LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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	5.593	584	596	611	rBV	69998	114815	11.15%	1.495%
2	6.205	694	700	715	rBV	399591	520240	50.51%	6.776%
3	7.746	956	962	981	rBV	338998	435959	42.33%	5.678%
4	7.928	988	993	1002	rVB	672682	767882	74.55%	10.001%
5	8.069	1012	1017	1023	rBV2	6224	12529	1.22%	0.163%
6	8.281	1048	1053	1061	rBV	128917	147118	14.28%	1.916%
7	8.522	1088	1094	1099	rBV	541023	642622	62.39%	8.370%
8	9.169	1196	1204	1214	rBV	413940	519267	50.41%	6.763%
9	10.316	1394	1399	1407	rBV	137529	165197	16.04%	2.152%
10	12.098	1695	1702	1723	rBV	791804	976758	94.83%	12.721%
11	12.769	1810	1816	1827	rBV	40544	62422	6.06%	0.813%
12	13.175	1879	1885	1897	rBV	159490	205939	19.99%	2.682%
13	14.475	2099	2106	2126	rBV	541255	750553	72.87%	9.775%
14	15.575	2288	2293	2307	rBV	179340	224533	21.80%	2.924%
15	16.469	2441	2445	2455	rBV3	50835	70285	6.82%	0.915%
16	17.557	2626	2630	2639	rBV	16226	25092	2.44%	0.327%
17	17.757	2661	2664	2667	rBV	13767	13075	1.27%	0.170%
18	17.863	2676	2682	2686	rBV	980741	1029987	100.00%	13.415%
19	18.228	2740	2744	2748	rBV	17347	17059	1.66%	0.222%
20	18.675	2817	2820	2824	rVB	14525	13719	1.33%	0.179%
21	19.104	2889	2893	2895	rBV	16160	19156	1.86%	0.249%
22	19.145	2895	2900	2908	rVV6	24301	81168	7.88%	1.057%
23	19.222	2908	2913	2929	rVB	189180	247488	24.03%	3.223%
24	19.510	2958	2962	2968	rVB	26295	29544	2.87%	0.385%
25	19.898	3023	3028	3032	rBV	37924	39786	3.86%	0.518%
26	20.274	3083	3092	3097	rBV	45878	64287	6.24%	0.837%
27	20.663	3153	3158	3165	rBV	46964	57579	5.59%	0.750%
28	20.986	3207	3213	3223	rVV2	142601	212024	20.59%	2.761%
29	21.092	3223	3231	3241	rVB	44414	79967	7.76%	1.042%
30	21.580	3309	3314	3324	rVB	28799	50406	4.89%	0.656%
31	22.145	3403	3410	3420	rVB3	20875	47043	4.57%	0.613%
32	22.804	3516	3522	3531	rBV3	5710	14575	1.42%	0.190%
33	23.568	3646	3652	3666	rVB3	6359	19958	1.94%	0.260%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

