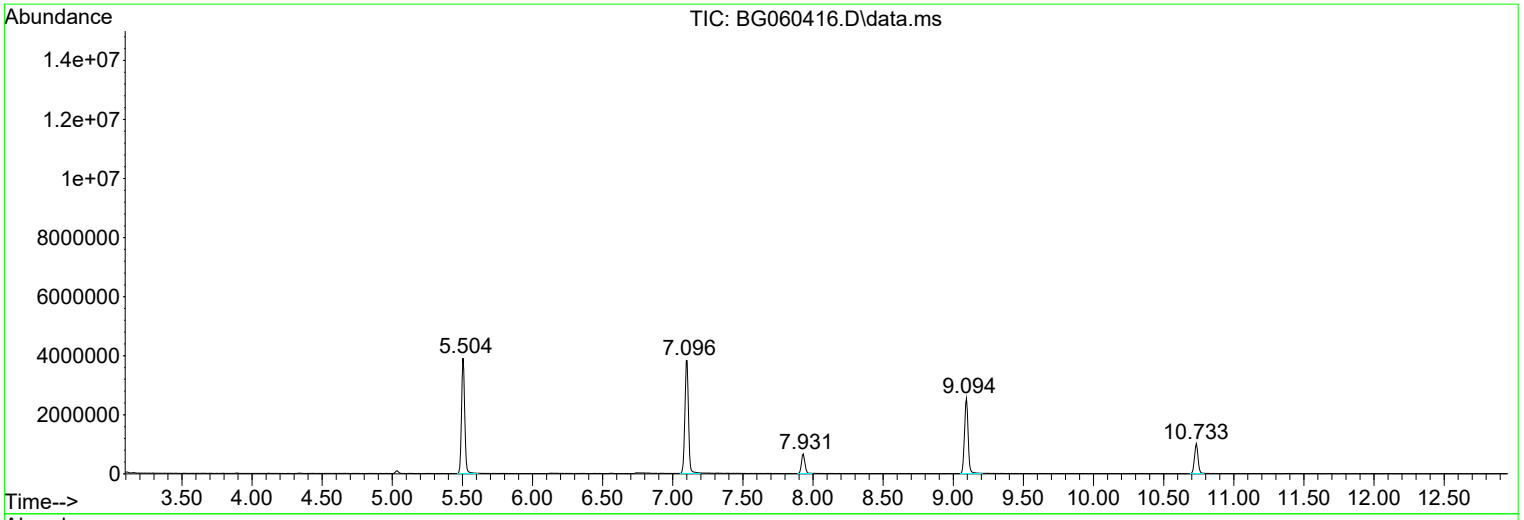
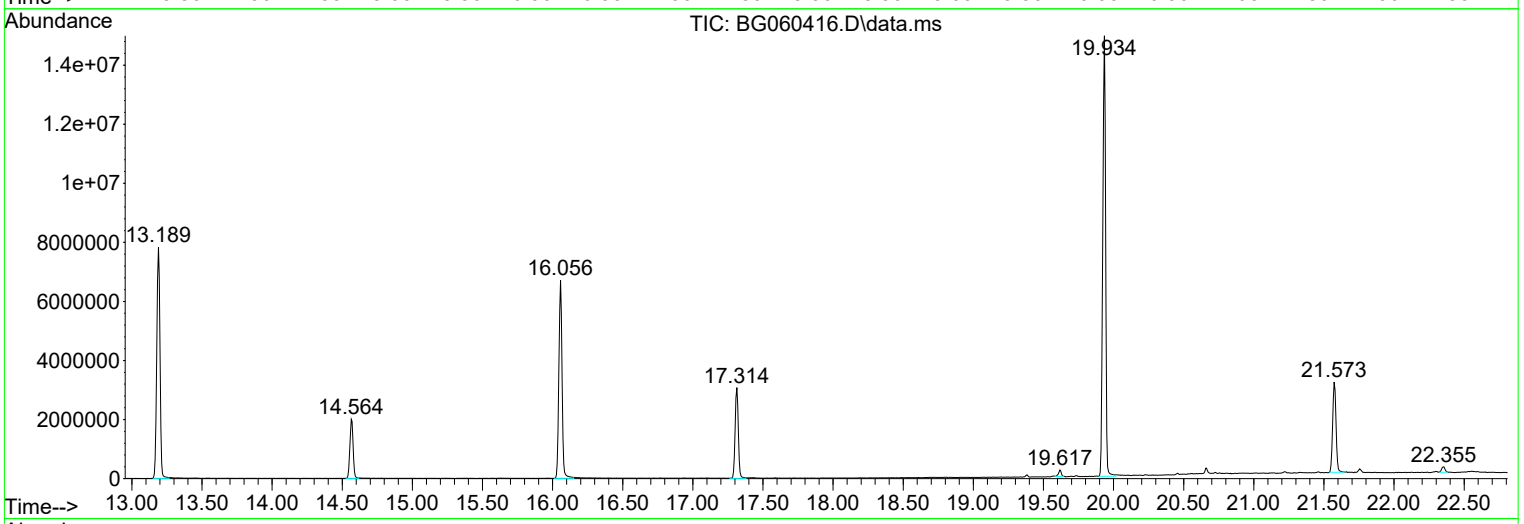
Misc :
ALS Vial : 5 Sample Multiplier: 1

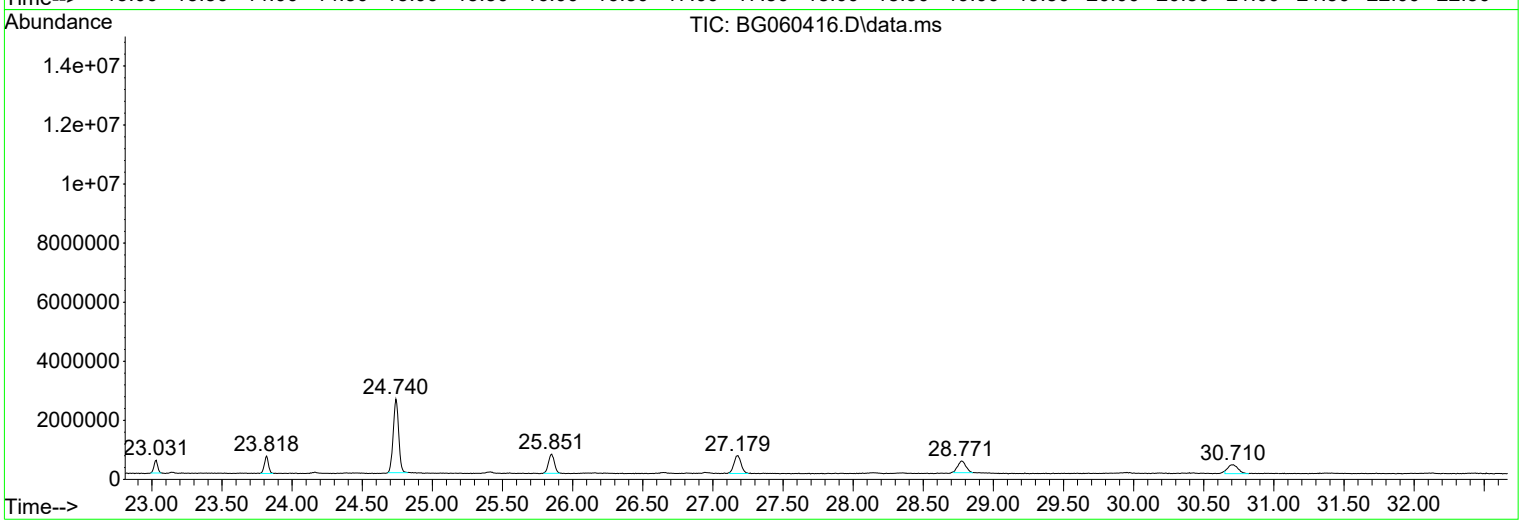
Instrument :
BNA_G
ClientSampleId :
PB158598BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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Data File : BG060416.D
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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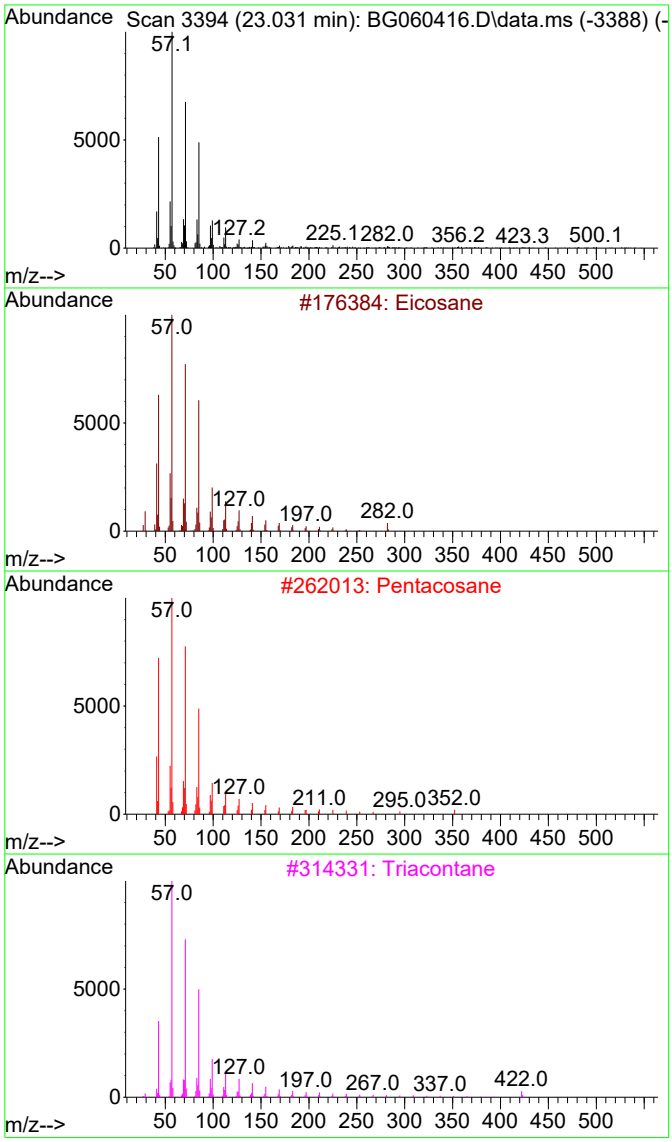
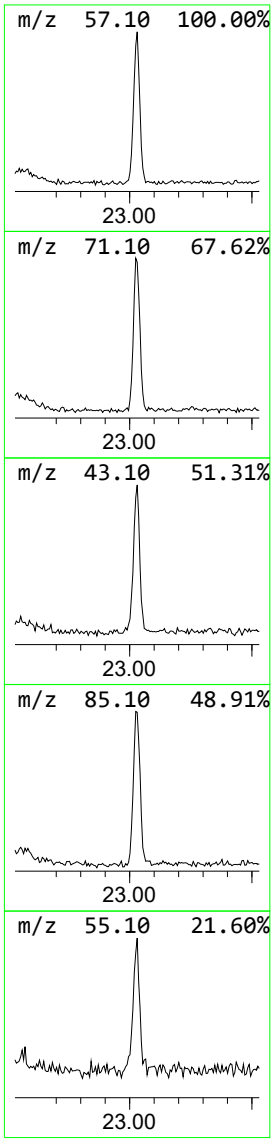
