LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
Data File : BG060841.D
Acq On : 9 Apr 2024 12:18
Operator : MA/JU
Sample : P2008-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.093	12	18	27	rBV2	34179	95609	2.01%	0.523%
2	3.175	27	32	47	rVB	311729	623195	13.12%	3.407%
3	5.537	427	434	444	rVB	539251	901676	18.99%	4.930%
4	7.106	694	701	710	rVB	360206	620930	13.07%	3.395%
5	7.946	835	844	853	rBV	224131	385537	8.12%	2.108%
6	9.104	1032	1041	1050	rBV	599200	1077401	22.69%	5.891%
7	10.743	1309	1320	1328	rBV	299311	521583	10.98%	2.852%
8	13.205	1729	1739	1745	rBV	1523236	2407871	50.70%	13.165%
9	14.574	1965	1972	1980	rBV	479302	759457	15.99%	4.152%
10	16.060	2218	2225	2238	rBV	1350865	2150718	45.28%	11.759%
11	17.323	2432	2440	2447	rBV	647763	956496	20.14%	5.230%
12	18.228	2588	2594	2603	rBV2	54553	94404	1.99%	0.516%
13	19.403	2785	2794	2801	rBV2	49503	101275	2.13%	0.554%
14	19.509	2806	2812	2821	rBV4	34607	63805	1.34%	0.349%
15	19.950	2880	2887	2894	rBV	3570968	4749341	100.00%	25.967%
16	20.249	2932	2938	2946	rBV	76017	137109	2.89%	0.750%
17	20.984	3058	3063	3071	rVB	79403	145860	3.07%	0.798%
18	21.583	3159	3165	3172	rVB	663473	1033075	21.75%	5.648%
19	21.765	3191	3196	3202	rVB2	56756	106038	2.23%	0.580%
20	22.641	3338	3345	3353	rBV3	53119	111086	2.34%	0.607%
21	23.639	3508	3515	3524	rVB4	35740	83472	1.76%	0.456%
22	24.715	3688	3698	3708	rBV	404492	1094595	23.05%	5.985%