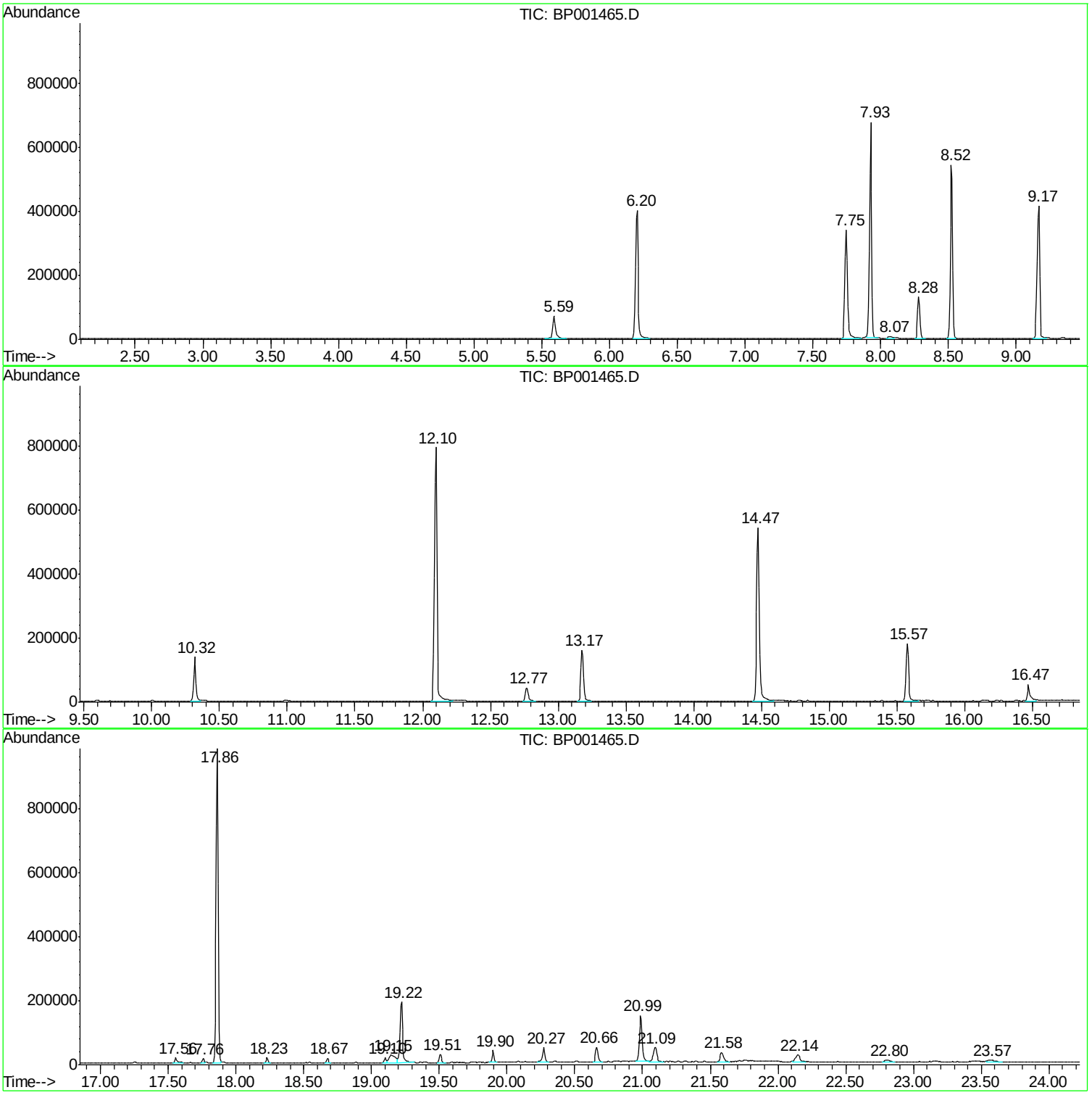
Sum of corrected areas: 7678032

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

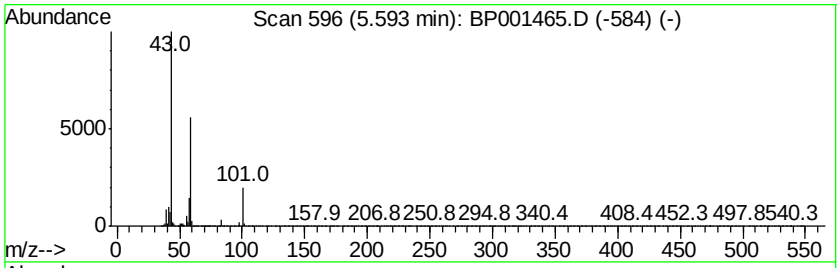
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