Peak Number 1 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.031	3.08 ng	774142	Chrysene-d12	21.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentacosane	352	C25H52	000629-99-2	93
3	Triacontane	422	C30H62	000638-68-6	89
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Data File : BG060416.D
Acq On : 24 Jan 2024 15:31
Operator : MA/JU
Sample : PB158598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158598BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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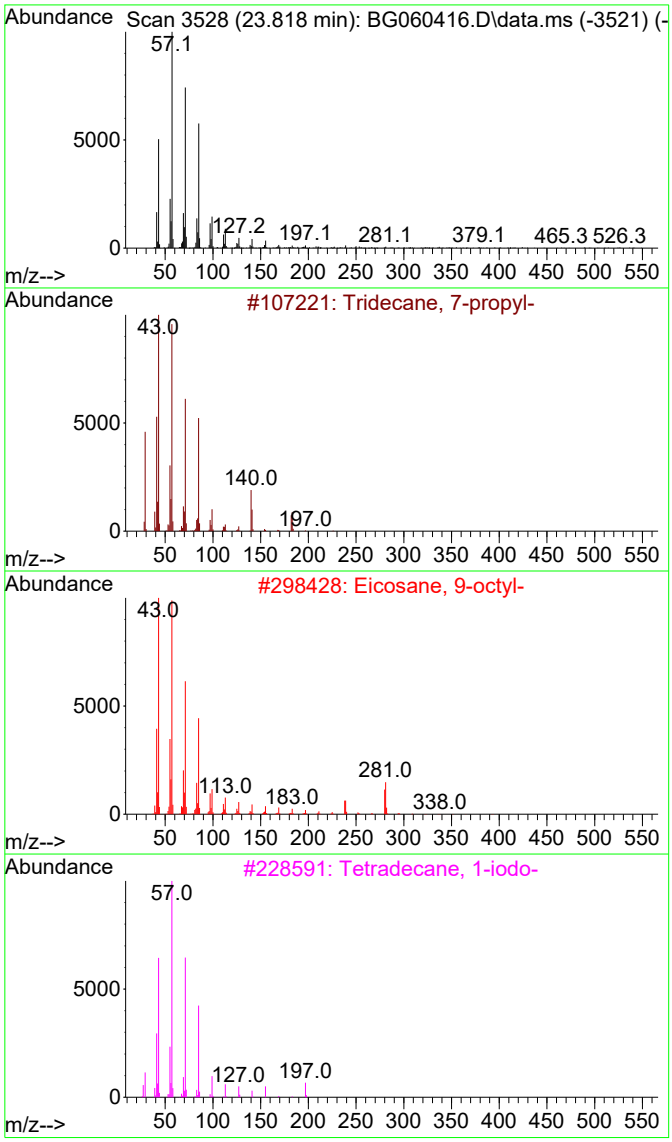
