LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

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-BG092519.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	3.166	7	13	21	rBV	195431	374814	7.14%	1.504%
2	3.242	21	26	41	rVB	497576	748439	14.25%	3.003%
3	5.639	427	434	446	rBV	489420	810374	15.43%	3.252%
4	7.226	695	704	716	rBV2	348385	715796	13.63%	2.872%
5	7.596	757	767	780	rBV	793408	1380258	26.28%	5.538%
6	8.060	838	846	854	rBV	166231	284441	5.41%	1.141%
7	8.383	892	901	910	rBV	550676	980765	18.67%	3.935%
8	9.218	1033	1043	1053	rBV	473183	881456	16.78%	3.537%
9	10.863	1314	1323	1330	rBV	215410	400906	7.63%	1.609%
10	13.301	1730	1738	1755	rBV	1487332	2360386	44.94%	9.471%
11	14.124	1872	1878	1888	rBV	198182	312451	5.95%	1.254%
12	14.676	1963	1972	1983	rBV	422494	683526	13.01%	2.743%
13	16.162	2216	2225	2237	rBV	1679346	2592201	49.35%	10.401%
14	17.420	2433	2439	2447	rBV2	627650	961168	18.30%	3.857%
15	17.537	2454	2459	2464	rVB4	59680	84634	1.61%	0.340%
16	18.313	2585	2591	2615	rBV	359888	820095	15.61%	3.291%
17	19.482	2779	2790	2794	rBV4	59149	124371	2.37%	0.499%
18	19.588	2802	2808	2822	rBV7	97621	315513	6.01%	1.266%
19	20.034	2877	2884	2892	rVB	3781703	5252844	100.00%	21.077%
20	20.334	2931	2935	2939	rBV	71253	79469	1.51%	0.319%
21	20.828	3015	3019	3023	rVB	105931	118172	2.25%	0.474%
22	21.333	3101	3105	3113	rVB2	124955	169216	3.22%	0.679%
23	21.580	3142	3147	3153	rVB	84481	128616	2.45%	0.516%
24	21.691	3159	3166	3176	rVB	699017	1211008	23.05%	4.859%
25	21.885	3194	3199	3205	rVB	150341	224429	4.27%	0.901%
26	22.496	3297	3303	3308	rBV	169458	282718	5.38%	1.134%
27	23.184	3414	3420	3431	rVB	158590	303145	5.77%	1.216%
28	23.989	3550	3557	3566	rVB	145938	309578	5.89%	1.242%
29	24.911	3703	3714	3727	rBV3	445132	1524284	29.02%	6.116%
30	26.068	3904	3911	3921	rVB3	88287	258192	4.92%	1.036%
31	27.426	4134	4142	4151	rBV5	40033	130278	2.48%	0.523%
32	27.526	4153	4159	4171	rVB2	29677	98999	1.88%	0.397%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

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-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 24922542

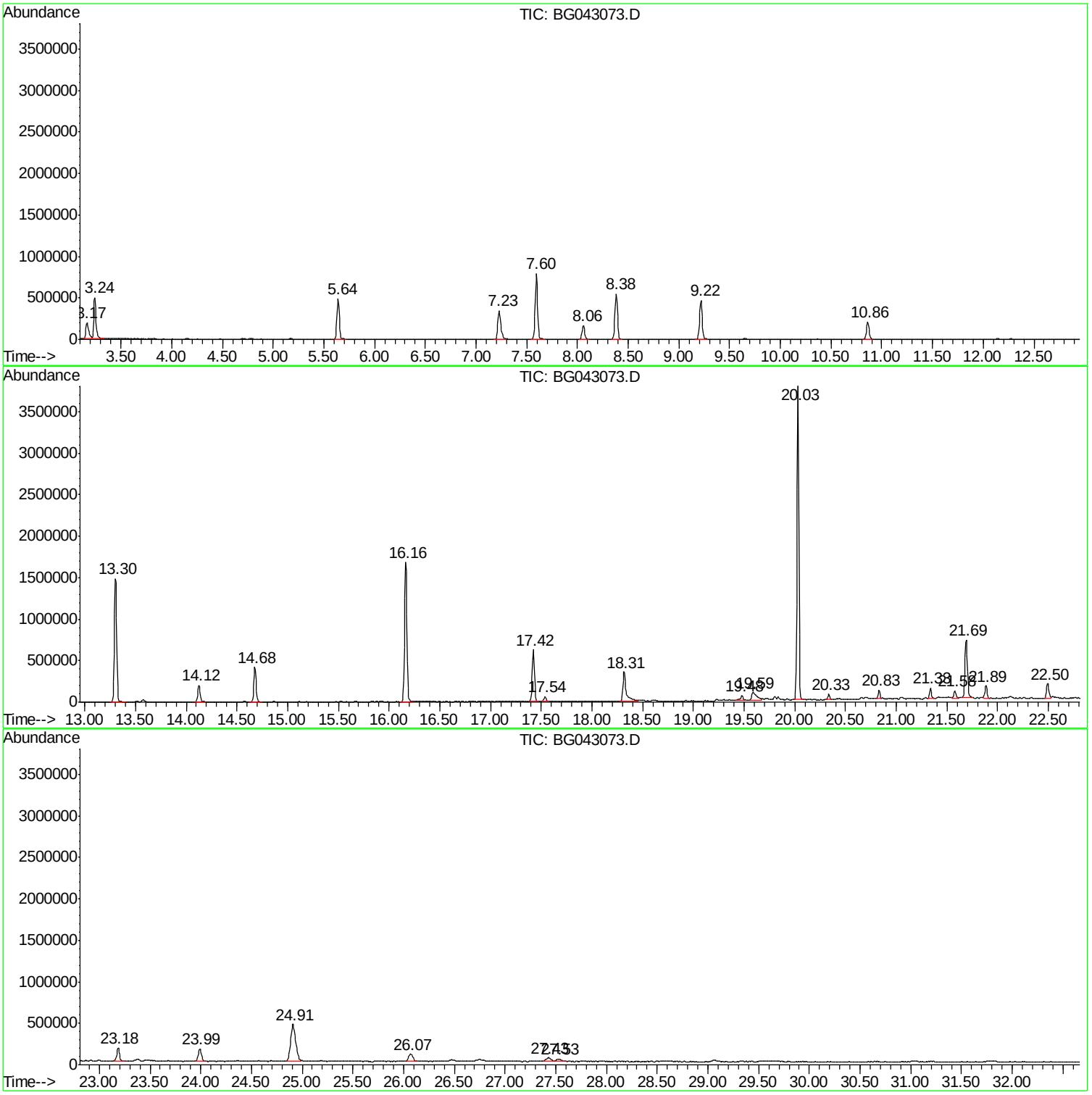
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

