LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060351.D
Acq On : 18 Jan 2024 14:03
Operator : MA/JU
Sample : PB158482BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158482BL

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: BG060351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.503	404	411	429	rBV	5650192	8835894	32.14%	7.689%
2	7.095	670	682	699	rBV	5402980	9412716	34.24%	8.191%
3	7.929	816	824	842	rBV	883528	1546664	5.63%	1.346%
4	9.093	1013	1022	1035	rBV	3216721	5846247	21.27%	5.087%
5	10.732	1292	1301	1308	rBV	1268959	2242988	8.16%	1.952%
6	13.188	1711	1719	1737	rBV	9297969	15157481	55.14%	13.190%
7	14.563	1946	1953	1963	rBV	2457721	3815094	13.88%	3.320%
8	16.055	2199	2207	2227	rBV	8326513	12582685	45.77%	10.949%
9	17.312	2414	2421	2433	rBV	3821144	5703143	20.75%	4.963%
10	19.621	2807	2814	2823	rVB2	232826	333669	1.21%	0.290%
11	19.933	2860	2867	2880	rBV	19190212	27488226	100.00%	23.920%
12	21.572	3140	3146	3161	rBV2	4033583	6733734	24.50%	5.860%
13	23.029	3388	3394	3402	rVB2	309153	583687	2.12%	0.508%
14	23.822	3521	3529	3539	rBV2	430450	895120	3.26%	0.779%
15	24.739	3673	3685	3700	rBV	2835752	8308315	30.22%	7.230%
16	25.855	3865	3875	3890	rBV4	466247	1438135	5.23%	1.251%
17	27.189	4090	4102	4116	rBV3	416383	1496874	5.45%	1.303%
18	28.787	4360	4374	4388	rBV4	263106	1216194	4.42%	1.058%