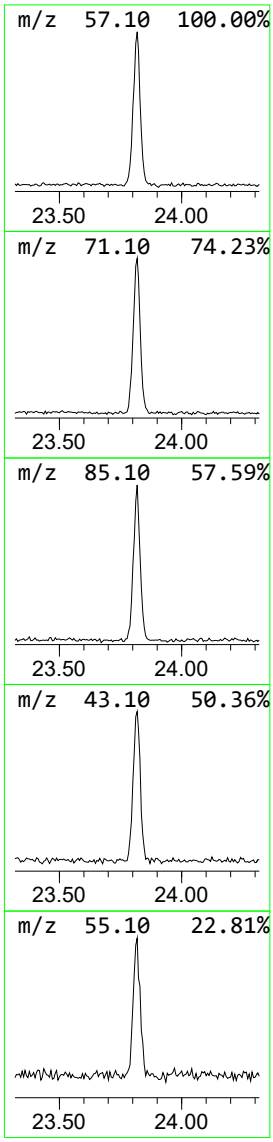
Peak Number 2 Tridecane, 7-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.818	3.59 ng	1199910	Perylene-d12	24.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Hexadecane	226	C16H34	000544-76-3	70





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Data File : BG060416.D
Acq On : 24 Jan 2024 15:31
Operator : MA/JU