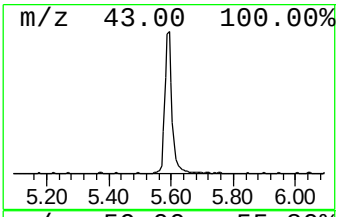
****

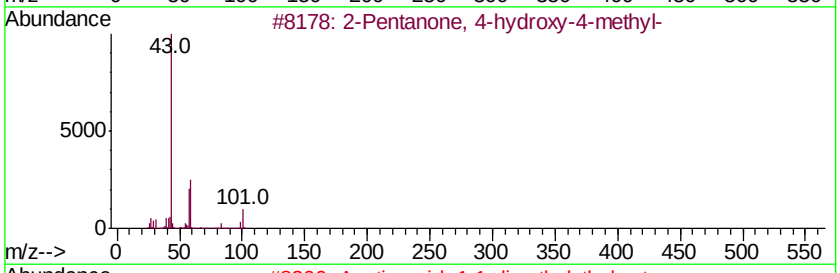
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

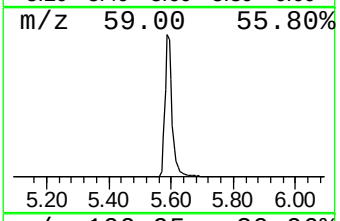
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	15.61 ng	114815	1,4-Dichlorobenzene-d4	8.28

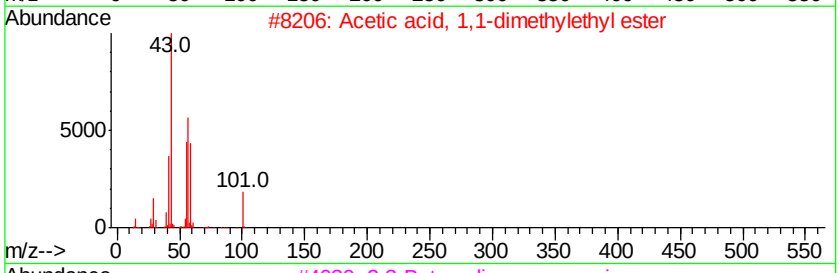
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17