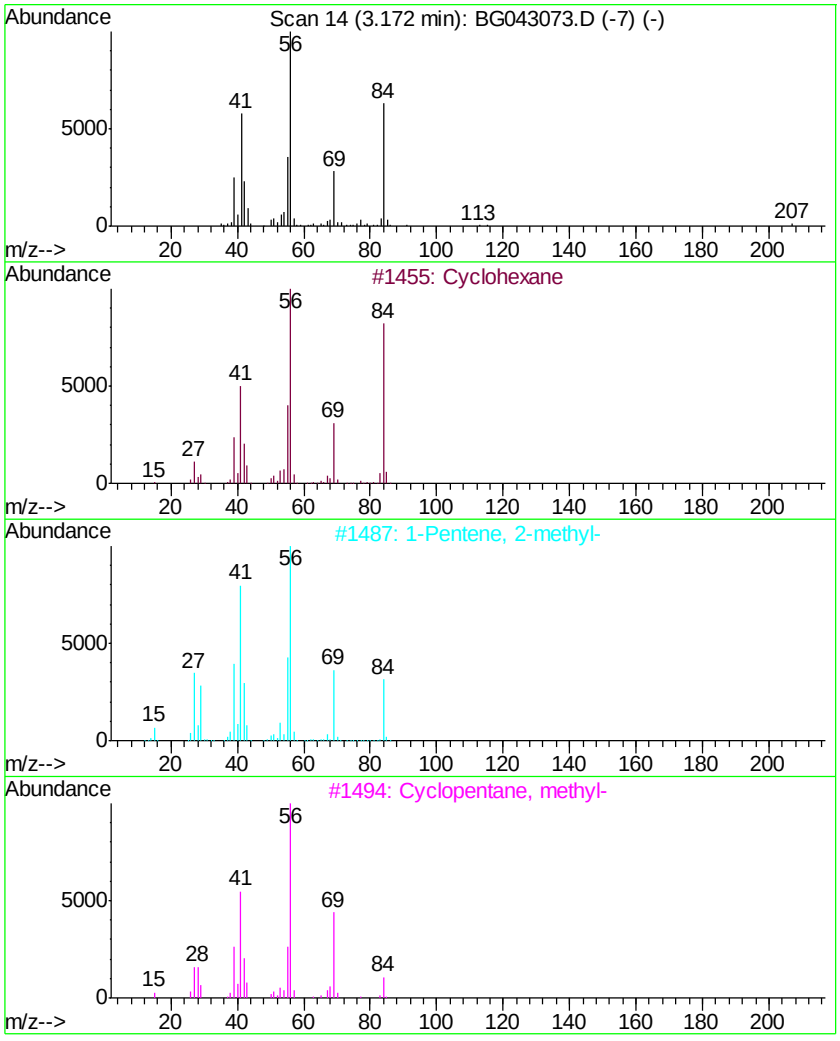
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

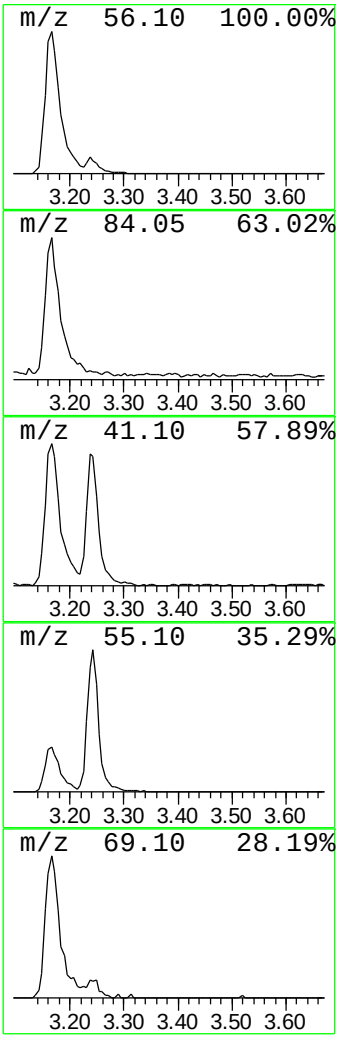
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	26.35 ng	374814	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5	Cyclobutane	56	C4H8	000287-23-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

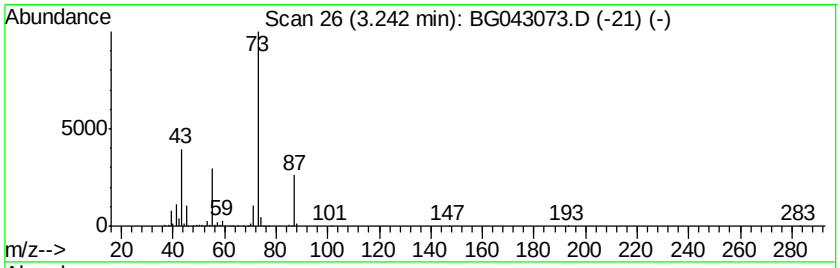
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

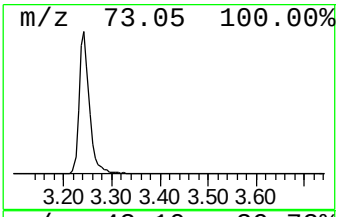
****

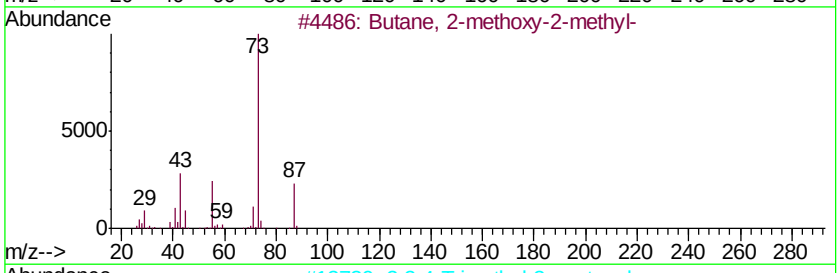
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

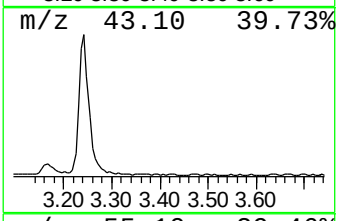
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	52.63 ng	748439	1,4-Dichlorobenzene-d4	8.06

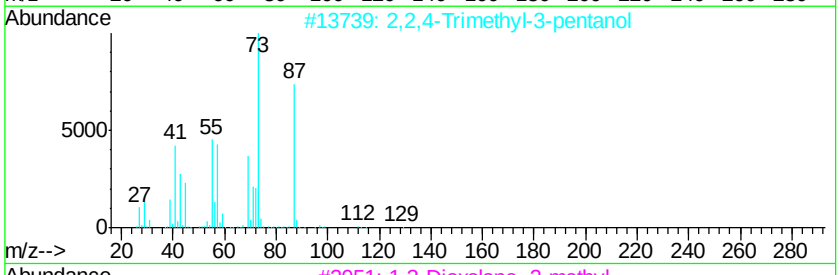
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