Sample : PB158598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158598BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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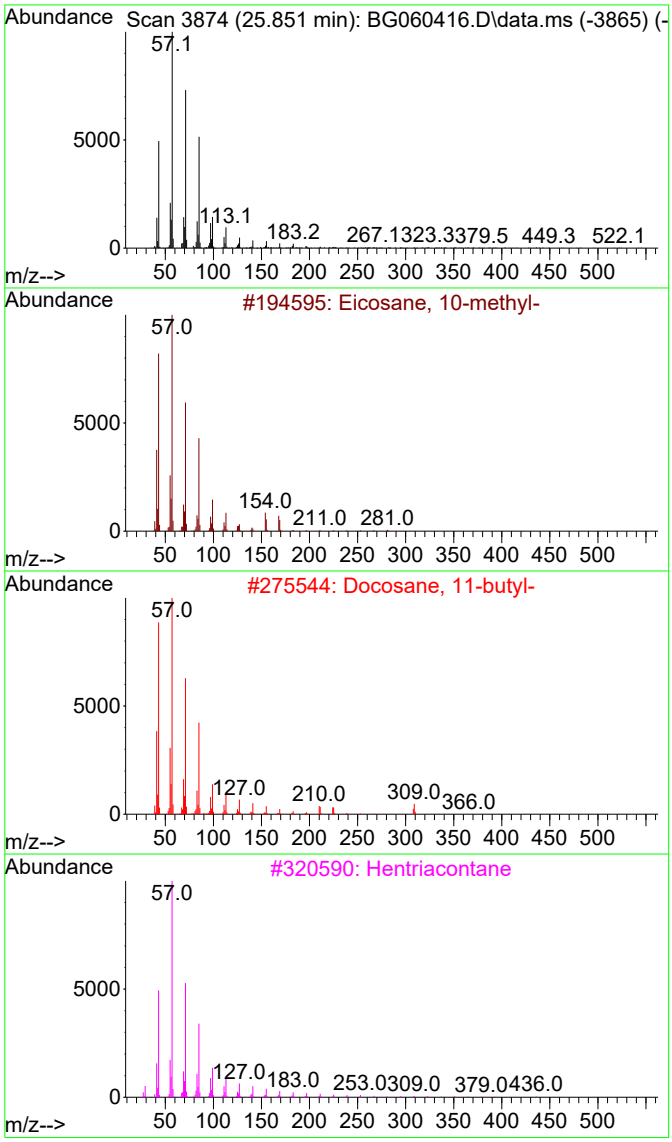
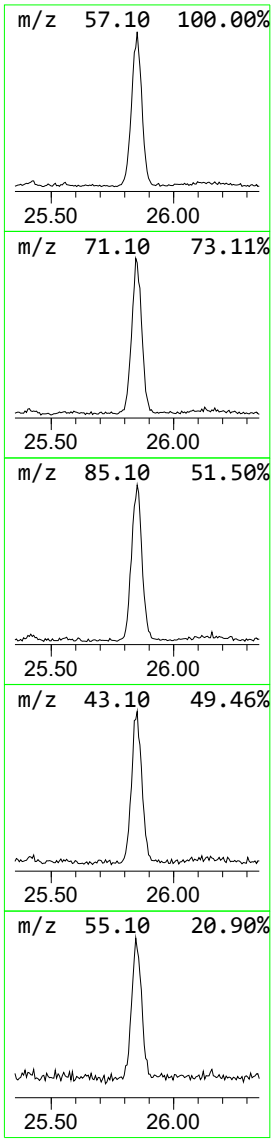
Peak Number 3 Eicosane, 10-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.851	5.67 ng	1894360	Perylene-d12	24.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Hentriacontane	437	C31H64	000630-04-6	92
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060416.D
Acq On : 24 Jan 2024 15:31
Operator : MA/JU
