LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

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_P\METHODS\8270-BP121919.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	5.605	593	598	609	rVB	169396	279419	14.29%	1.717%
2	6.205	694	700	715	rBV	1110024	1397522	71.48%	8.585%
3	7.752	955	963	973	rBV	1127653	1586110	81.12%	9.744%
4	7.928	986	993	1003	rVB	1308791	1554584	79.51%	9.550%
5	8.281	1048	1053	1065	rBV	331999	382951	19.59%	2.353%
6	8.522	1088	1094	1099	rBV	979513	1189210	60.82%	7.306%
7	9.163	1196	1203	1208	rBV	729463	992368	50.75%	6.096%
8	10.316	1389	1399	1408	rBV	395096	480190	24.56%	2.950%
9	12.098	1694	1702	1706	rBV	1539909	1893611	96.85%	11.633%
10	12.763	1809	1815	1821	rBV	63716	72536	3.71%	0.446%
11	13.181	1878	1886	1892	rBV	473873	600505	30.71%	3.689%
12	14.475	2098	2106	2130	rBV	1181616	1448661	74.09%	8.900%
13	15.575	2285	2293	2298	rBV	527361	635232	32.49%	3.902%
14	16.469	2441	2445	2459	rBV	81974	110614	5.66%	0.680%
15	17.869	2676	2683	2686	rBV	1698815	1955216	100.00%	12.012%
16	18.233	2740	2745	2755	rBV2	15377	23581	1.21%	0.145%
17	18.680	2817	2821	2824	rBV	20879	22396	1.15%	0.138%
18	19.110	2888	2894	2908	rBV4	88916	220224	11.26%	1.353%
19	19.222	2908	2913	2917	rVB	438930	477446	24.42%	2.933%
20	19.516	2958	2963	2967	rVB	46216	51384	2.63%	0.316%
21	19.904	3025	3029	3033	rVB	63037	66816	3.42%	0.410%
22	20.280	3088	3093	3099	rVB	79129	94800	4.85%	0.582%
23	20.669	3155	3159	3165	rBV	77093	95176	4.87%	0.585%
24	20.992	3208	3214	3219	rVB	297468	404293	20.68%	2.484%
25	21.104	3228	3233	3243	rBV	70596	102707	5.25%	0.631%
26	21.592	3311	3316	3323	rBV	51259	85992	4.40%	0.528%
27	22.163	3407	3413	3420	rVB	29140	54261	2.78%	0.333%

Sum of corrected areas: 16277805

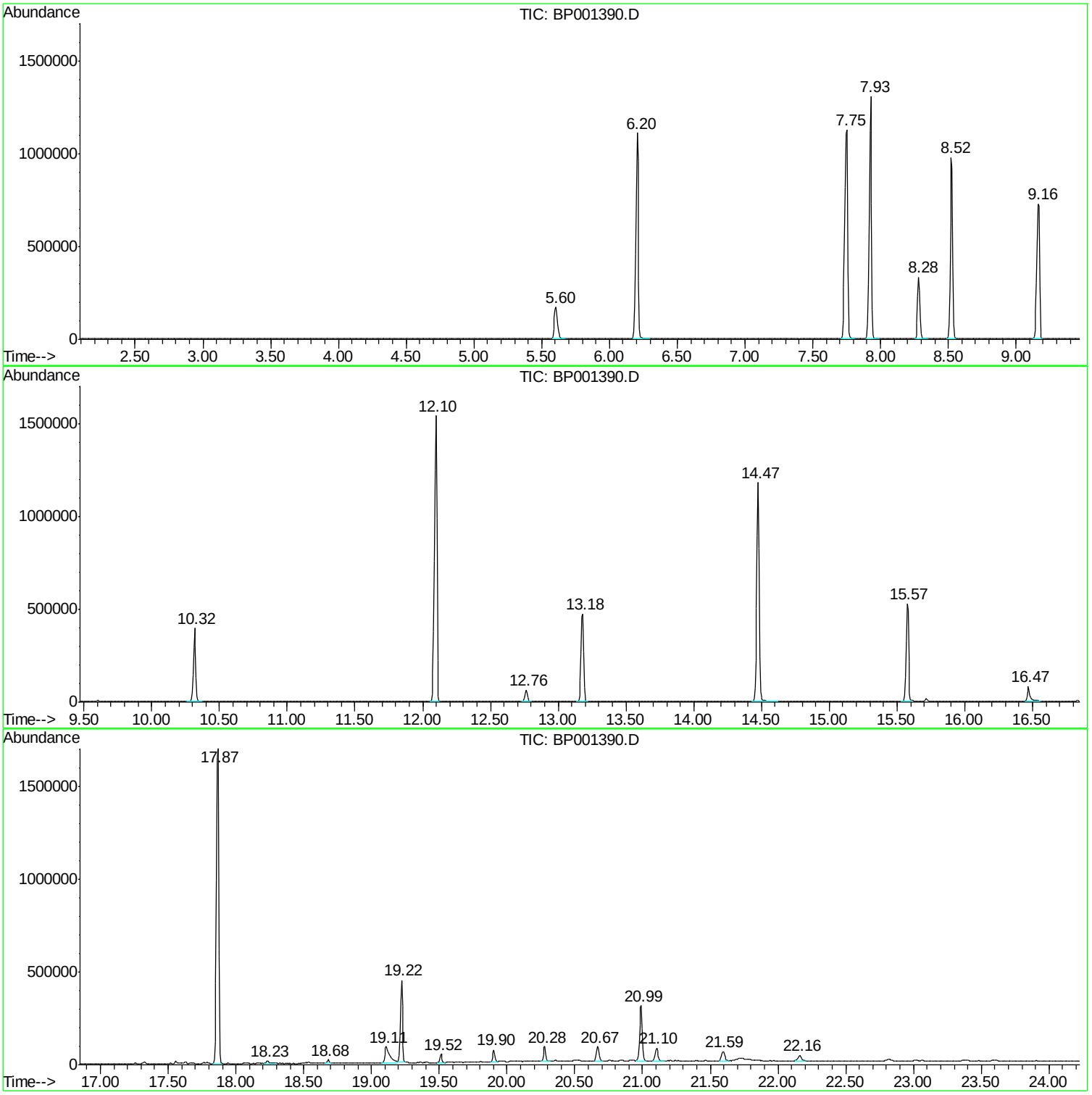
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