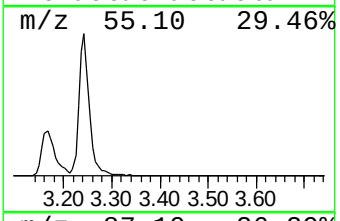


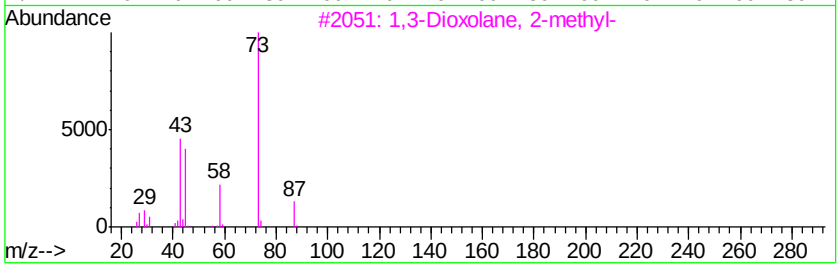


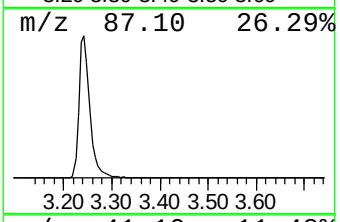


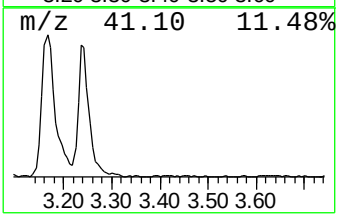












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

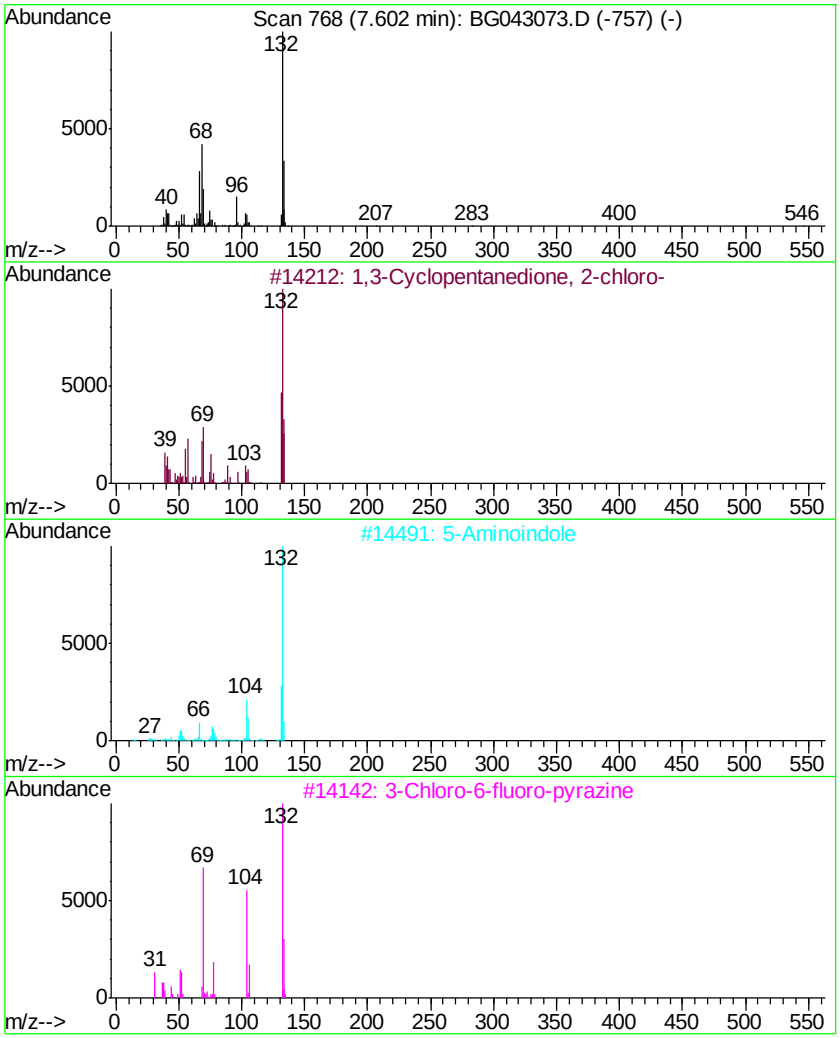
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

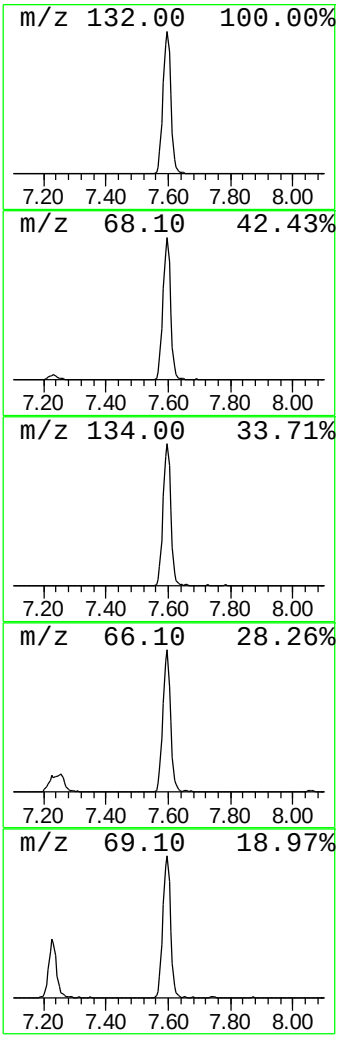
****

Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	97.05 ng	1380260	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

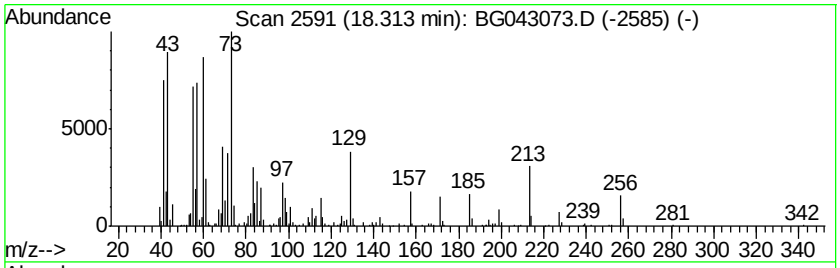
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

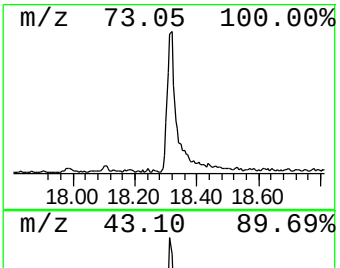
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	17.06 ng	820095	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