19	30.720	4688	4703	4720	rBV6	223866	1281417	4.66%	1.115%

Sum of corrected areas: 114918283

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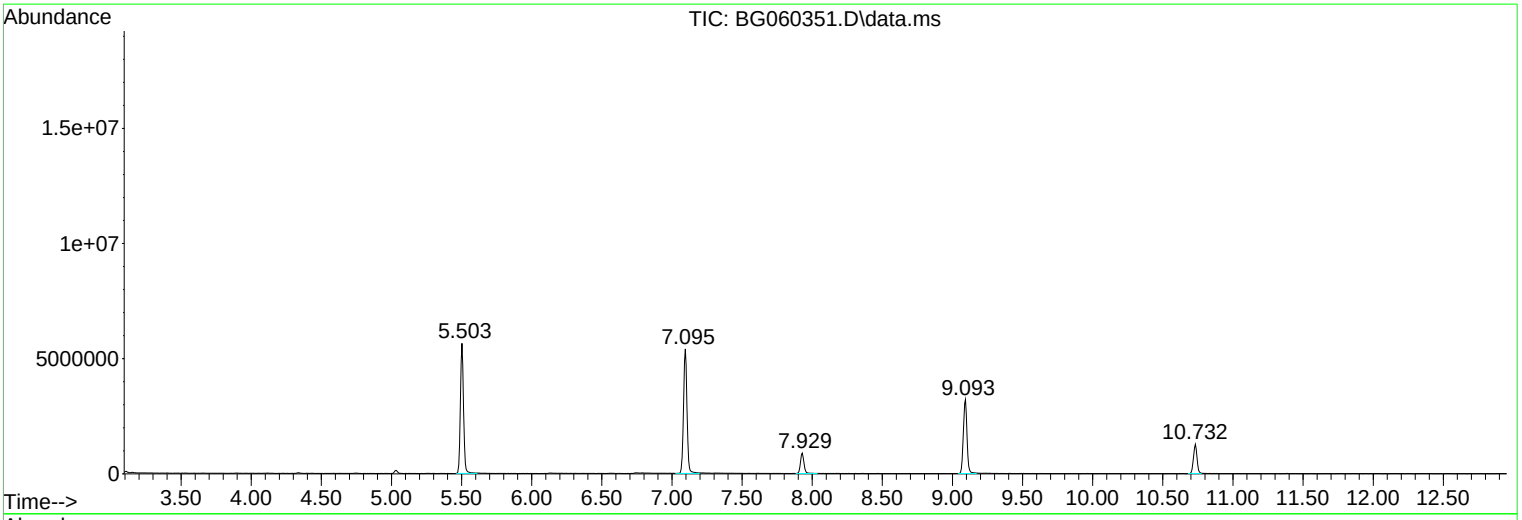
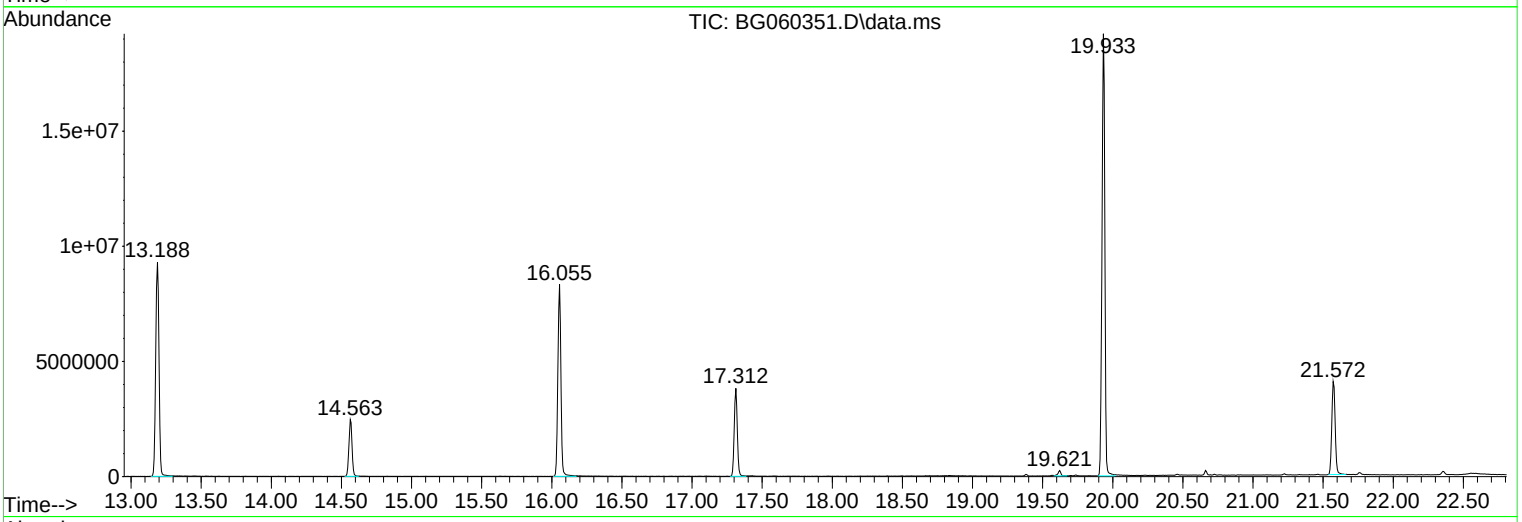
Misc :
ALS Vial : 3 Sample Multiplier: 1

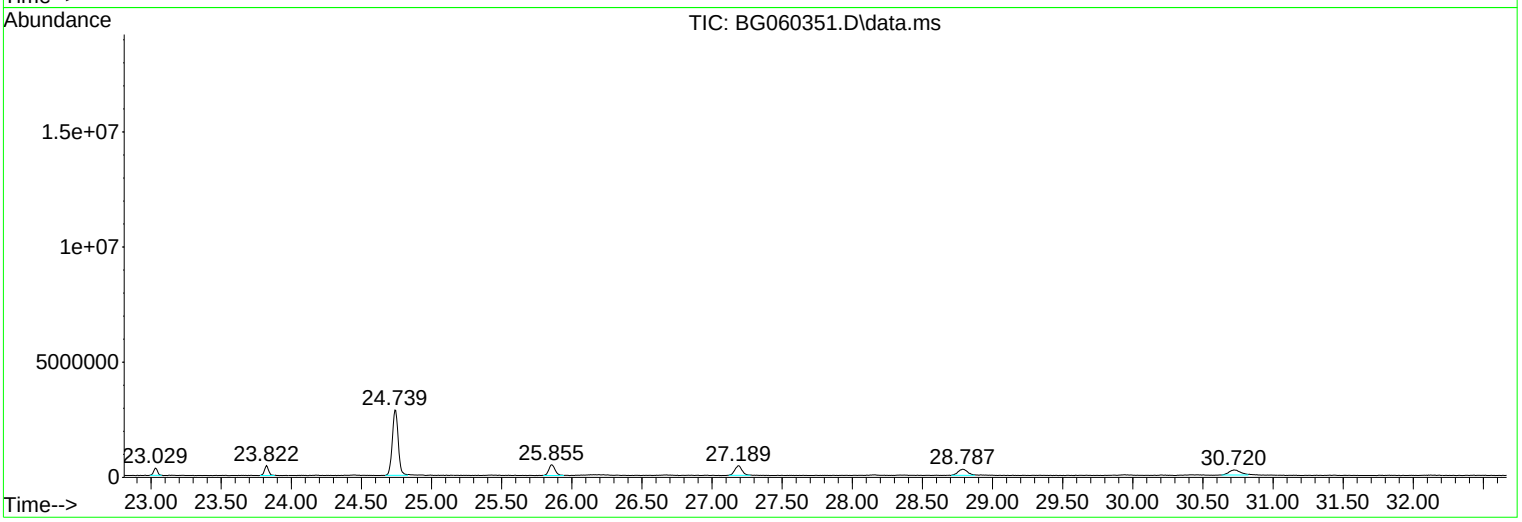
Instrument :
BNA_G
ClientSampleId :
PB158482BL

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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TIC Integration Parameters: LSCINT.P

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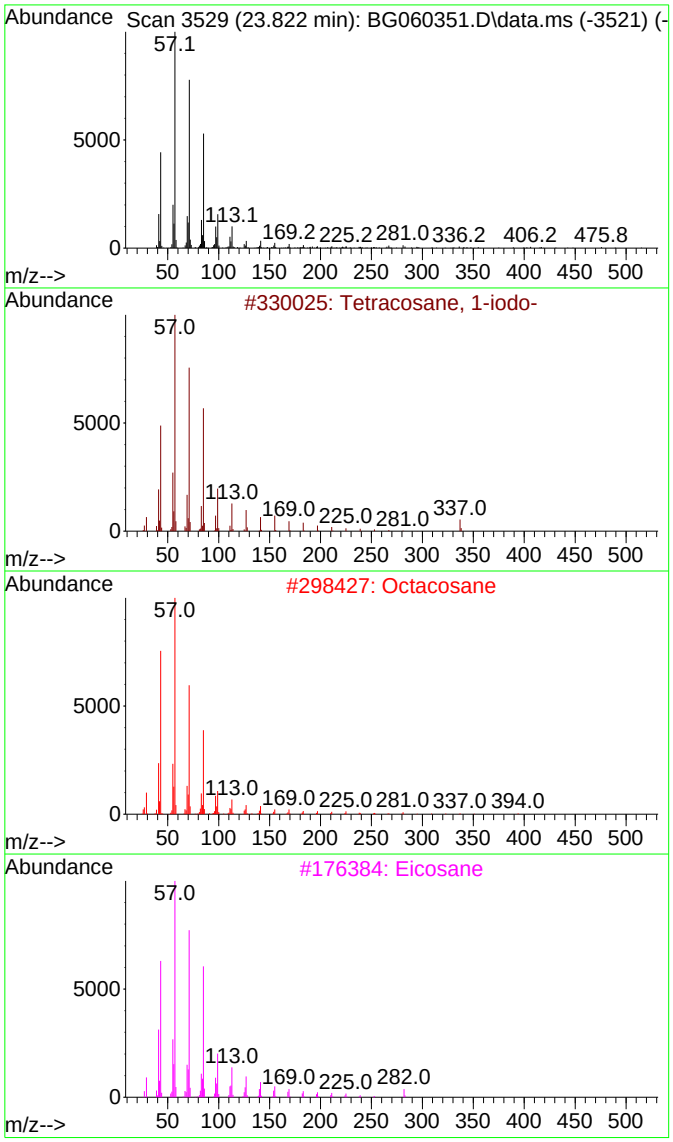
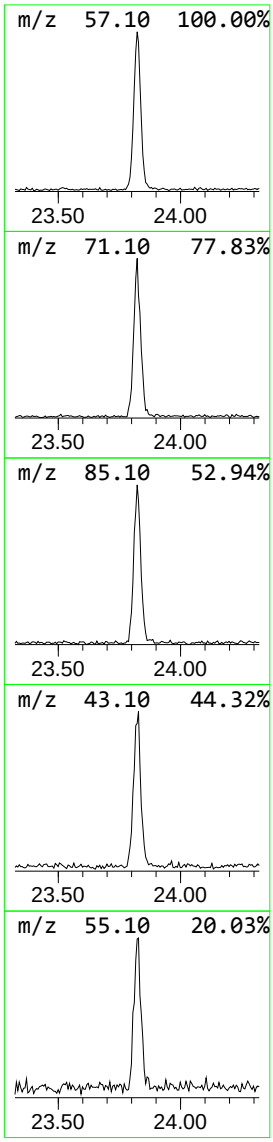