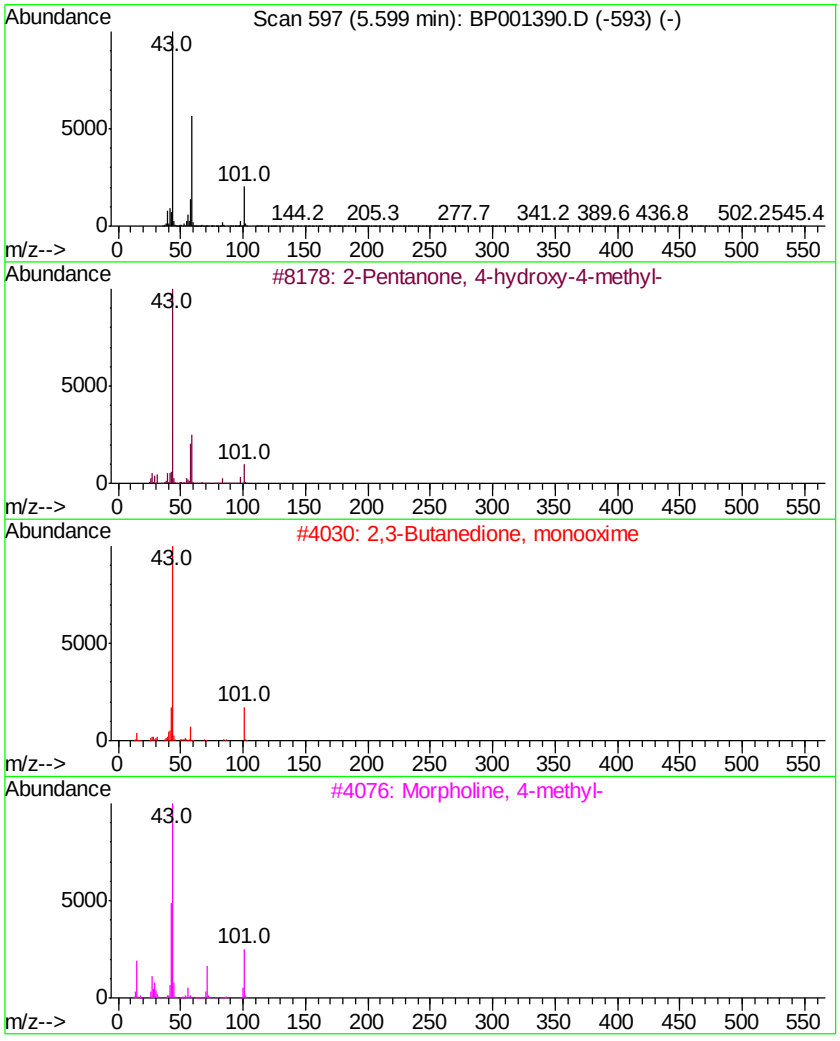
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