23	24.838	3714	3719	3727	rVB4	25499	69093	1.45%	0.378%

Sum of corrected areas: 18289626

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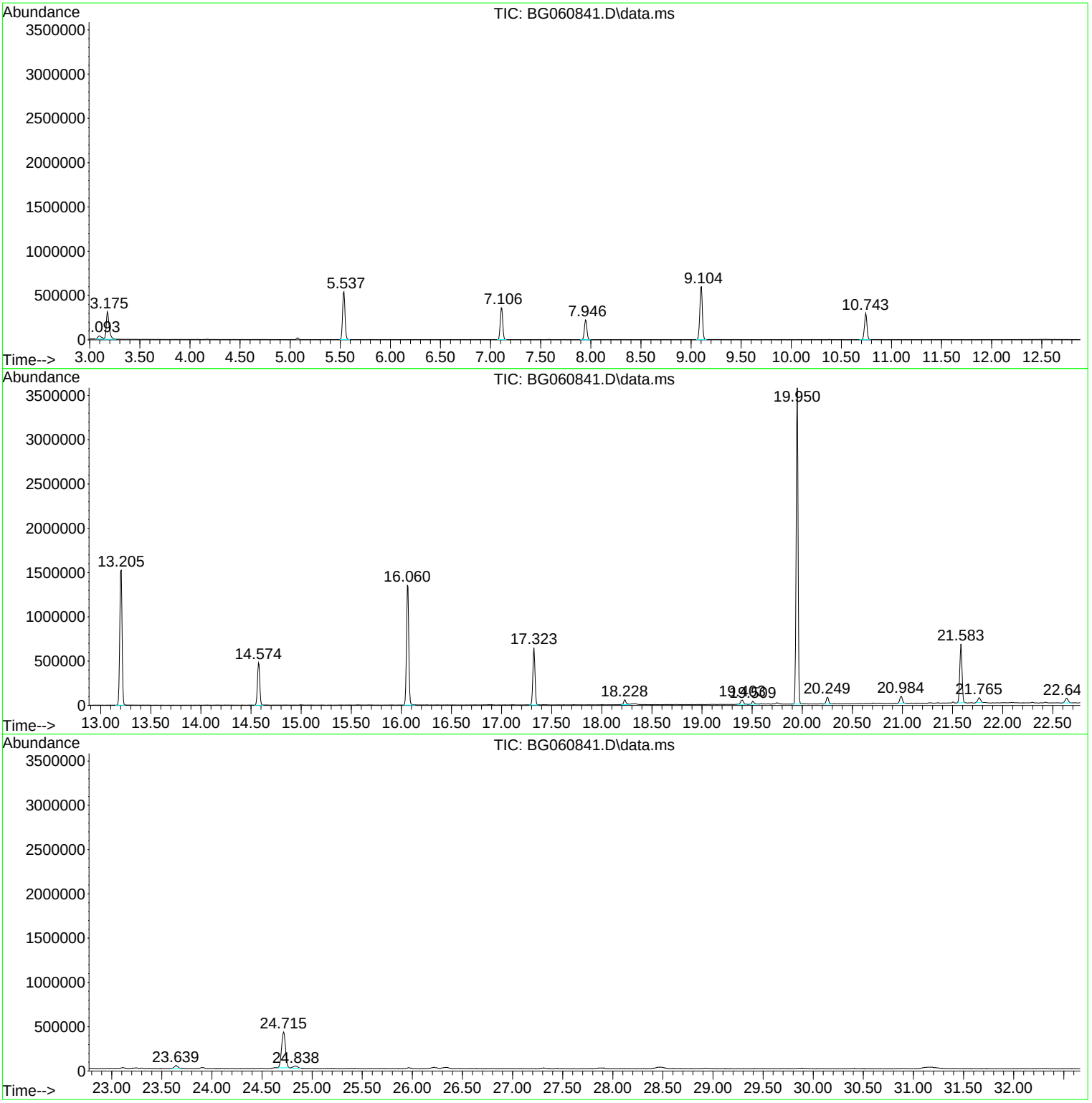
BNA_G
ClientSampleId :
SP-303-20240404

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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 : BG060841.D
Acq On : 9 Apr 2024 12:18
Operator : MA/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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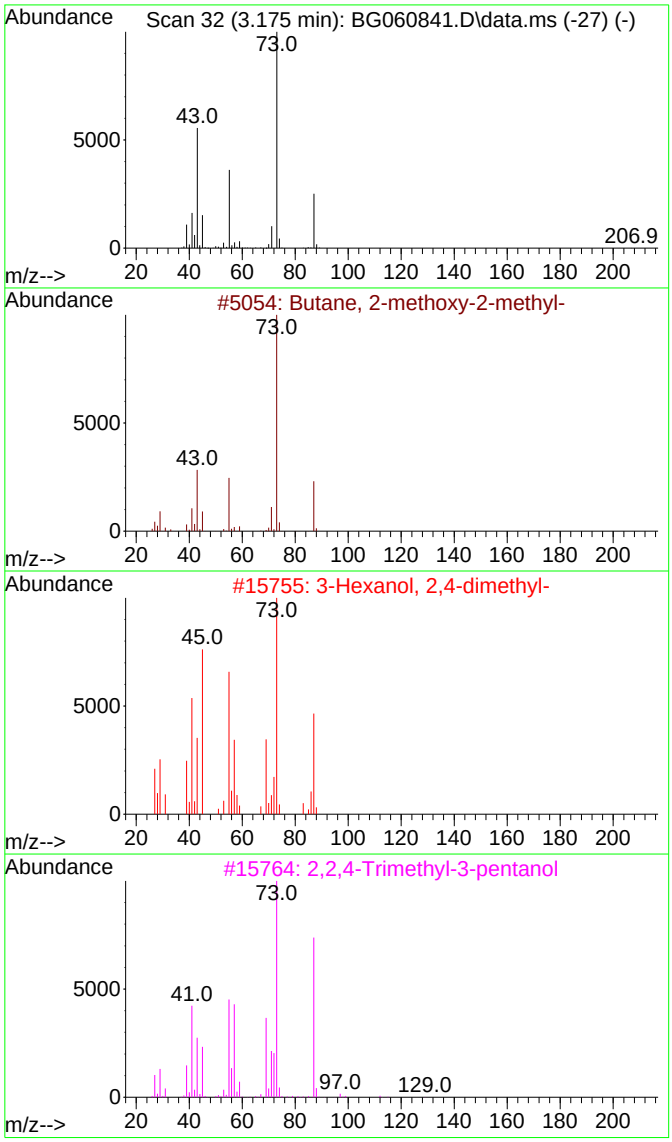
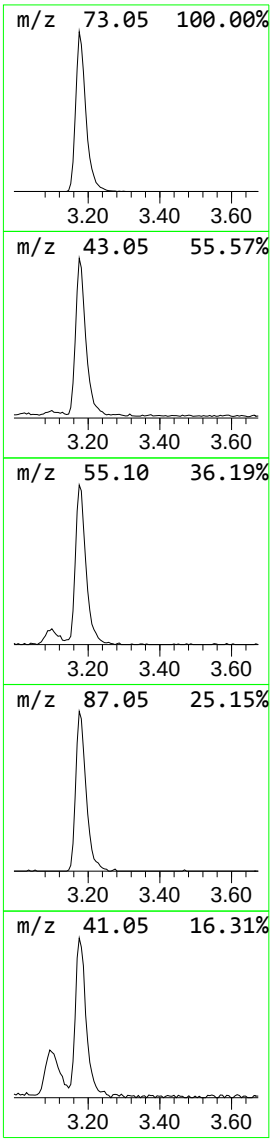
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	32.33 ng	623195	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