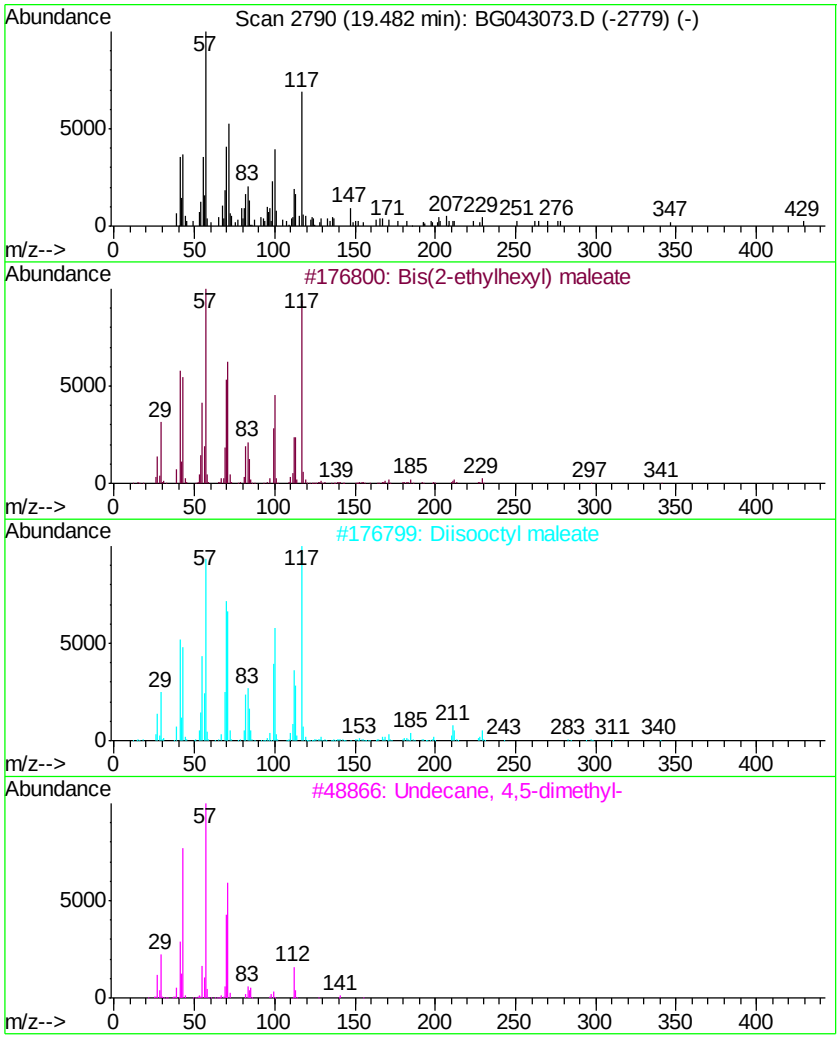
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

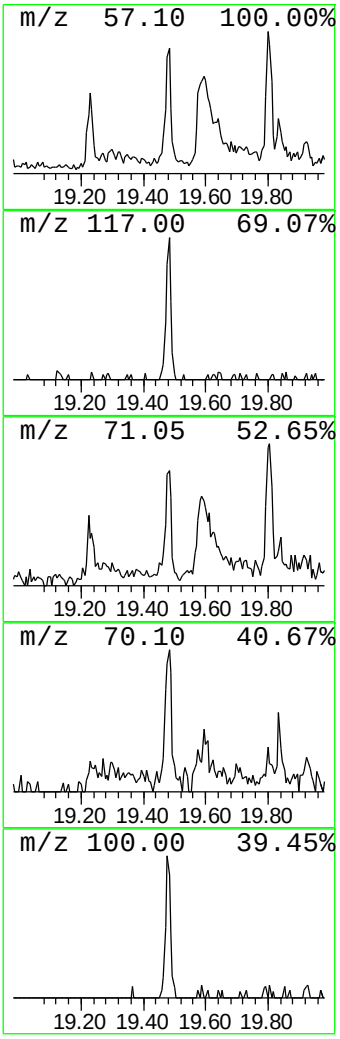
****

Peak Number 6 Bis(2-ethylhexyl) maleate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	2.59 ng	124371	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	93
2	Diisooctyl maleate	340	C20H36O4	001330-76-3	81
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	35
4	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	27
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

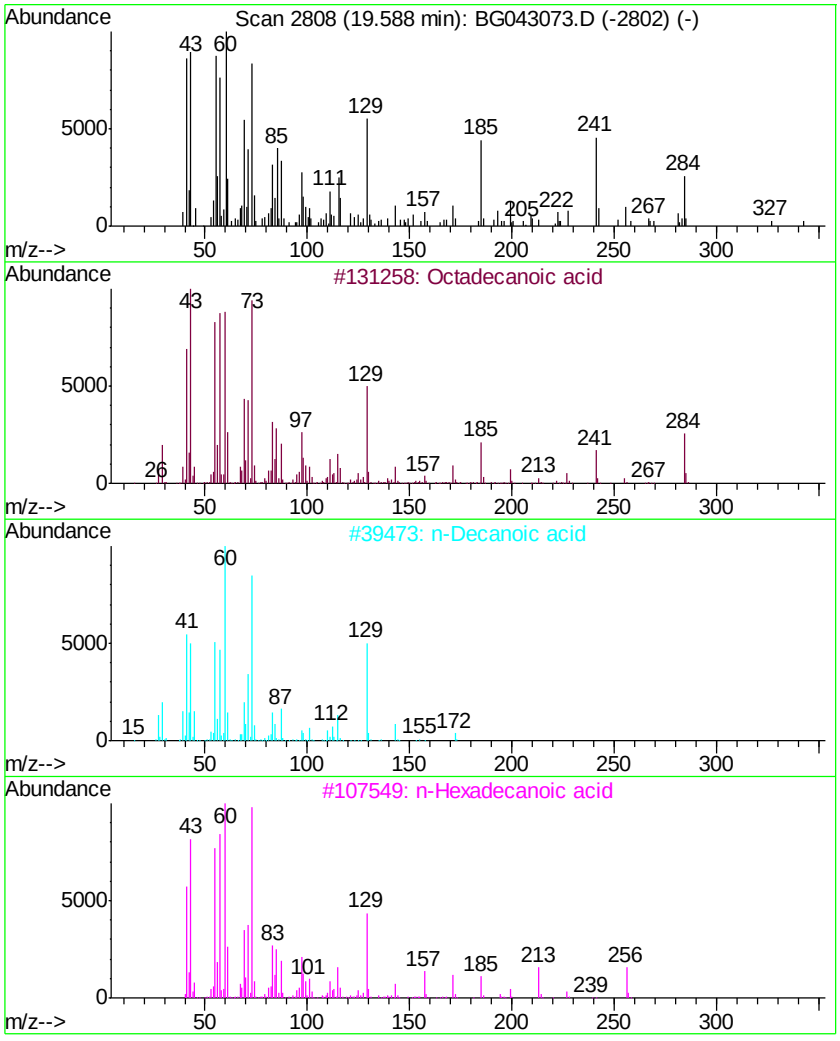
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