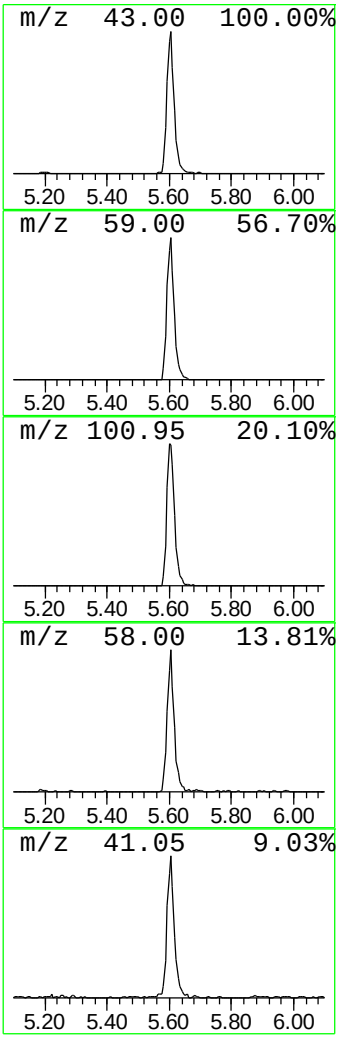
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	14.59 ng	279419	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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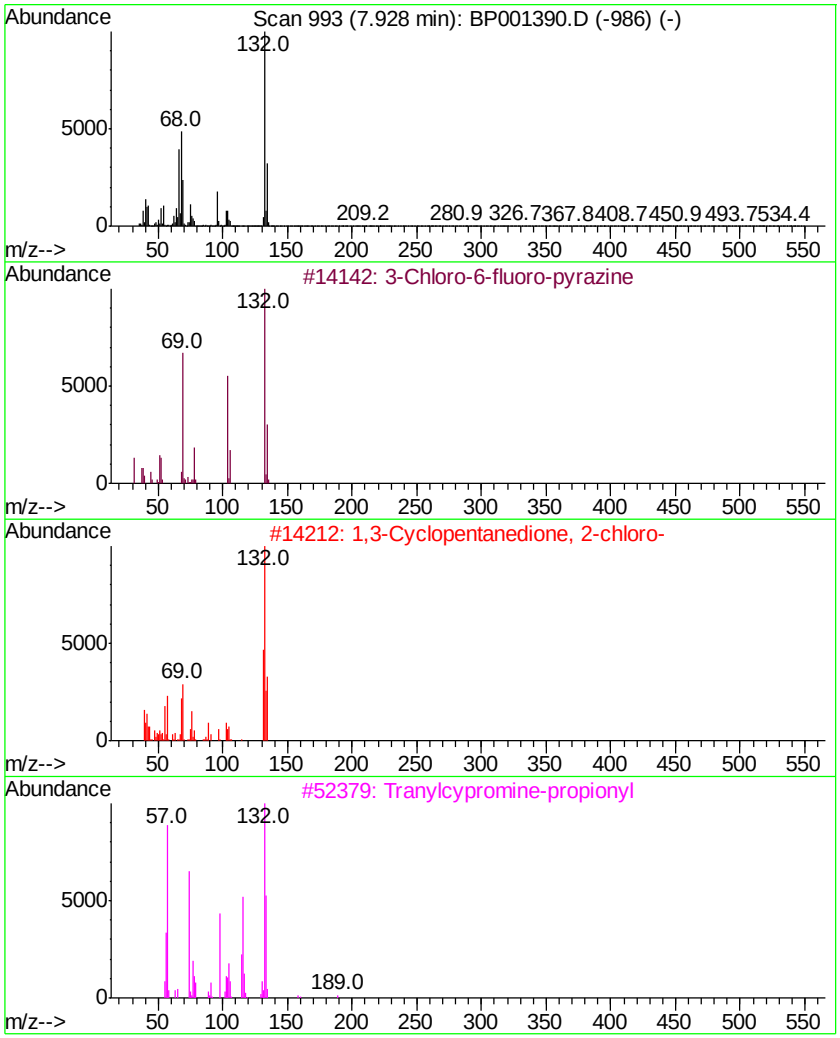
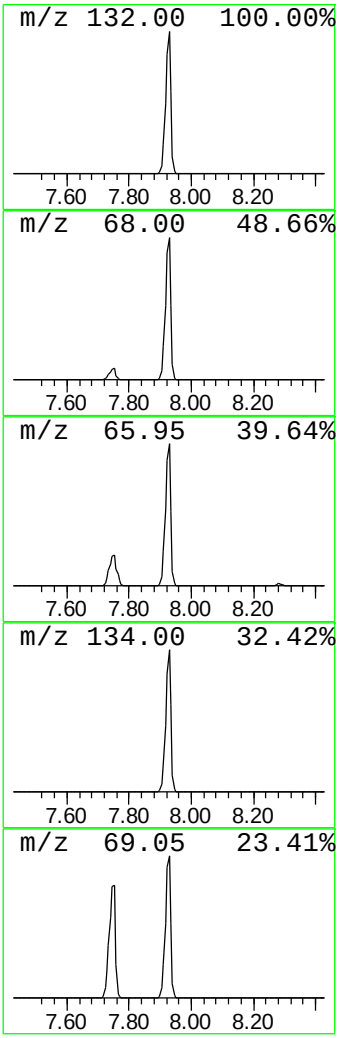
Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	81.19 ng	1554580	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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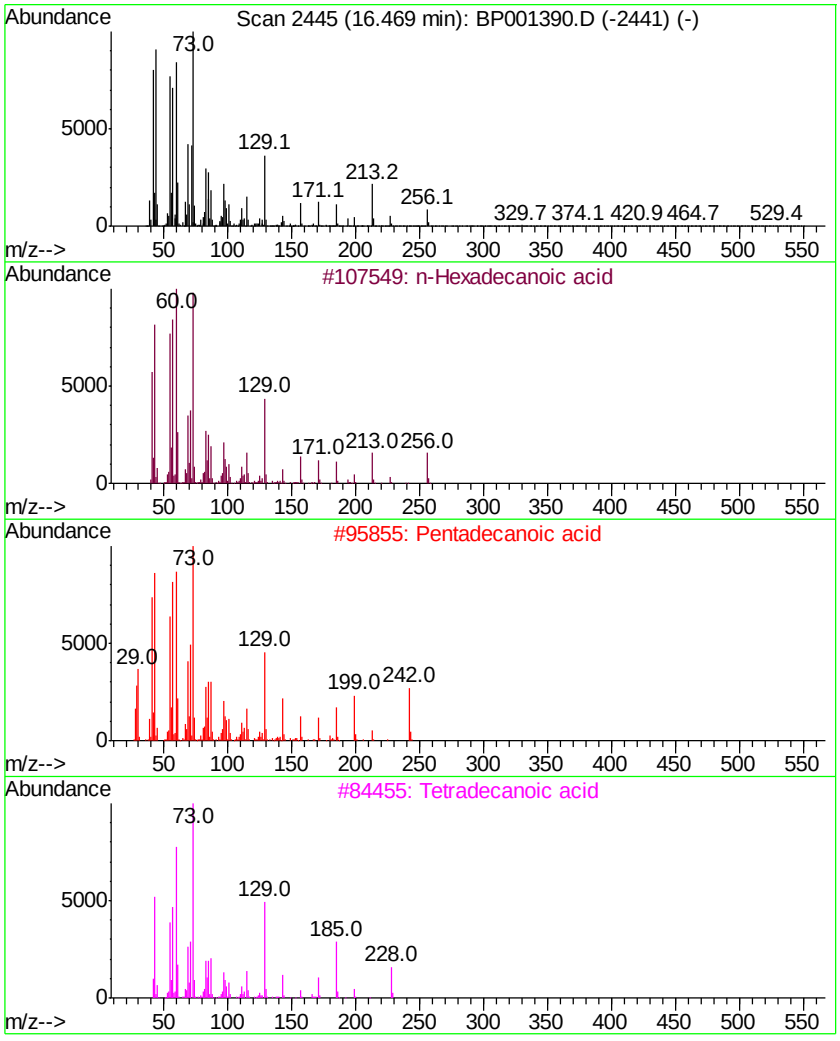
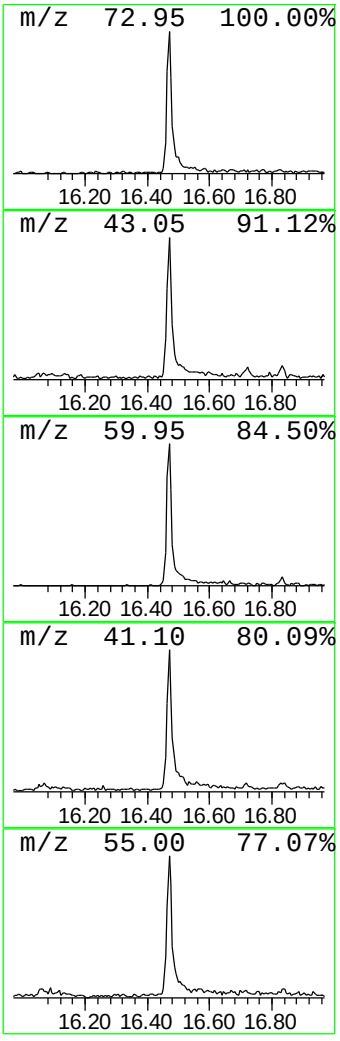
Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.48 ng	110614	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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Data File : BP001390.D
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Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