Peak Number 1 Tetracosane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.822	2.15 ng	895120	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
5	Tetracosane	338	C24H50	000646-31-1	90





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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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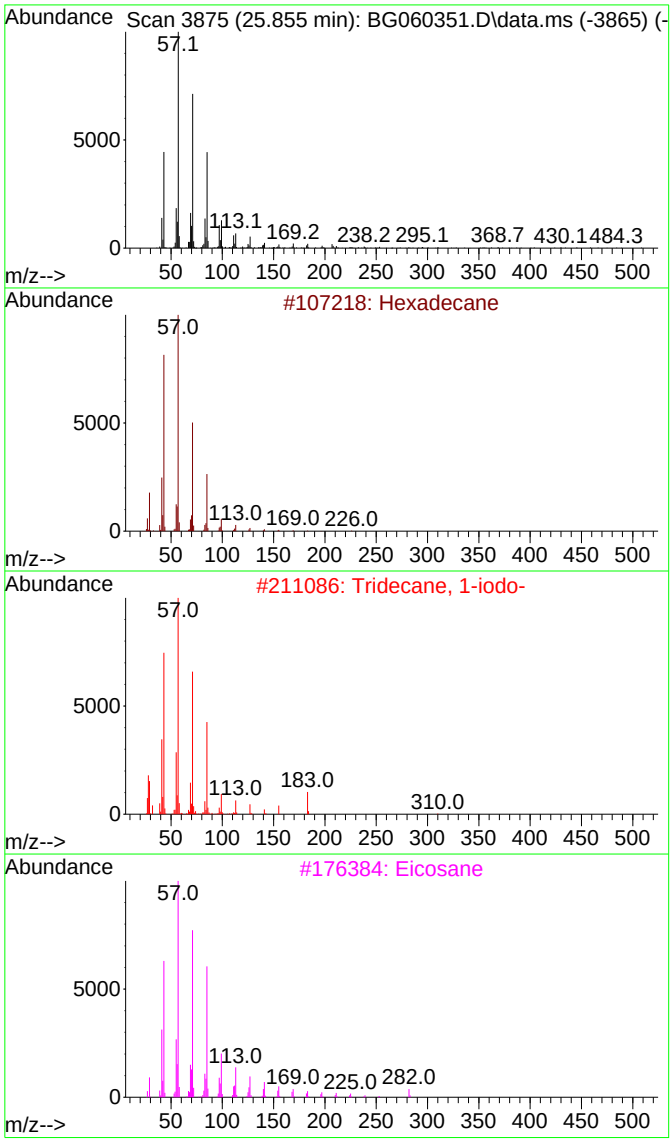
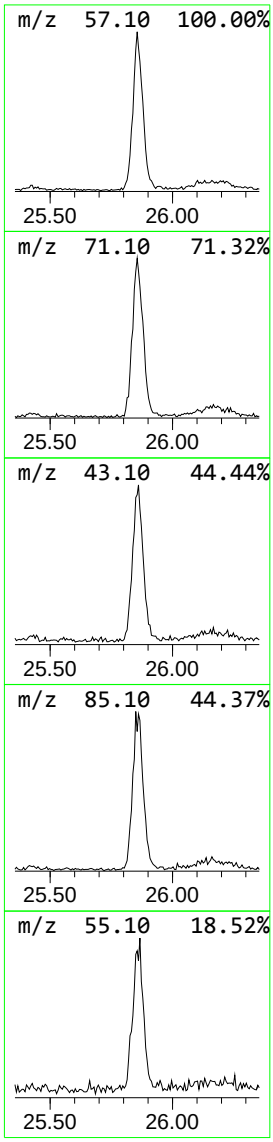
Peak Number 2 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.855	3.46 ng	1438140	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BG060351.D
Acq On : 18 Jan 2024 14:03
Operator : MA/JU