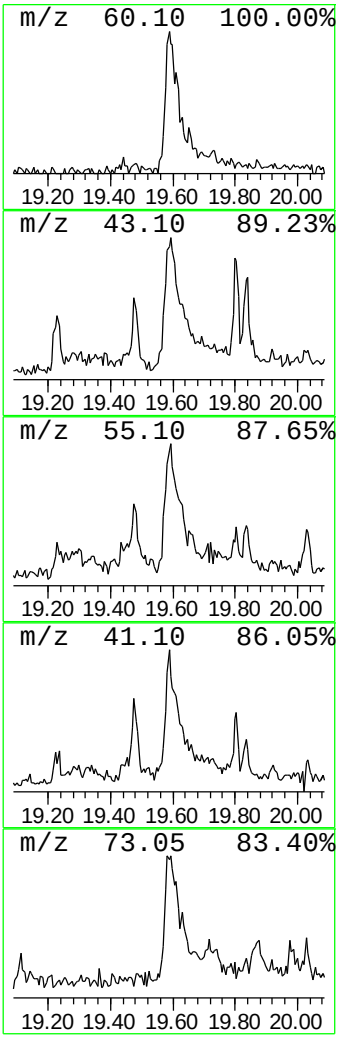
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	5.21 ng	315513	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	55
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Library Search Compound Report

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Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

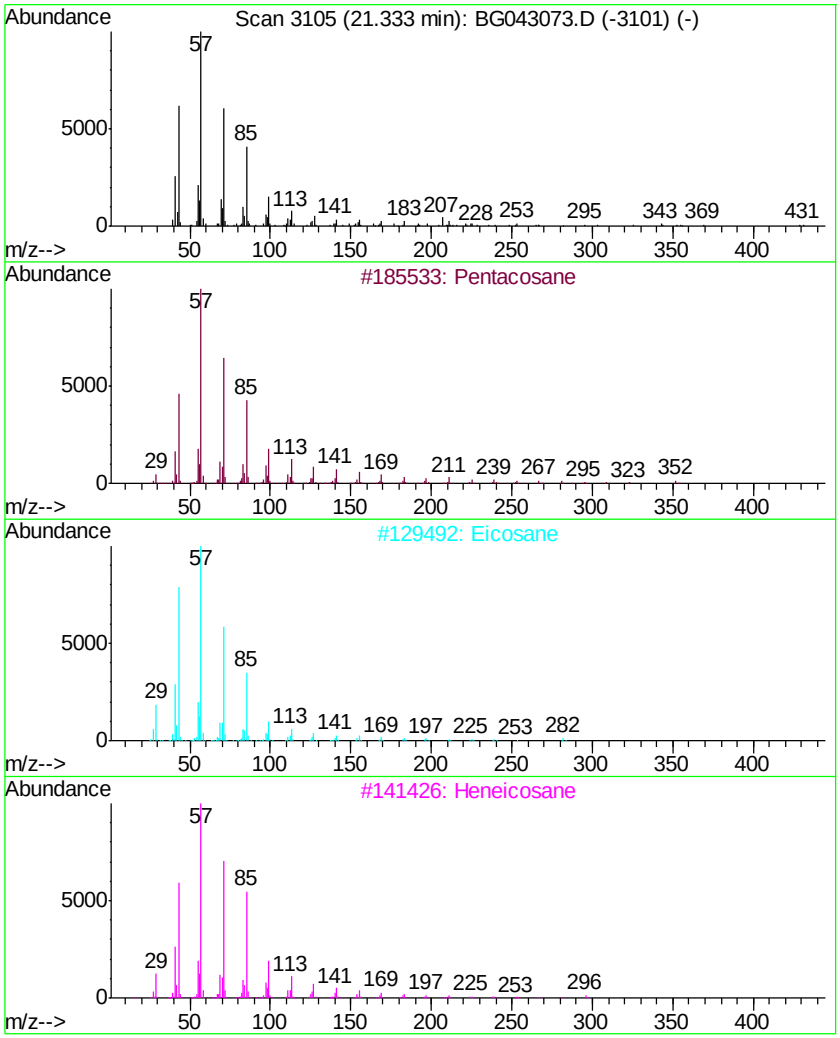
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

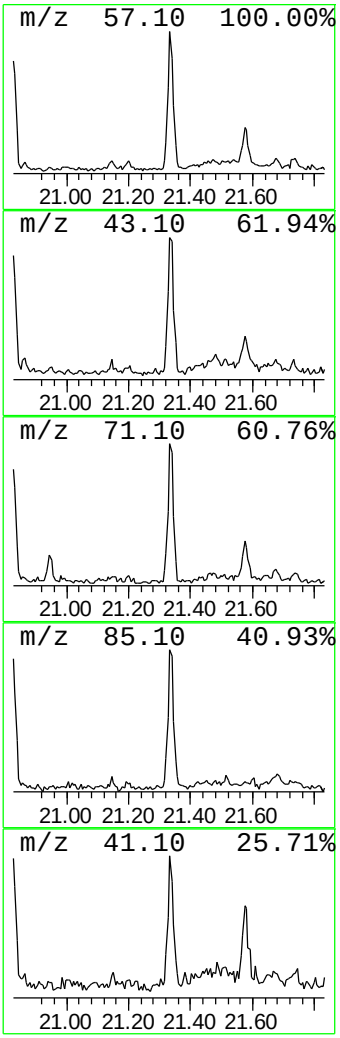
****

Peak Number 8 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.79 ng	169216	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Eicosane	282	C20H42	000112-95-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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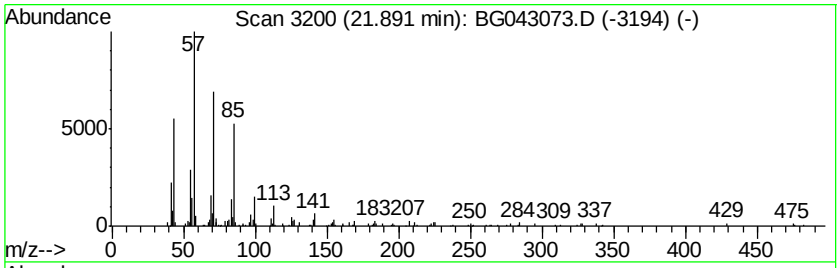
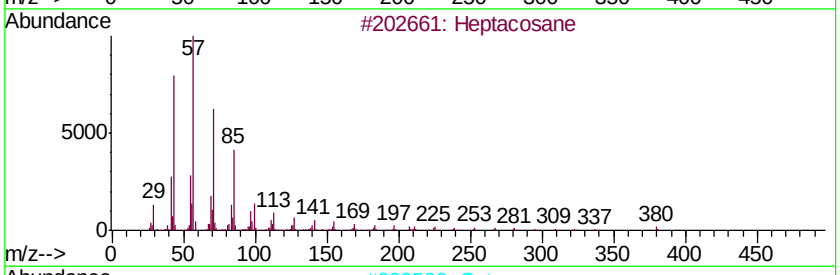
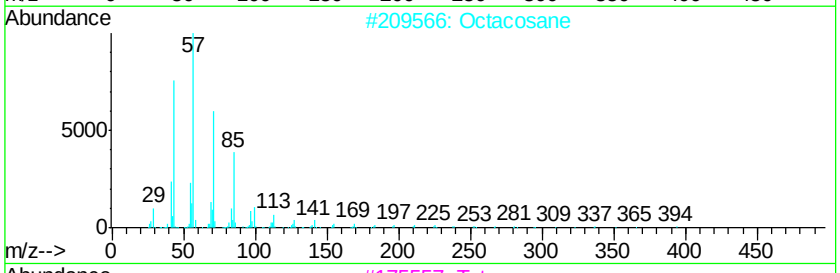
Peak Number 9 Heptacosane Concentration Rank 10