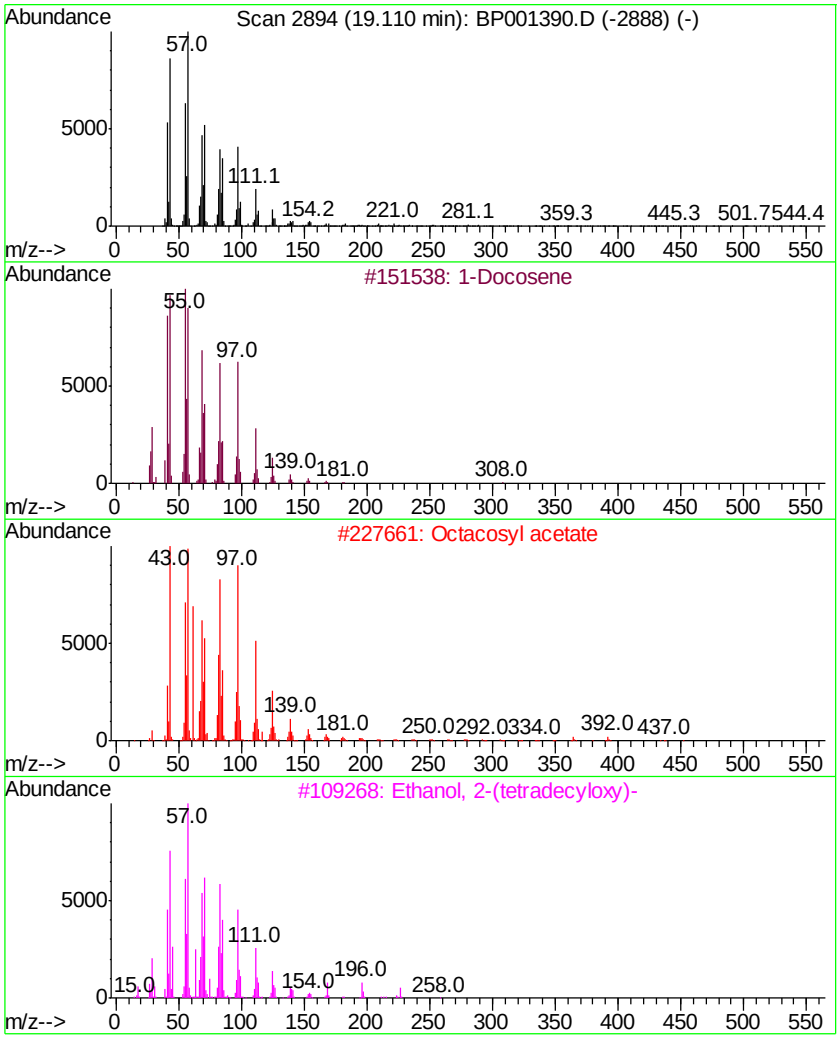
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

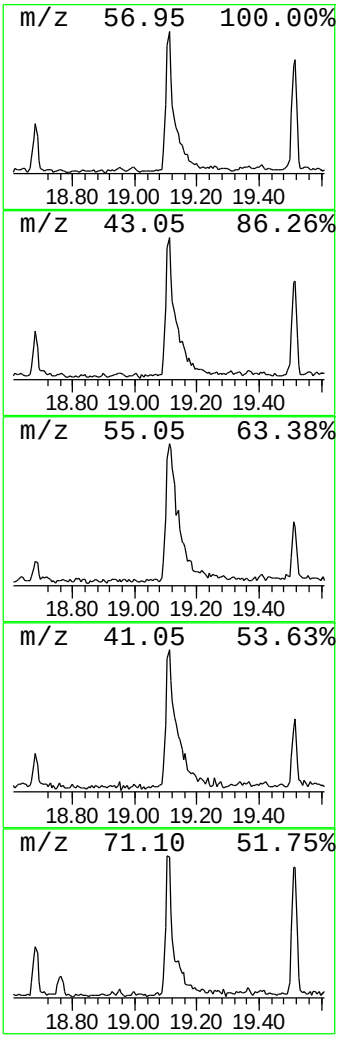
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	9.23 ng	220224	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Octacosyl acetate	452	C30H60O2	018206-97-8	95
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

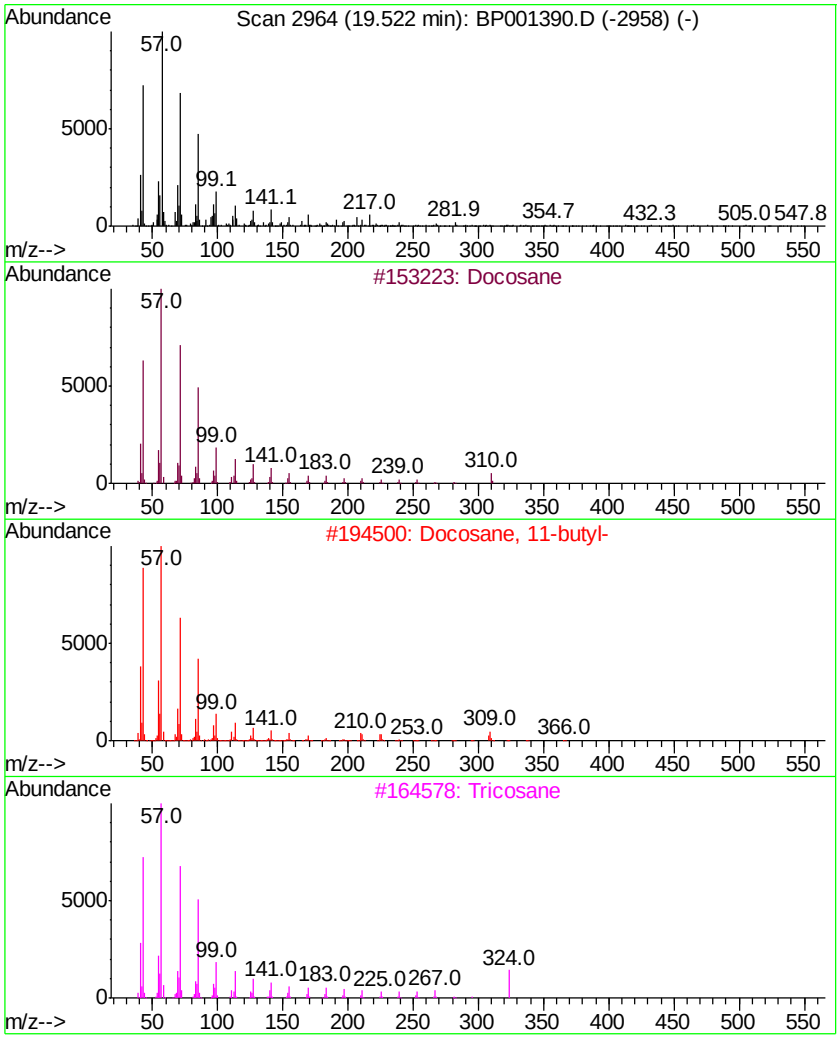
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