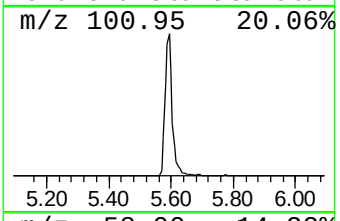


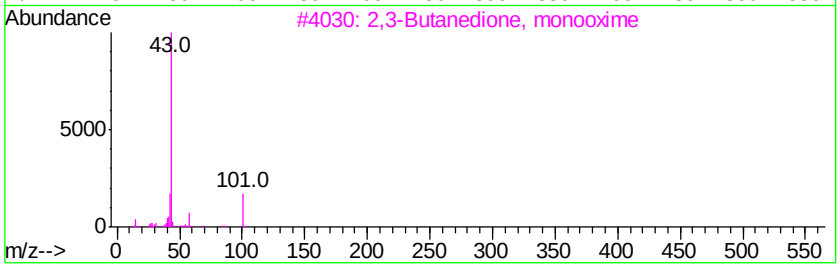


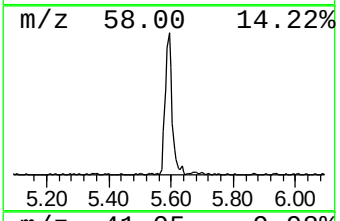


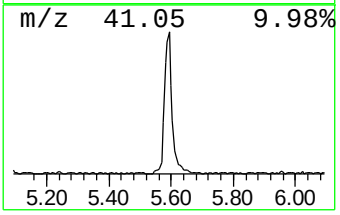












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

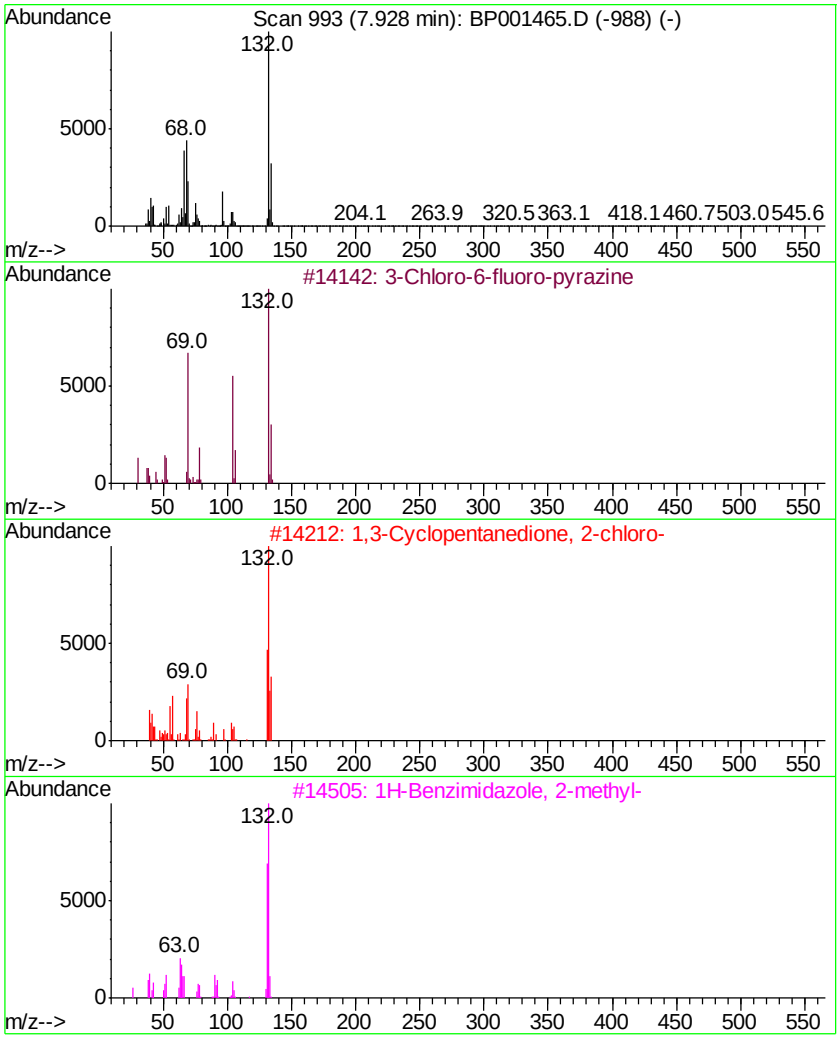
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

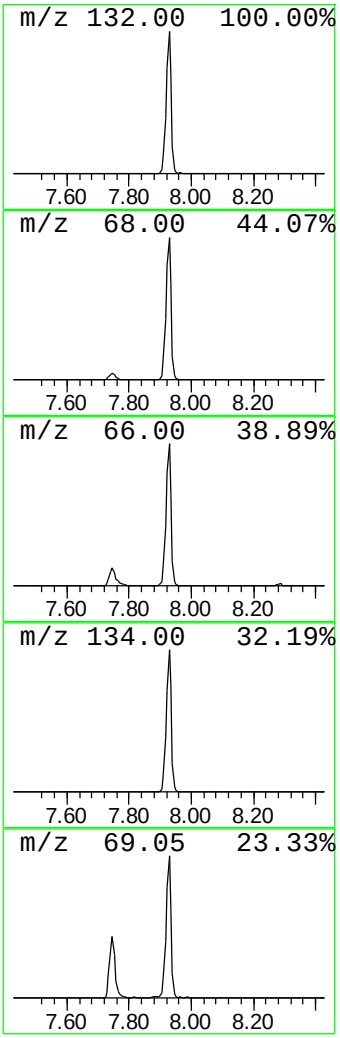
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	104.39 ng	767882	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