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Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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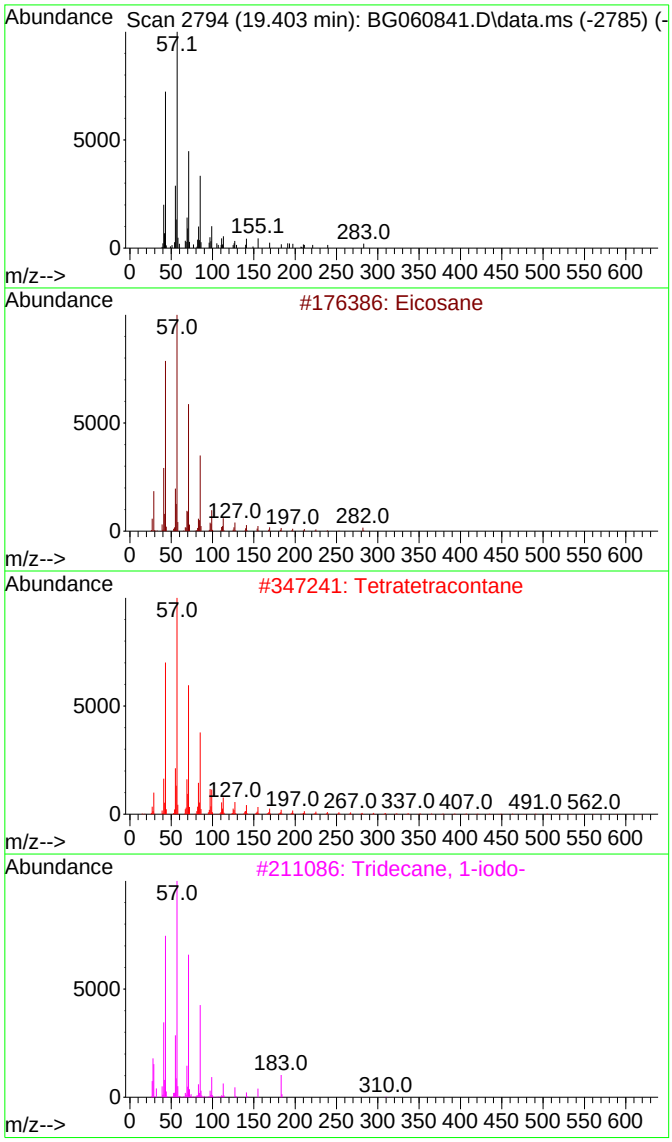
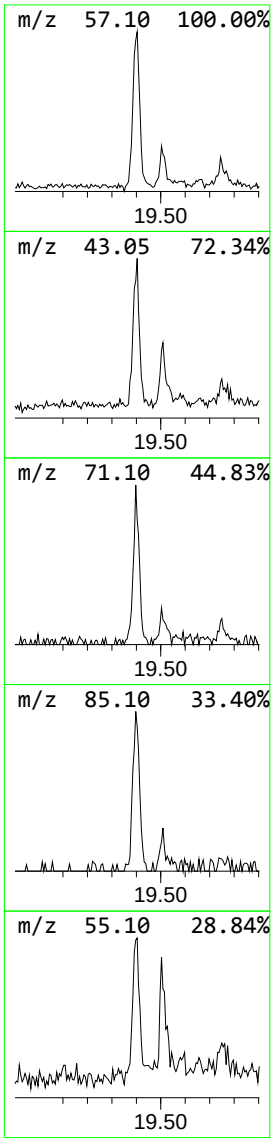
Peak Number 3 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	2.12 ng	101275	Phenanthrene-d10	17.323

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80





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Data File : BG060841.D
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Operator : MA/JU
Sample : P2008-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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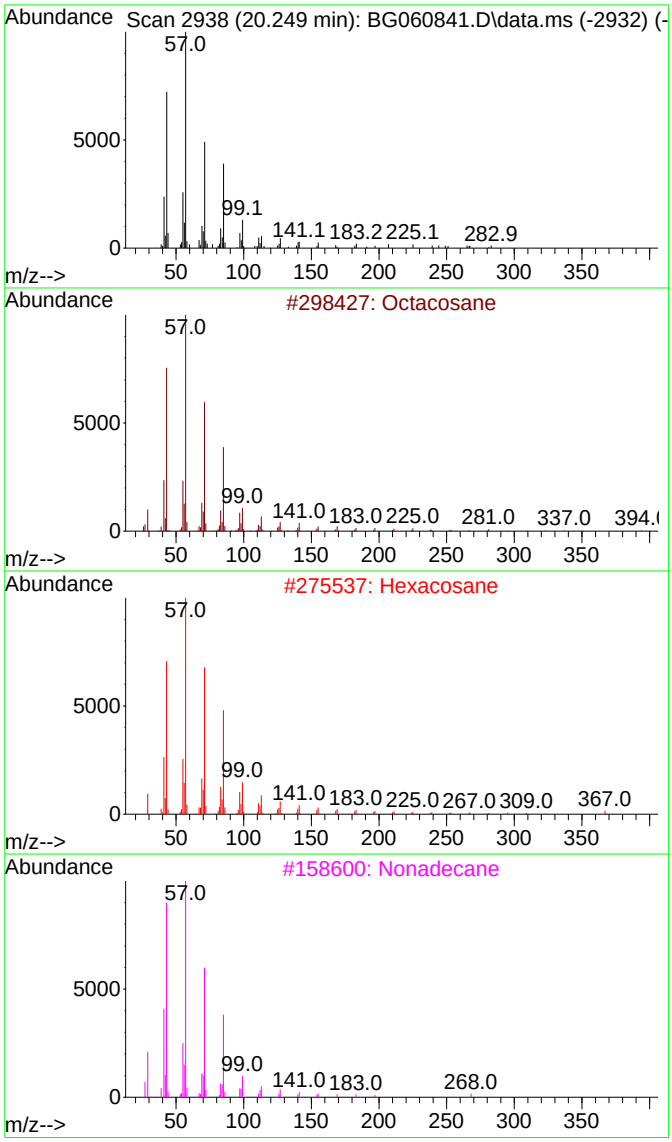