Sample : PB158482BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158482BL

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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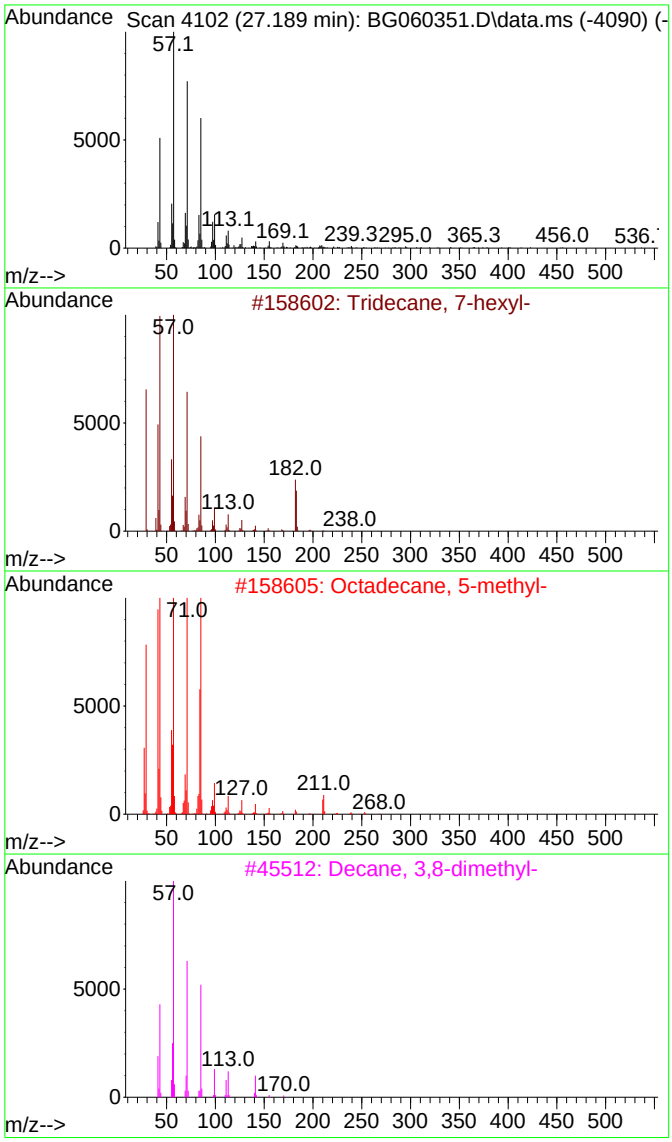
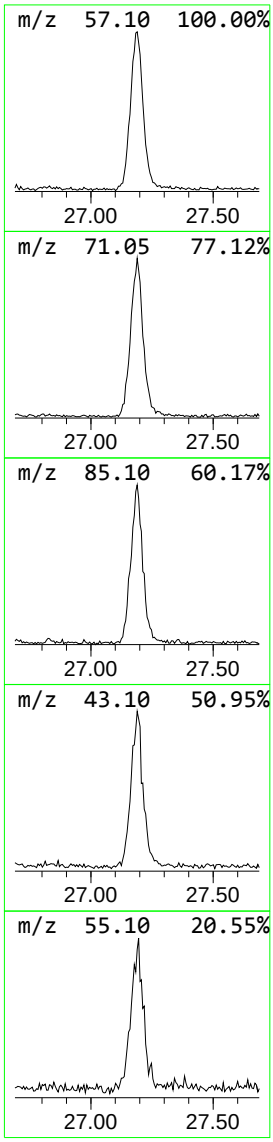
Peak Number 3 Tridecane, 7-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.189	3.60 ng	1496870	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2	Octadecane, 5-methyl-	268	C19H40	025117-35-5	83
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
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TIC Library : C:\Database\NIST20.L
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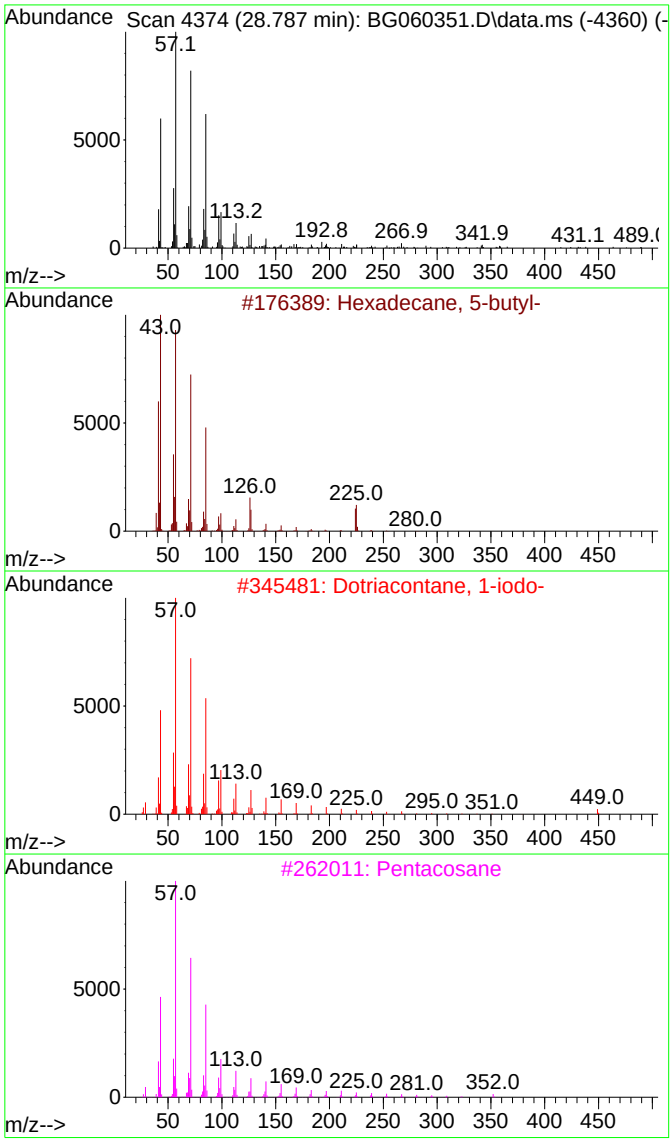