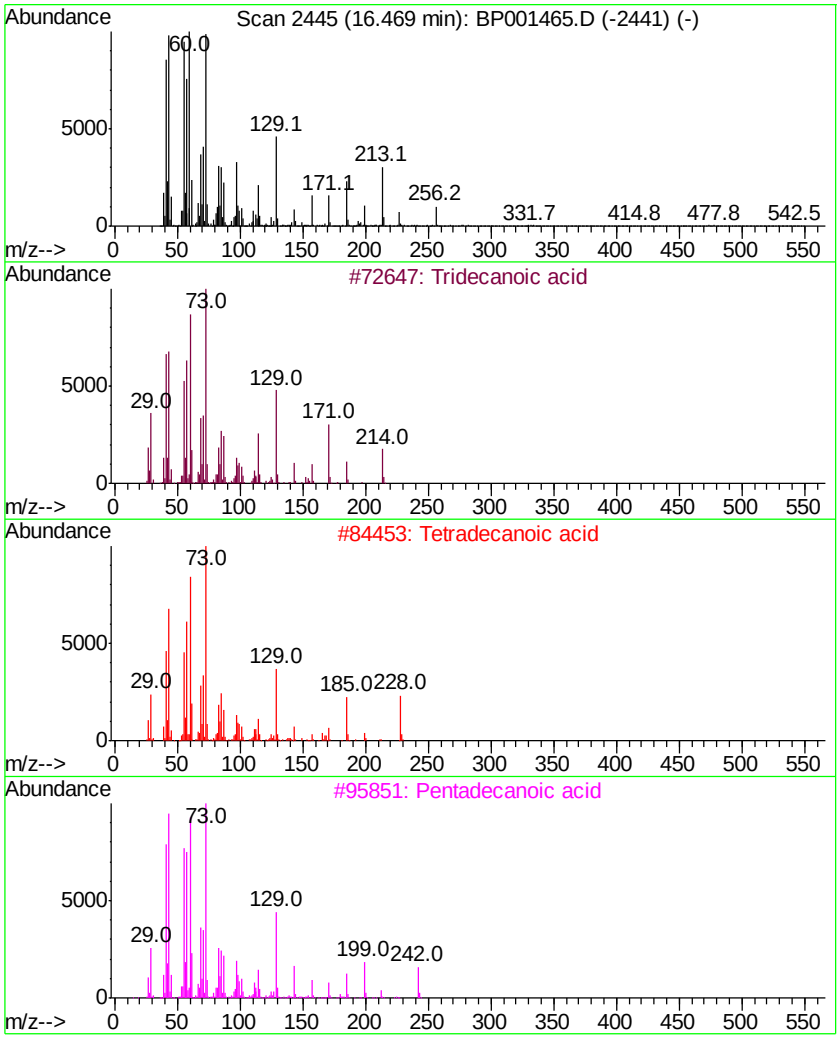
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

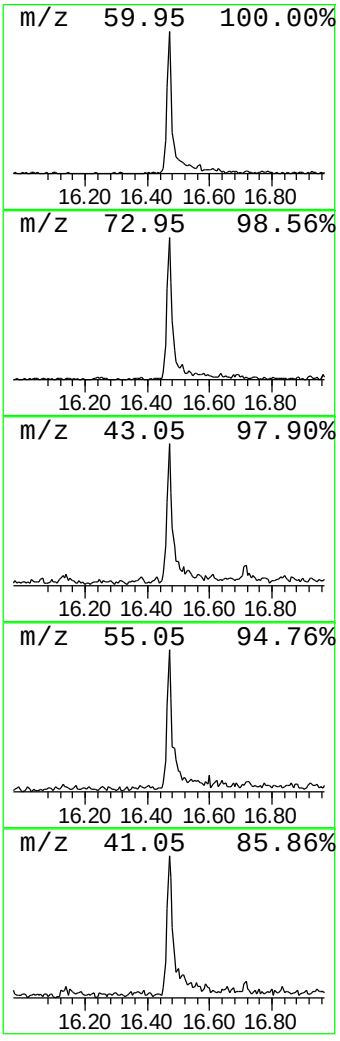
****

Peak Number 4 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	6.26 ng	70285	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