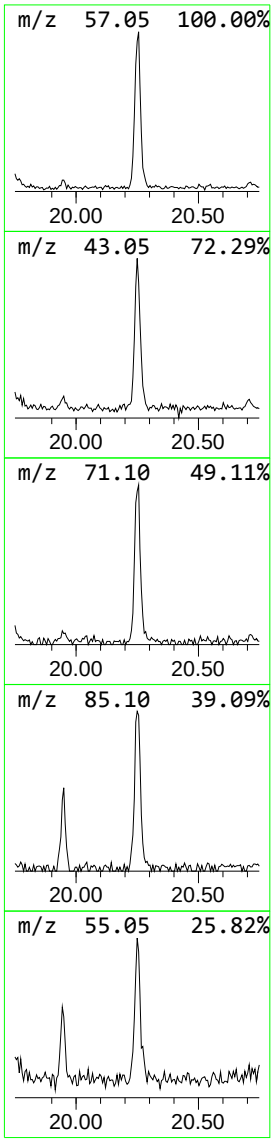
Peak Number 4 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.249	2.65 ng	137109	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	86





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Data File : BG060841.D
Acq On : 9 Apr 2024 12:18
Operator : MA/JU
Sample : P2008-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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TIC Library : C:\Database\NIST20.L
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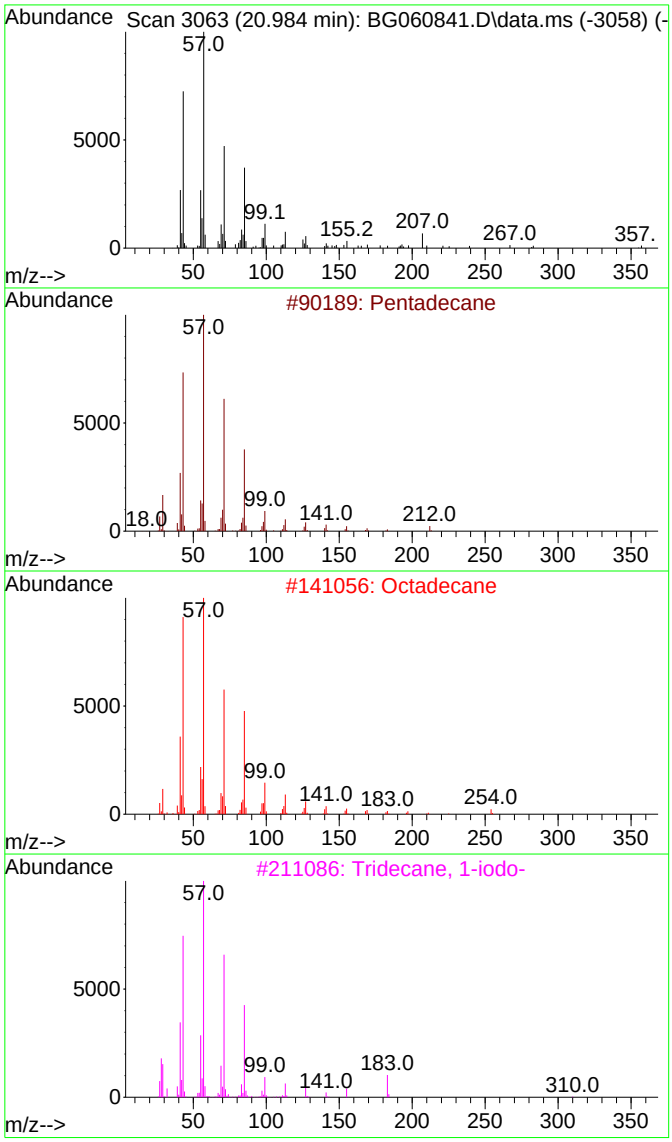
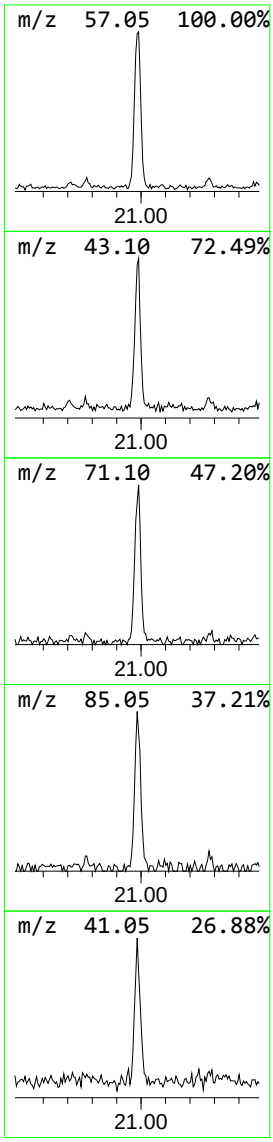
Peak Number 5 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.984	2.82 ng	145860	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80