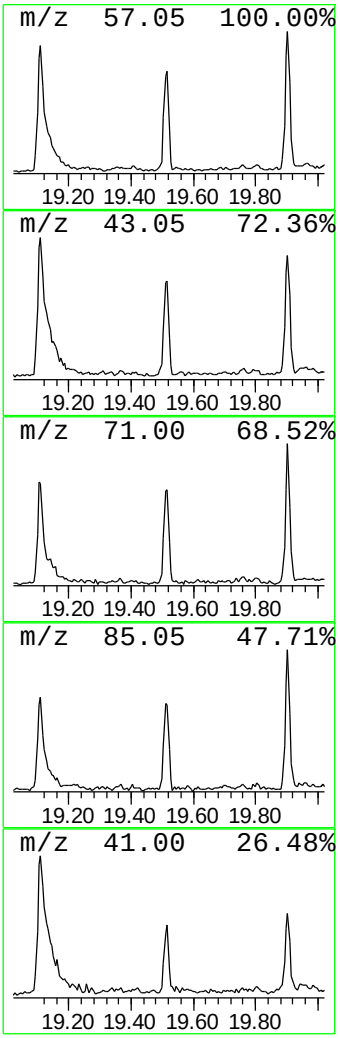
****

Peak Number 6 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.15 ng	51384	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Tricosane	324	C23H48	000638-67-5	94
4	Hexacosane	366	C26H54	000630-01-3	94
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
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Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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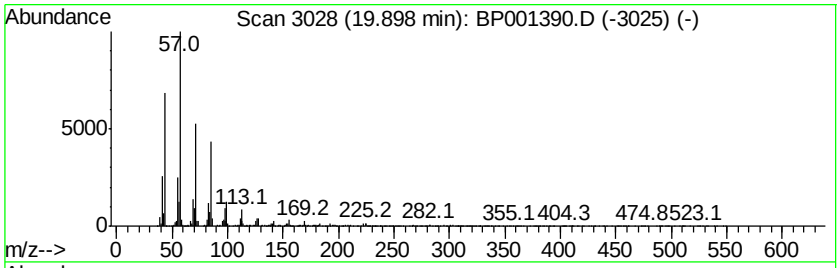
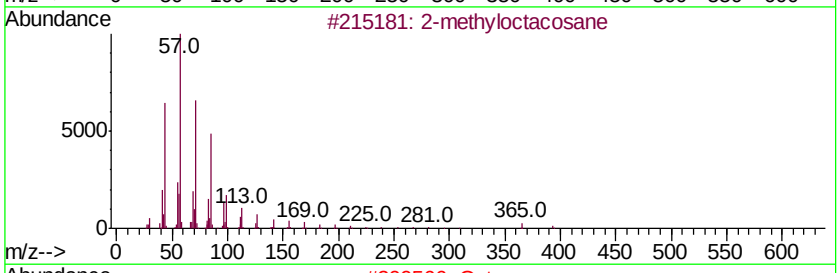
****

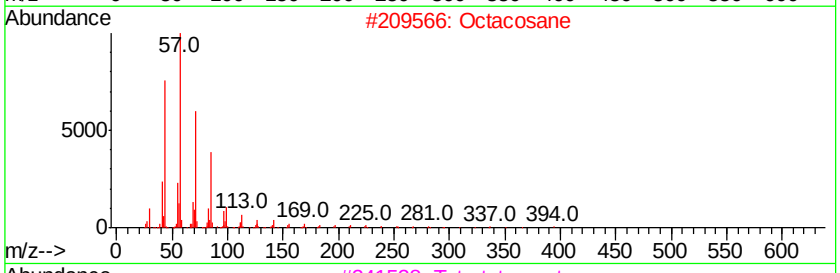
Peak Number 7 2-methyloctacosane Concentration Rank 10

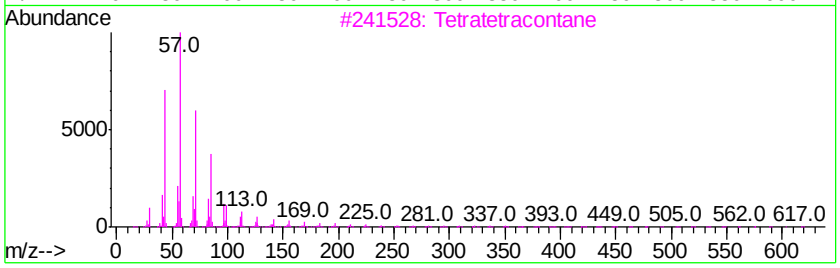
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.80 ng	66816	Chrysene-d12	19.22

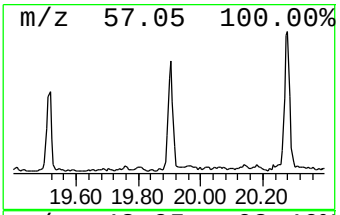
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	90
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90