Sample : PB158598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158598BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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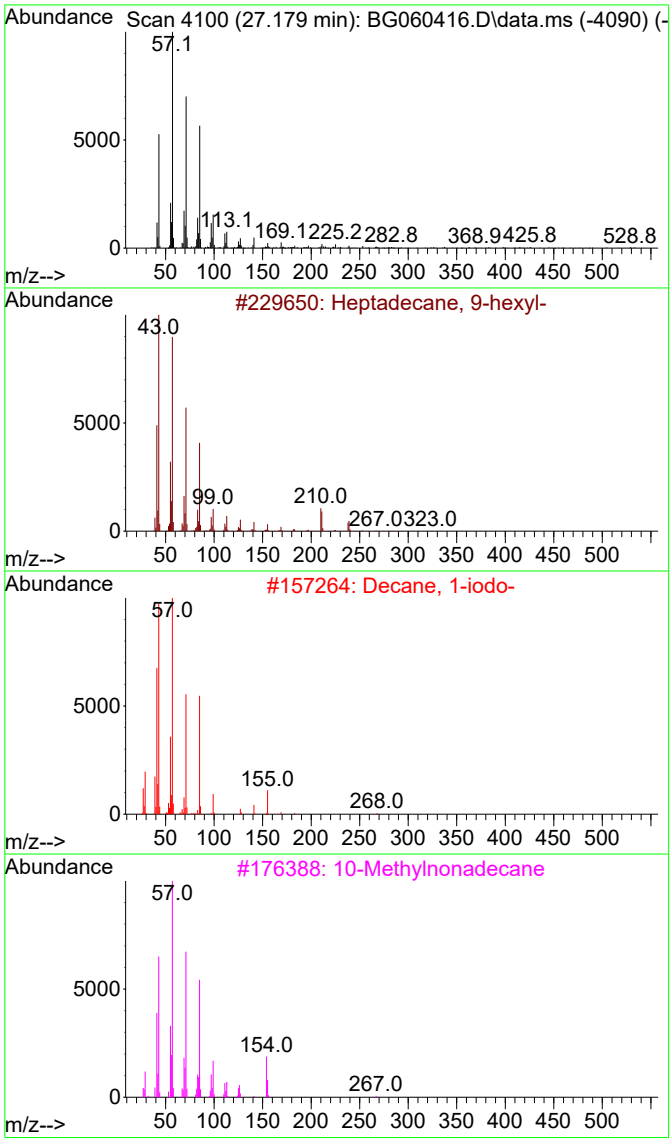
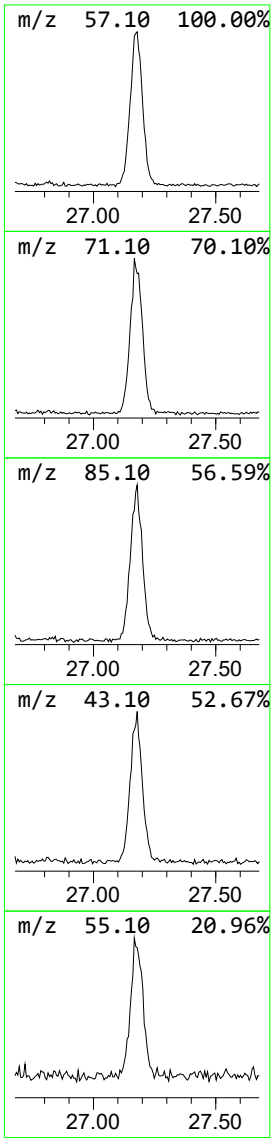
Peak Number 4 Heptadecane, 9-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.179	6.38 ng	2129460	Perylene-d12	24.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060416.D
Acq On : 24 Jan 2024 15:31
Operator : MA/JU