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Operator : MA/JU
Sample : P2008-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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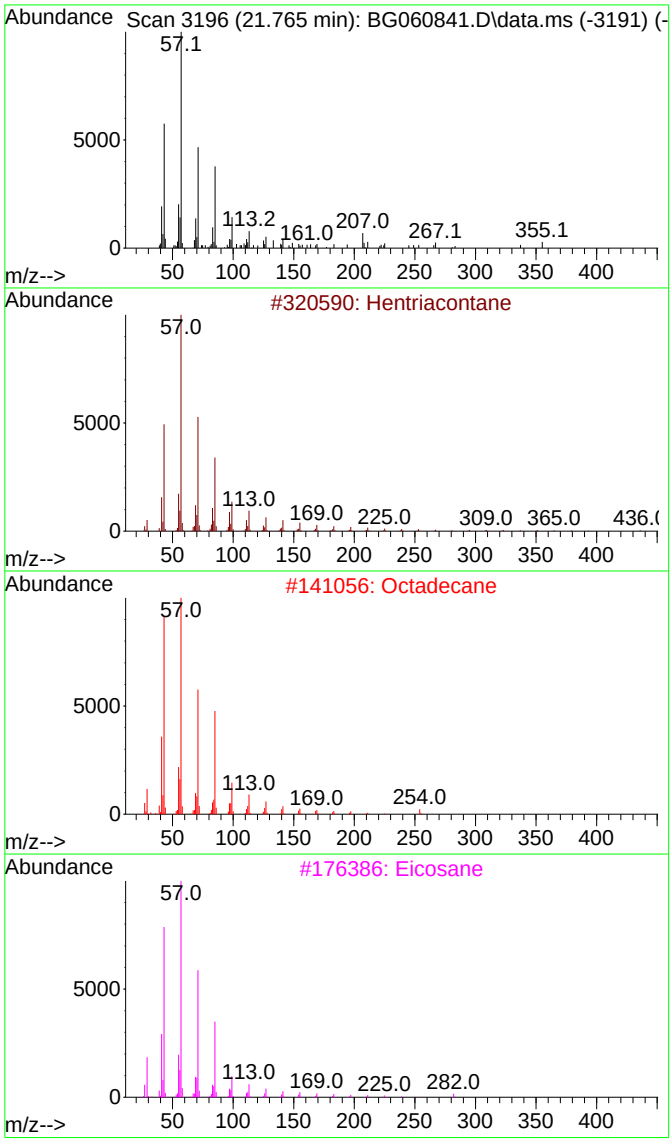
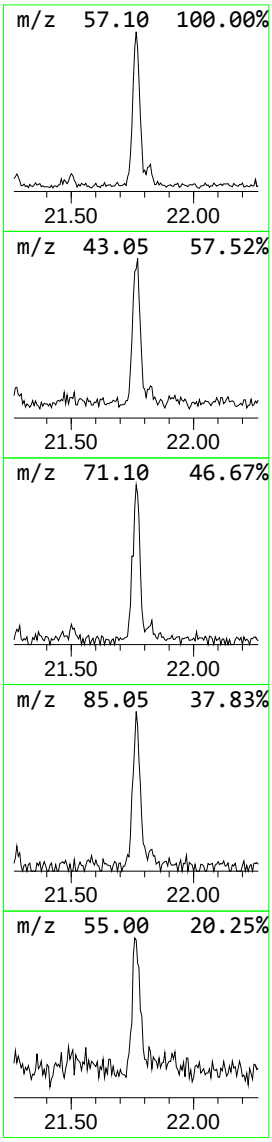
Peak Number 6 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.765	2.05 ng	106038	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	80
2	Octadecane	254	C18H38	000593-45-3	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : P2008-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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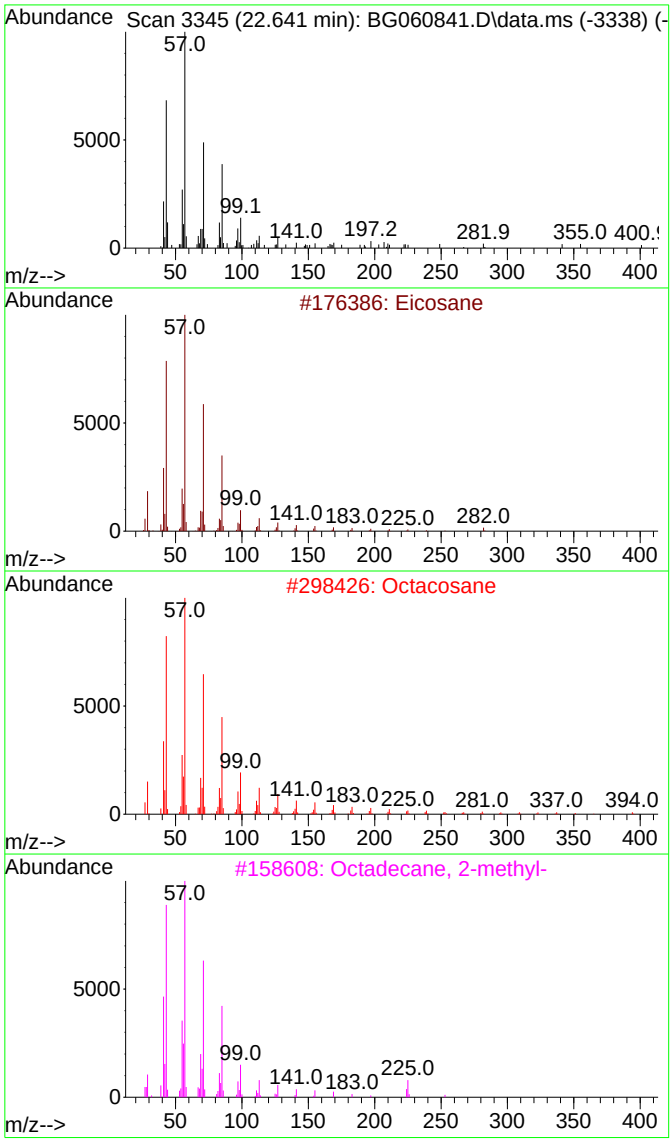