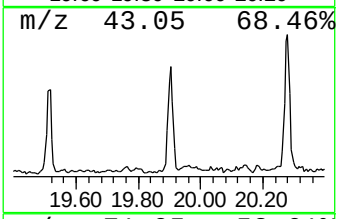


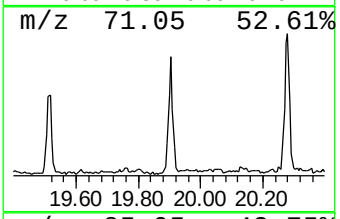


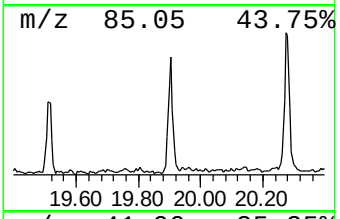


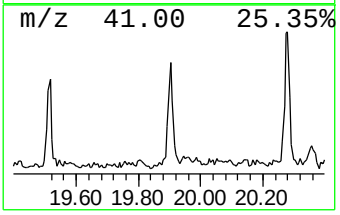












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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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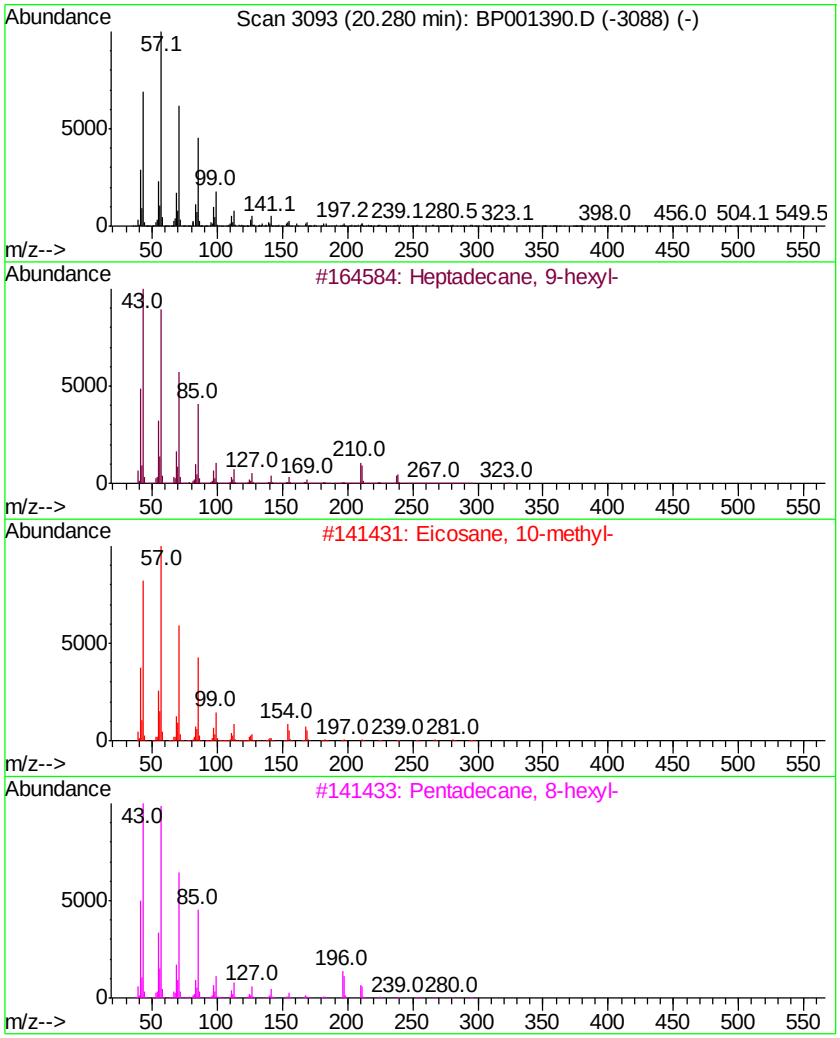
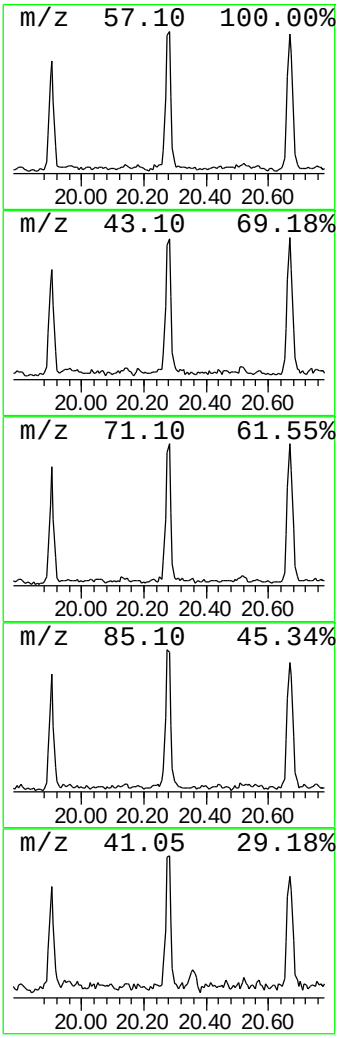
Peak Number 8 Heptadecane, 9-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	4.69 ng	94800	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heneicosane	296	C21H44	000629-94-7	92
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BP001390.D
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Misc :
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Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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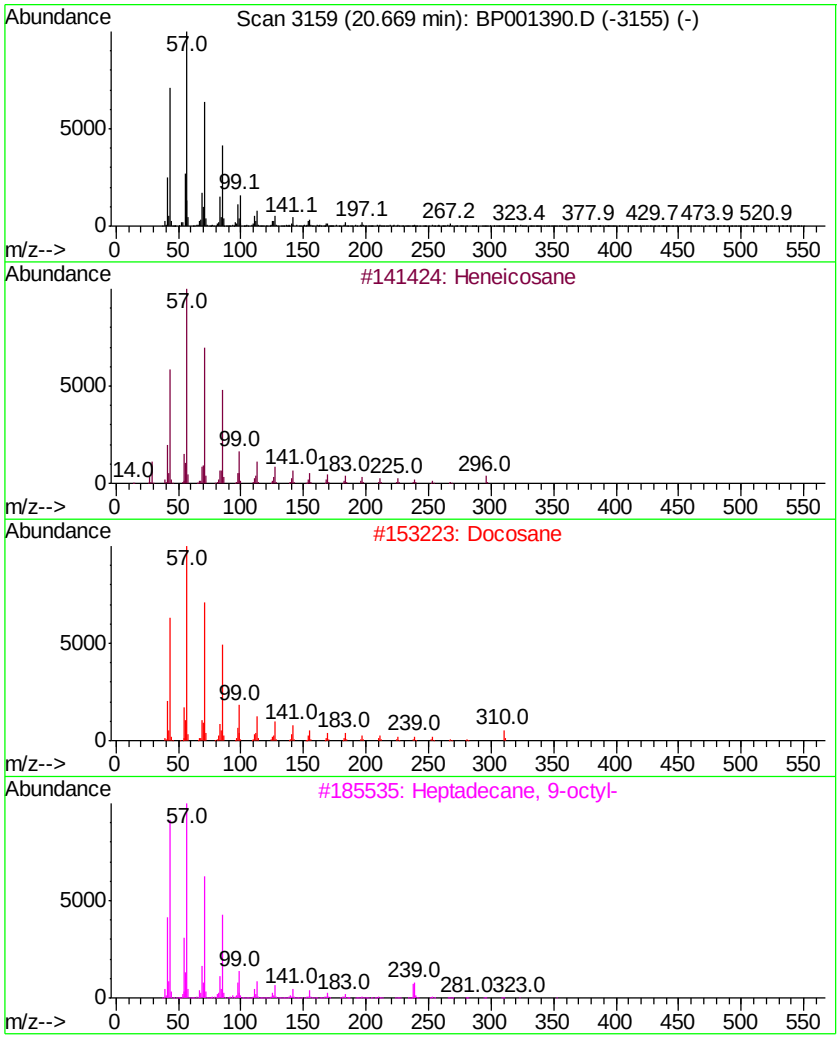
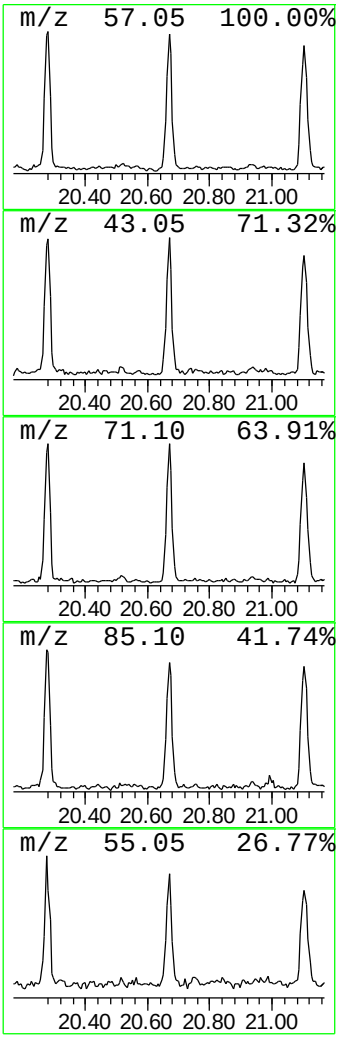
Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	4.71 ng	95176	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Docosane	310	C22H46	000629-97-0	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentacosane, 13-undecyl-	507	C36H74	055517-89-0	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