Sample : PB158598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158598BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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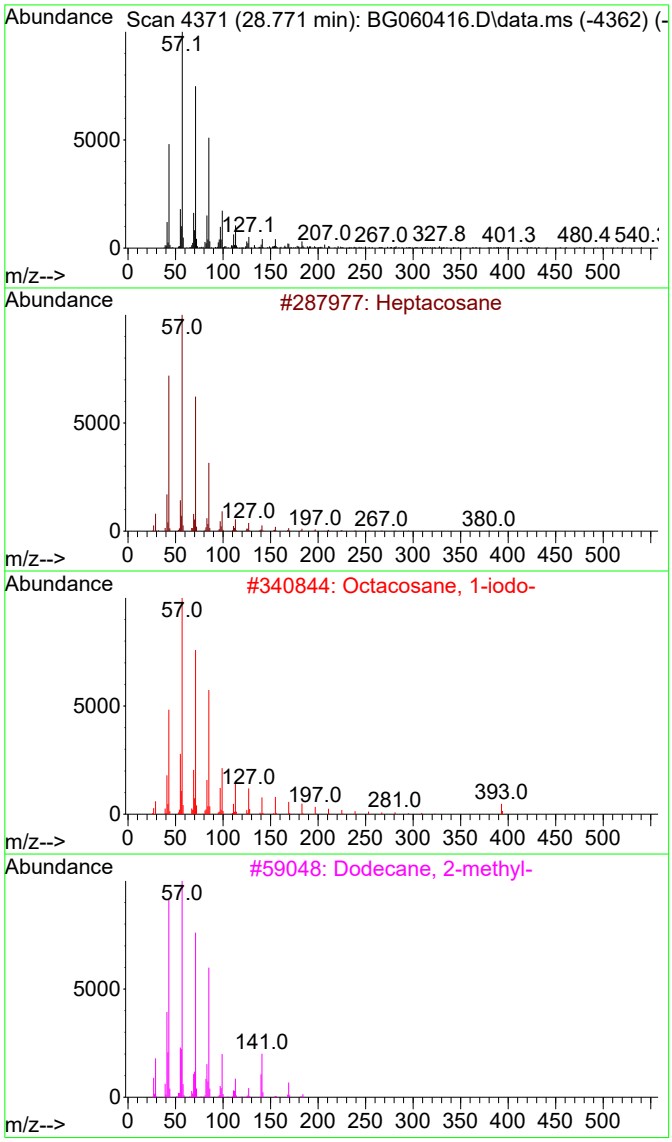
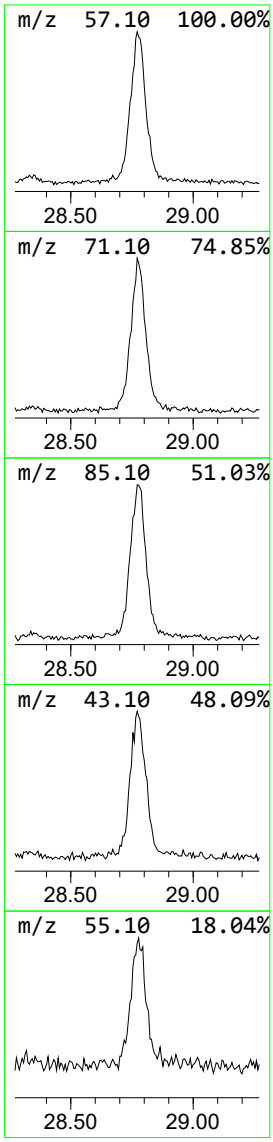
Peak Number 5 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.771	4.70 ng	1570070	Perylene-d12	24.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	90





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Operator : MA/JU