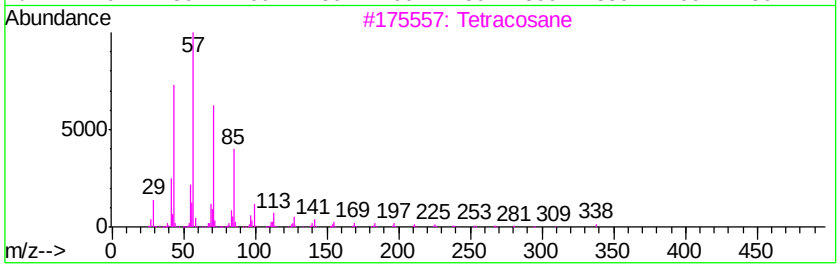
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.71 ng	224429	Chrysene-d12	21.69

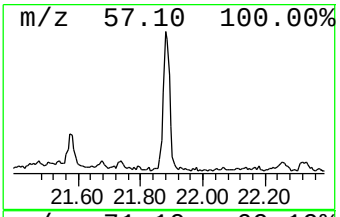
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetratetracontane	619	C44H90	007098-22-8	76

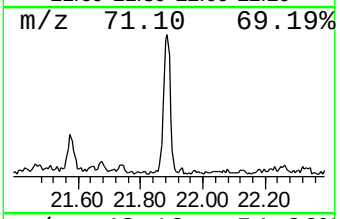


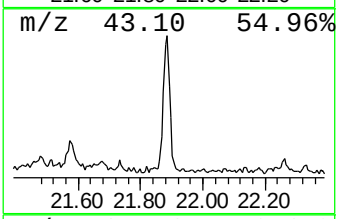


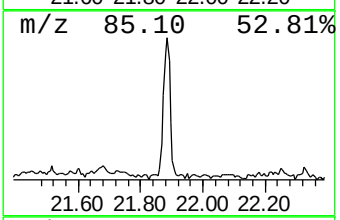


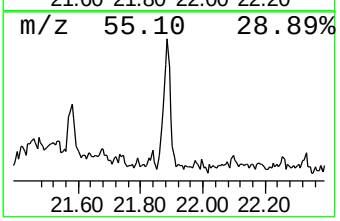












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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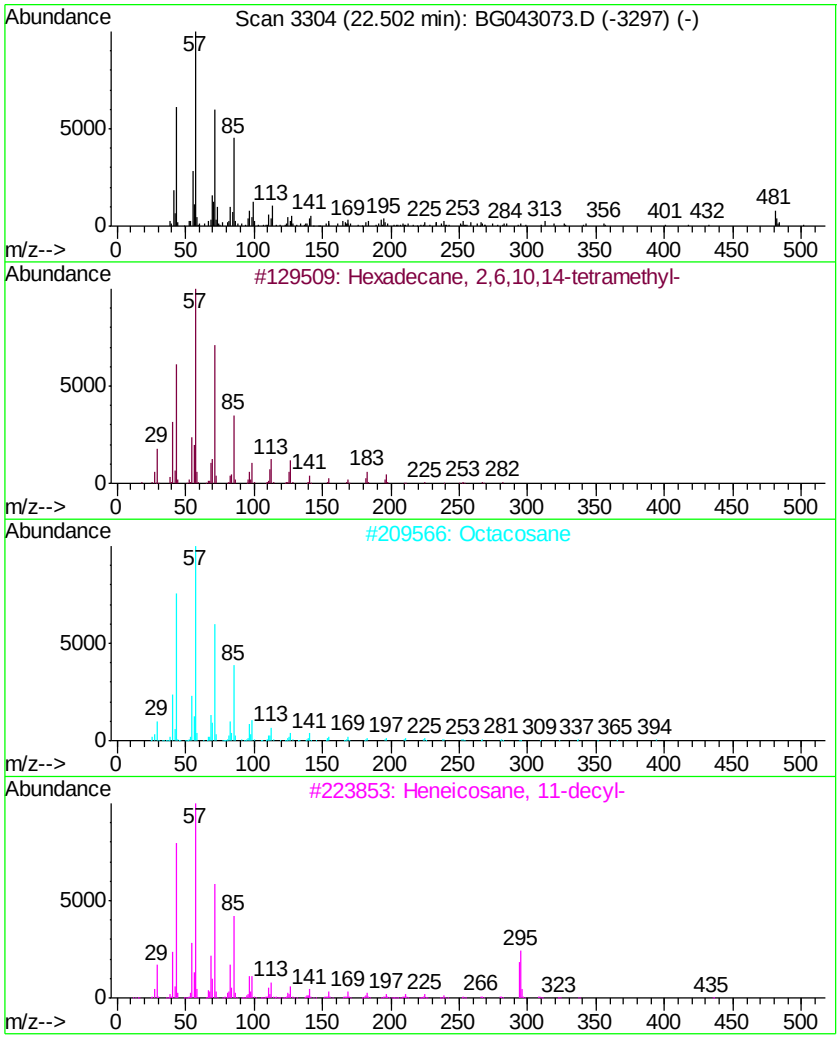
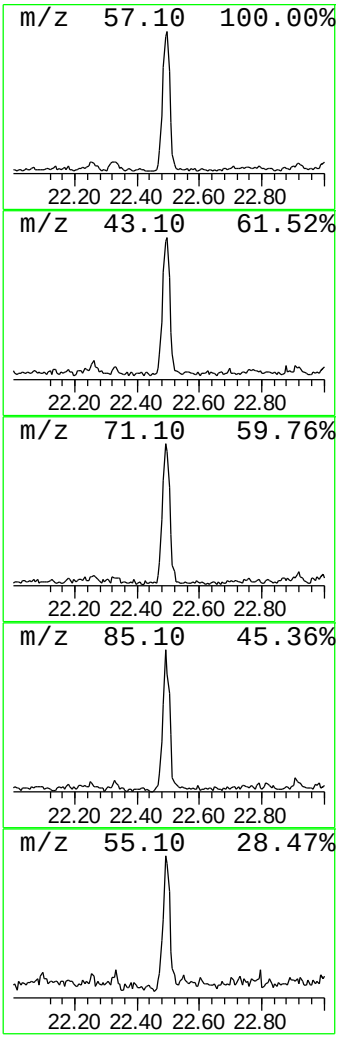
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.67 ng	282718	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Octadecane, 3-methyl-	268	C19H40	006561-44-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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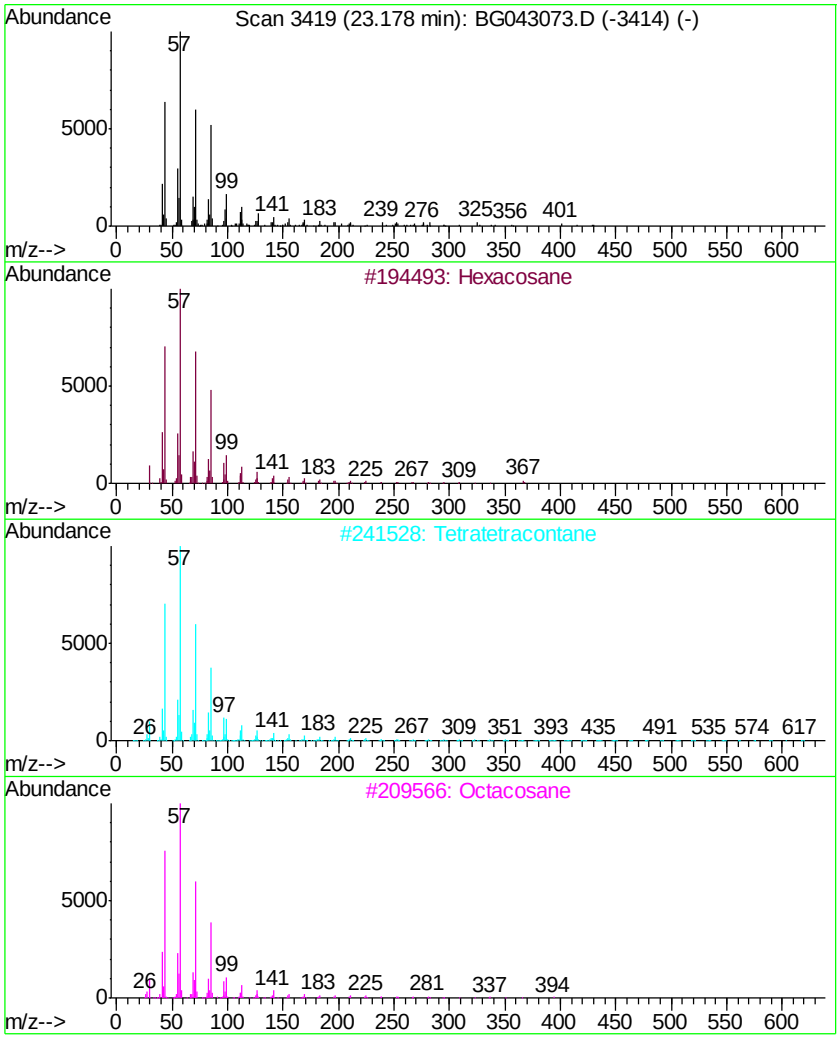