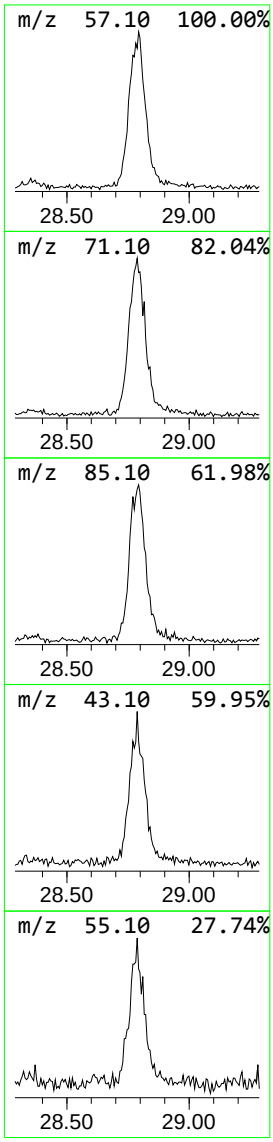
Peak Number 4 Hexadecane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.787	2.93 ng	1216190	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





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Operator : MA/JU
Sample : PB158482BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PB158482BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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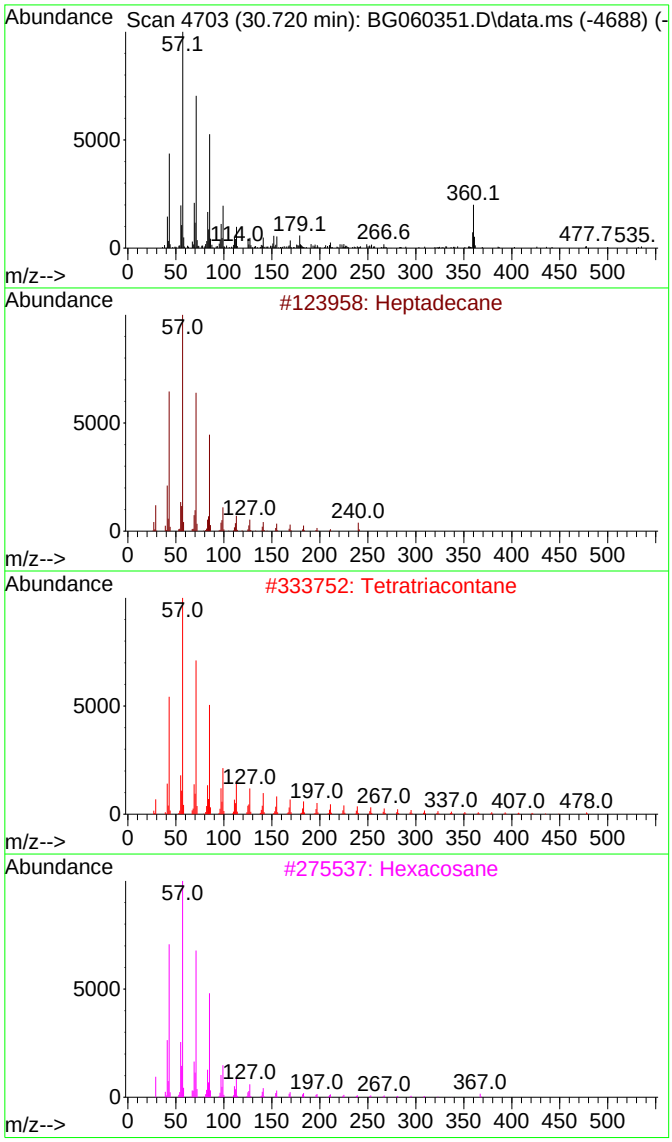
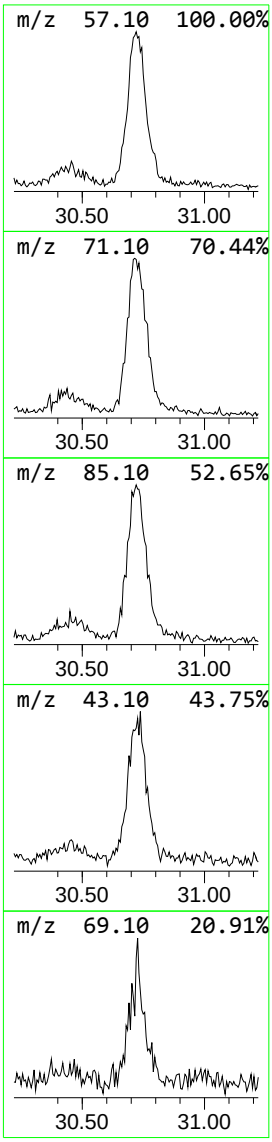
Peak Number 5 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.720	3.08 ng	1281420	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetratriacontane	479	C34H70	014167-59-0	76
3	Hexacosane	366	C26H54	000630-01-3	68
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	68
5	Docosane	310	C22H46	000629-97-0	68





Tentatively Identified Compound (LSC) summary

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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
Tetracosane, 1-...	23.822	2.1	ng	895120	6	24.739	8308320	20.0
Hexadecane	25.855	3.5	ng	1438140	6	24.739	8308320	20.0
Tridecane, 7-he...	27.189	3.6	ng	1496870	6	24.739	8308320	20.0
Hexadecane, 5-b...	28.787	2.9	ng	1216190	6	24.739	8308320	20.0
Heptadecane	30.720	3.1	ng	1281420	6	24.739	8308320	20.0