Sample : PB158598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158598BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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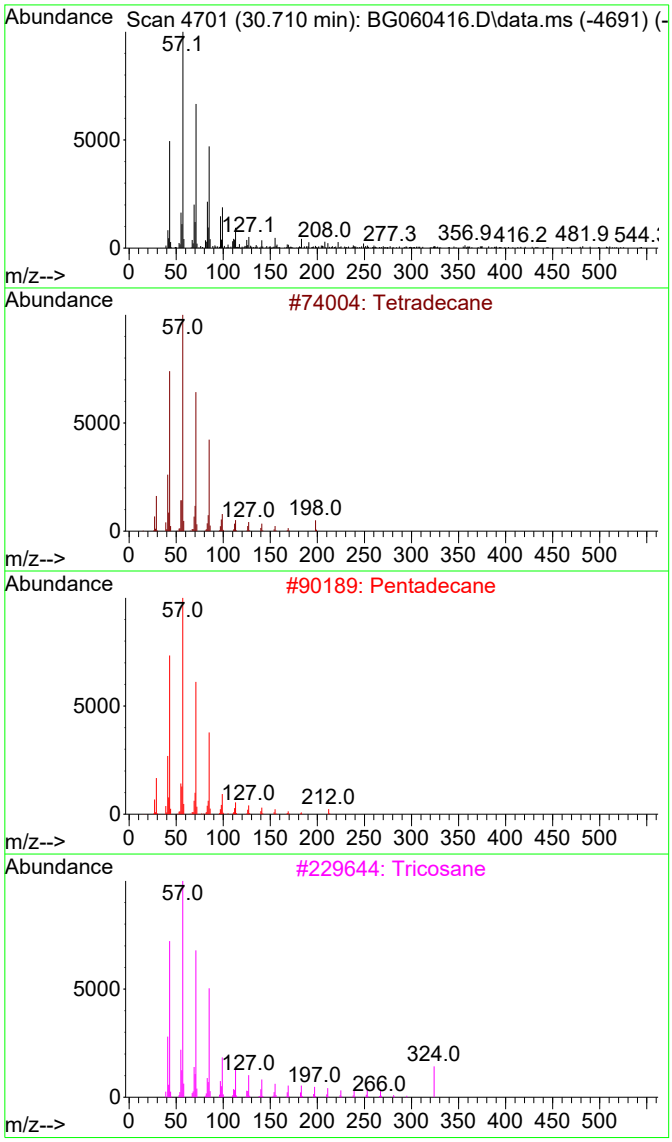
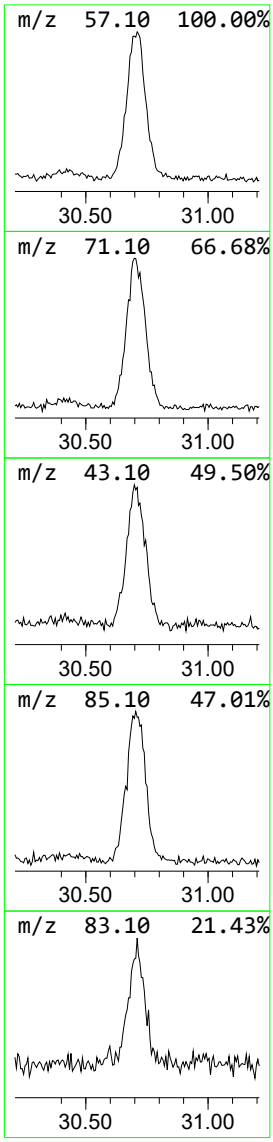
Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.710	4.52 ng	1508540	Perylene-d12	24.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Pentadecane	212	C15H32	000629-62-9	81
3	Tricosane	324	C23H48	000638-67-5	81
4	Octacosane	394	C28H58	000630-02-4	74
5	Heptadecane	240	C17H36	000629-78-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
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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
Eicosane	23.031	3.1	ng	774142	5	21.573	5023460	20.0
Tridecane, 7-pr...	23.818	3.6	ng	1199910	6	24.740	6679090	20.0
Eicosane, 10-me...	25.851	5.7	ng	1894360	6	24.740	6679090	20.0
Heptadecane, 9-...	27.179	6.4	ng	2129460	6	24.740	6679090	20.0
Heptacosane	28.771	4.7	ng	1570070	6	24.740	6679090	20.0
Tetradecane	30.710	4.5	ng	1508540	6	24.740	6679090	20.0