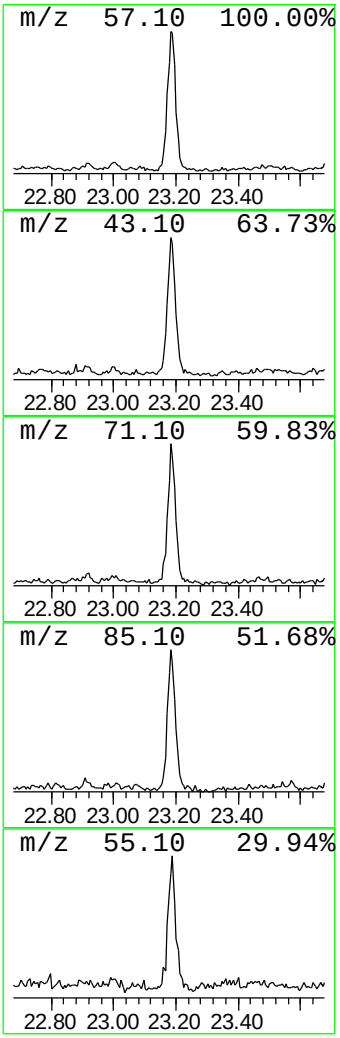
Peak Number 11 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	5.01 ng	303145	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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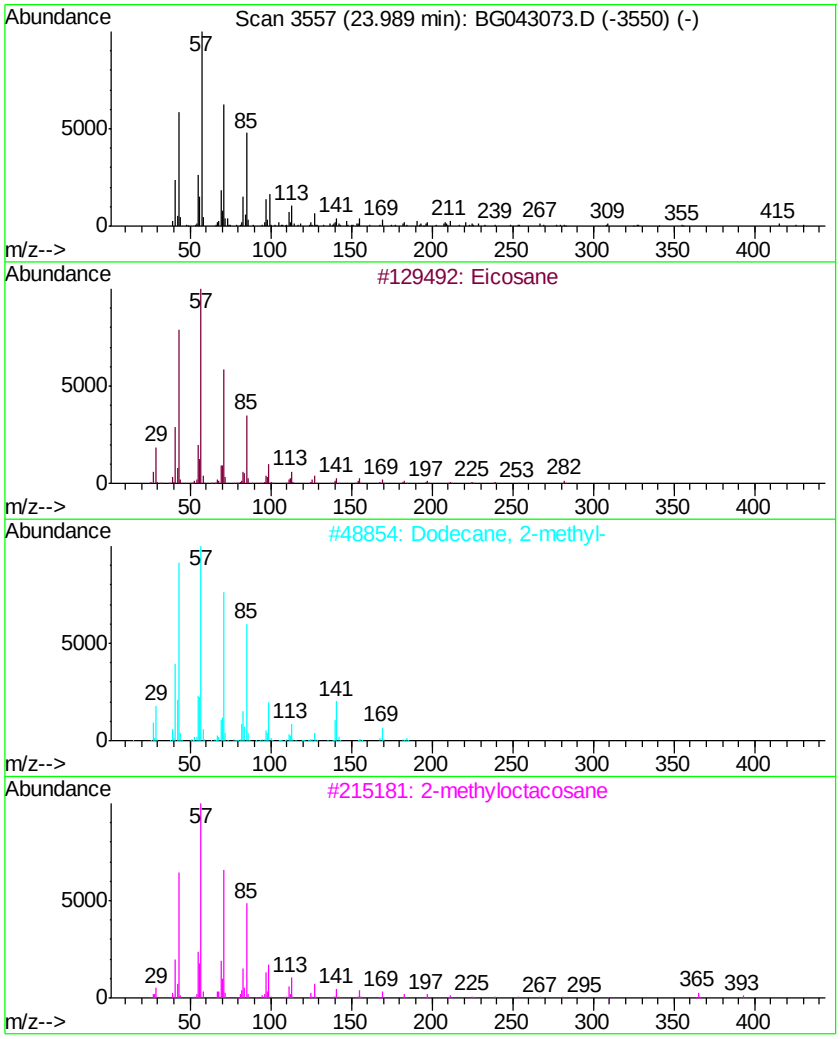
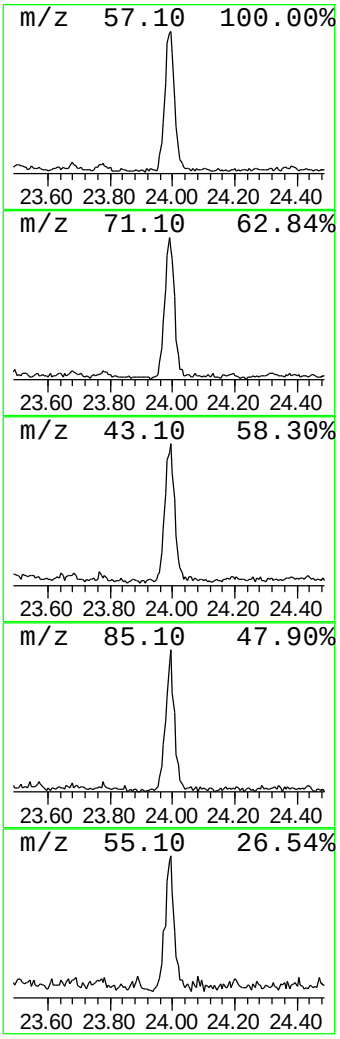
Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.06 ng	309578	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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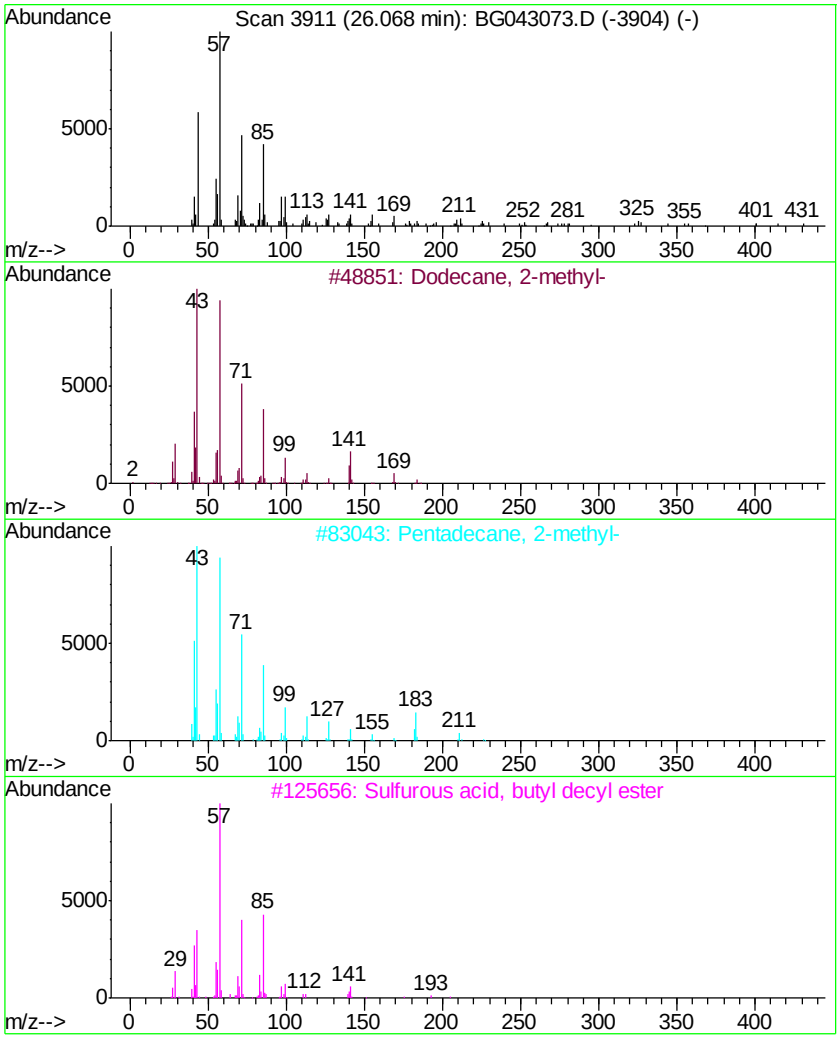
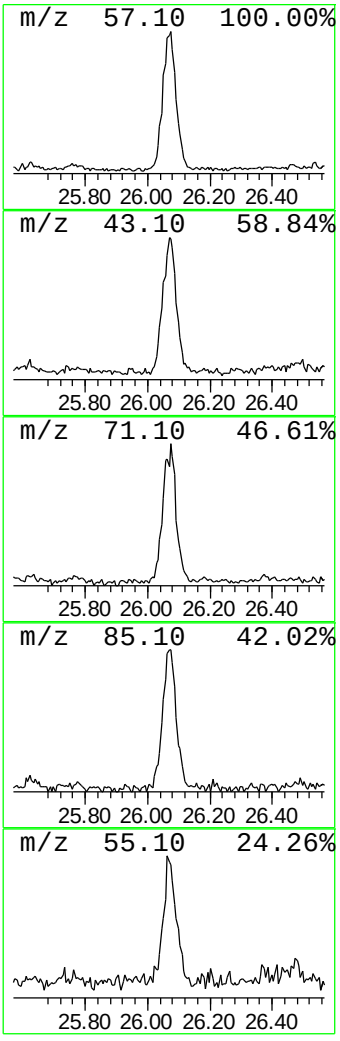
Peak Number 13 Dodecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	3.39 ng	258192	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Pentadecane	212	C15H32	000629-62-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043073.D
Acq On : 7 Oct 2019 18:32
Operator : JU
Sample : K5154-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.17	26.4	ng	374814	1	8.06	284441	20.0
Butane, 2-methoxy...	3.24	52.6	ng	748439	1	8.06	284441	20.0
unknown7.60	7.60	97.0	ng	1380260	1	8.06	284441	20.0
n-Hexadecanoic acid	18.31	17.1	ng	820095	4	17.42	961168	20.0
Bis(2-ethylhexyl)...	19.48	2.6	ng	124371	4	17.42	961168	20.0
Octadecanoic acid	19.59	5.2	ng	315513	5	21.69	1211010	20.0
Pentacosane	21.33	2.8	ng	169216	5	21.69	1211010	20.0
Heptacosane	21.89	3.7	ng	224429	5	21.69	1211010	20.0
Hexadecane, 2,6,1...	22.50	4.7	ng	282718	5	21.69	1211010	20.0
Hexacosane	23.18	5.0	ng	303145	5	21.69	1211010	20.0
Eicosane	23.99	4.1	ng	309578	6	24.91	1524280	20.0
Dodecane, 2-methyl-	26.07	3.4	ng	258192	6	24.91	1524280	20.0