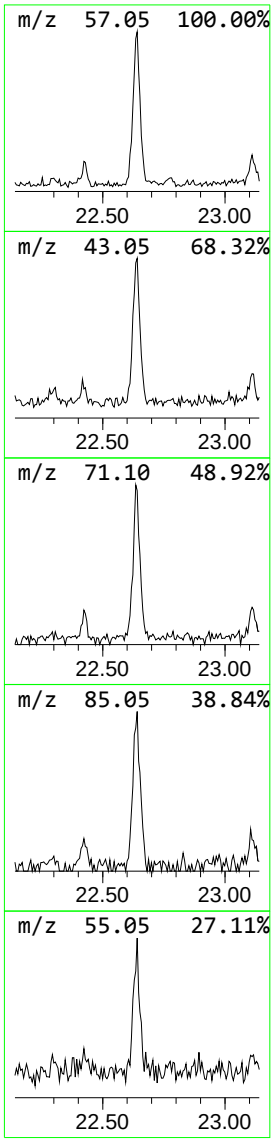
Peak Number 7 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.641	2.15 ng	111086	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	86
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Heneicosane	296	C21H44	000629-94-7	72





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
Butane, 2-metho...	3.175	32.3	ng	623195	1	7.946	385537	20.0
Eicosane	19.403	2.1	ng	101275	4	17.323	956496	20.0
Octacosane	20.249	2.6	ng	137109	5	21.583	1033080	20.0
Pentadecane	20.984	2.8	ng	145860	5	21.583	1033080	20.0
Hentriacontane	21.765	2.0	ng	106038	5	21.583	1033080	20.0
Octadecane, 2-m...	22.641	2.1	ng	111086	5	21.583	1033080	20.0