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Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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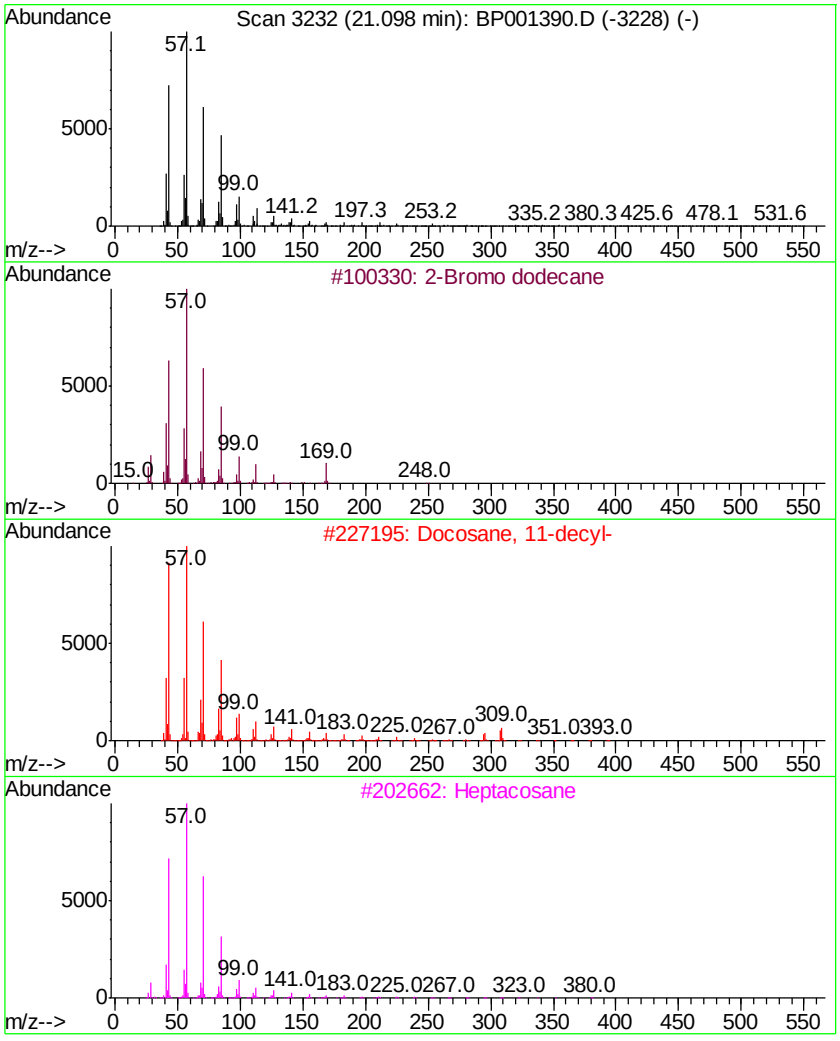
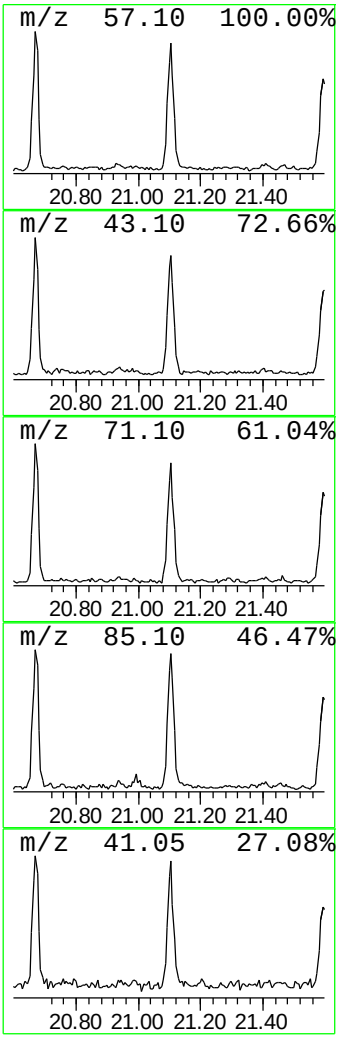
Peak Number 10 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	5.08 ng	102707	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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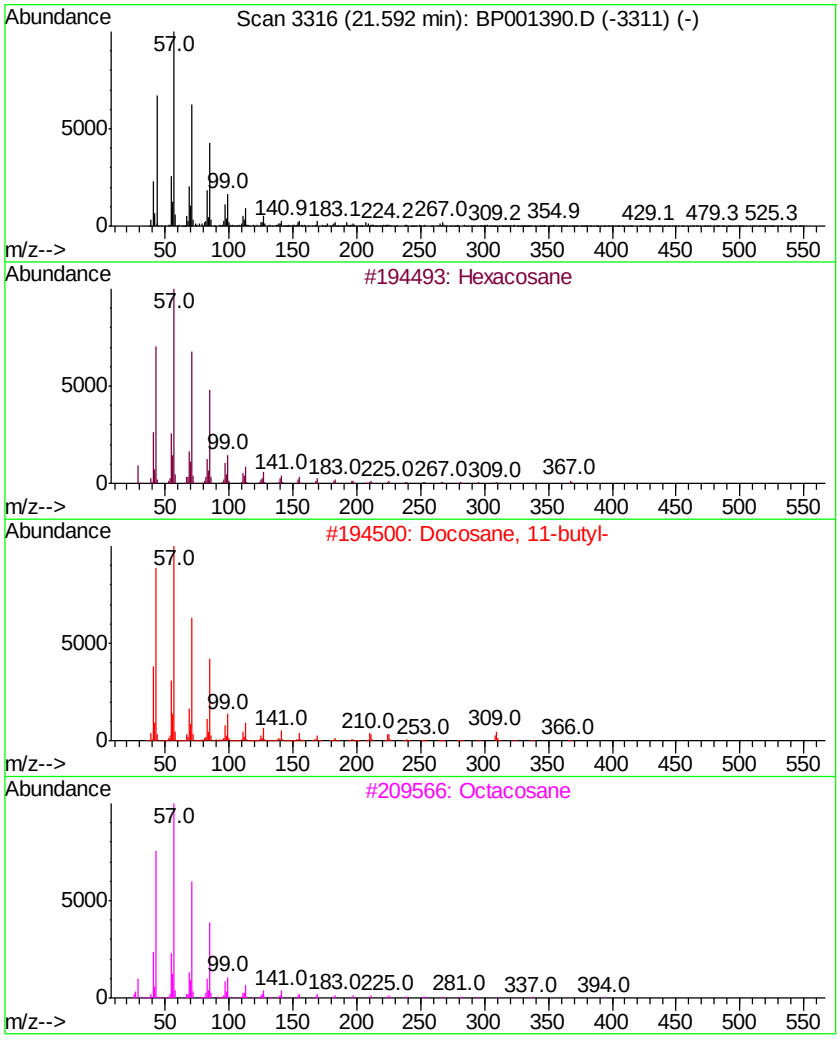
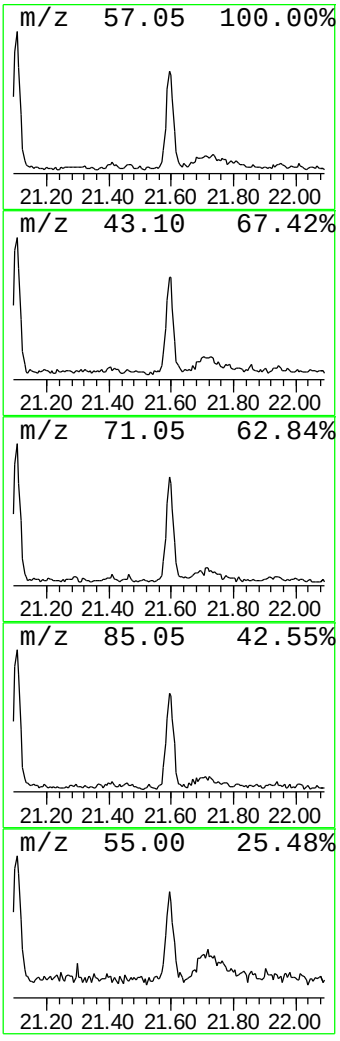
Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	4.25 ng	85992	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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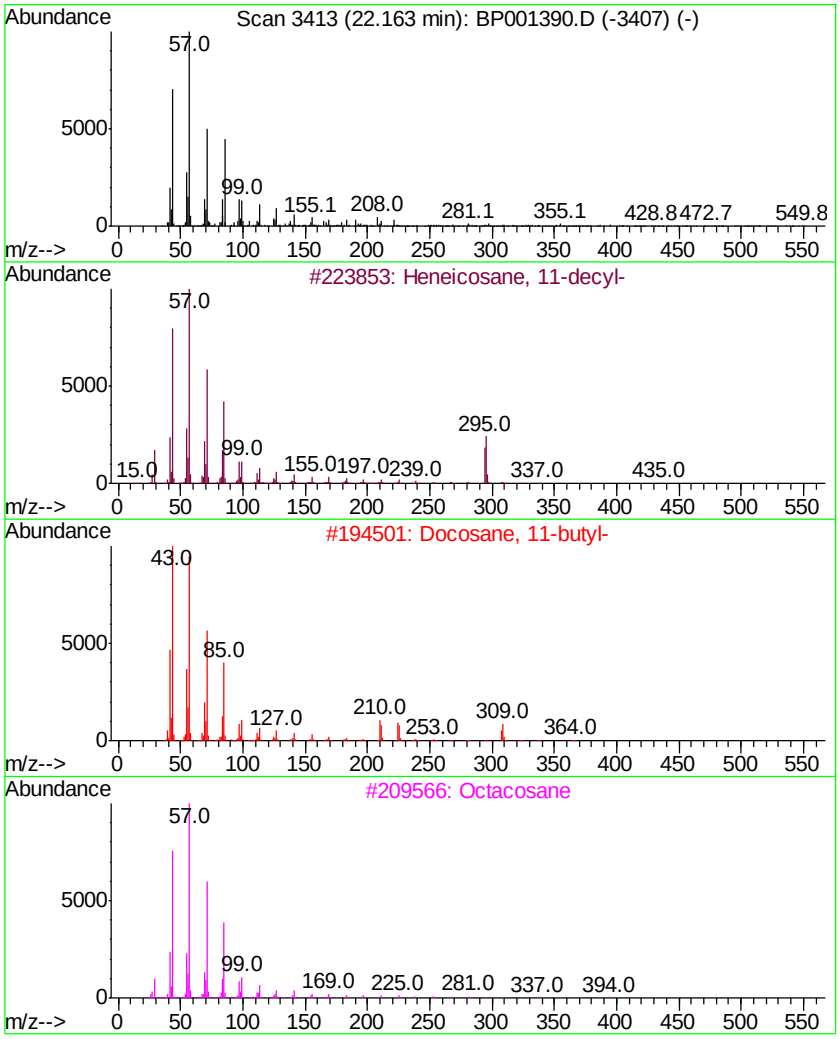
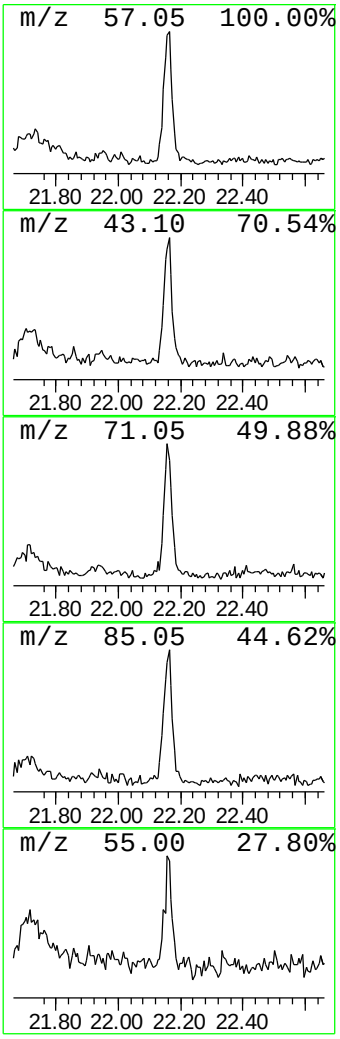
Peak Number 12 Heneicosane, 11-decyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.68 ng	54261	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122419\
Data File : BP001390.D
Acq On : 24 Dec 2019 17:04
Operator : JU
Sample : K6396-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
2-Pentanone, 4-hy...	5.60	14.6	ng	279419	1	8.28	382951	20.0
unknown7.93	7.93	81.2	ng	1554580	1	8.28	382951	20.0
n-Hexadecanoic acid	16.47	3.5	ng	110614	4	15.57	635232	20.0
1-Docosene	19.11	9.2	ng	220224	5	19.22	477446	20.0
Docosane	19.52	2.1	ng	51384	5	19.22	477446	20.0
2-methyloctacosane	19.90	2.8	ng	66816	5	19.22	477446	20.0
Heptadecane, 9-he...	20.28	4.7	ng	94800	6	20.99	404293	20.0
Heneicosane	20.67	4.7	ng	95176	6	20.99	404293	20.0
2-Bromo dodecane	21.10	5.1	ng	102707	6	20.99	404293	20.0
Hexacosane	21.59	4.3	ng	85992	6	20.99	404293	20.0
Heneicosane, 11-d...	22.16	2.7	ng	54261	6	20.99	404293	20.0