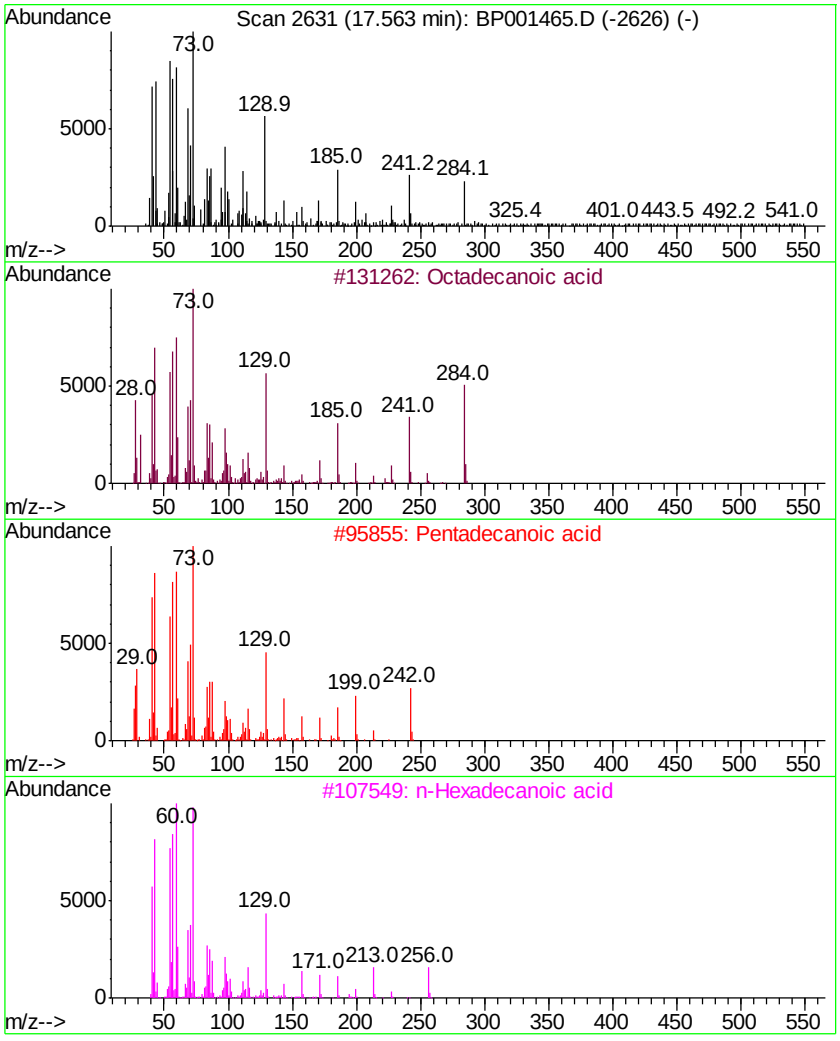
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

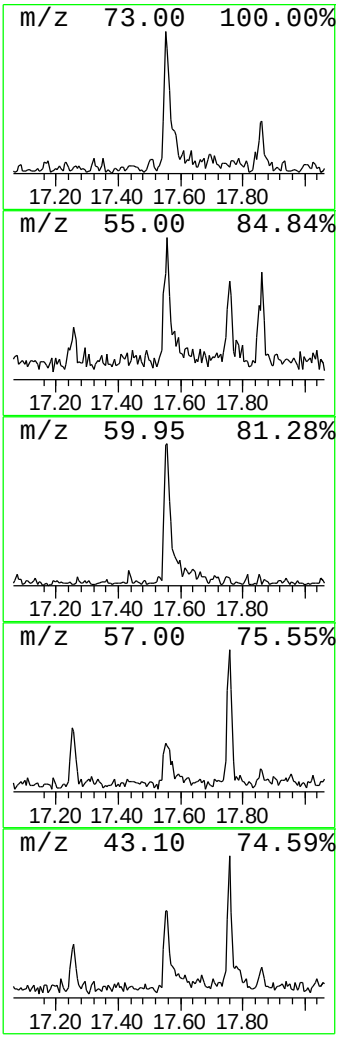
****

Peak Number 5 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.03 ng	25092	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

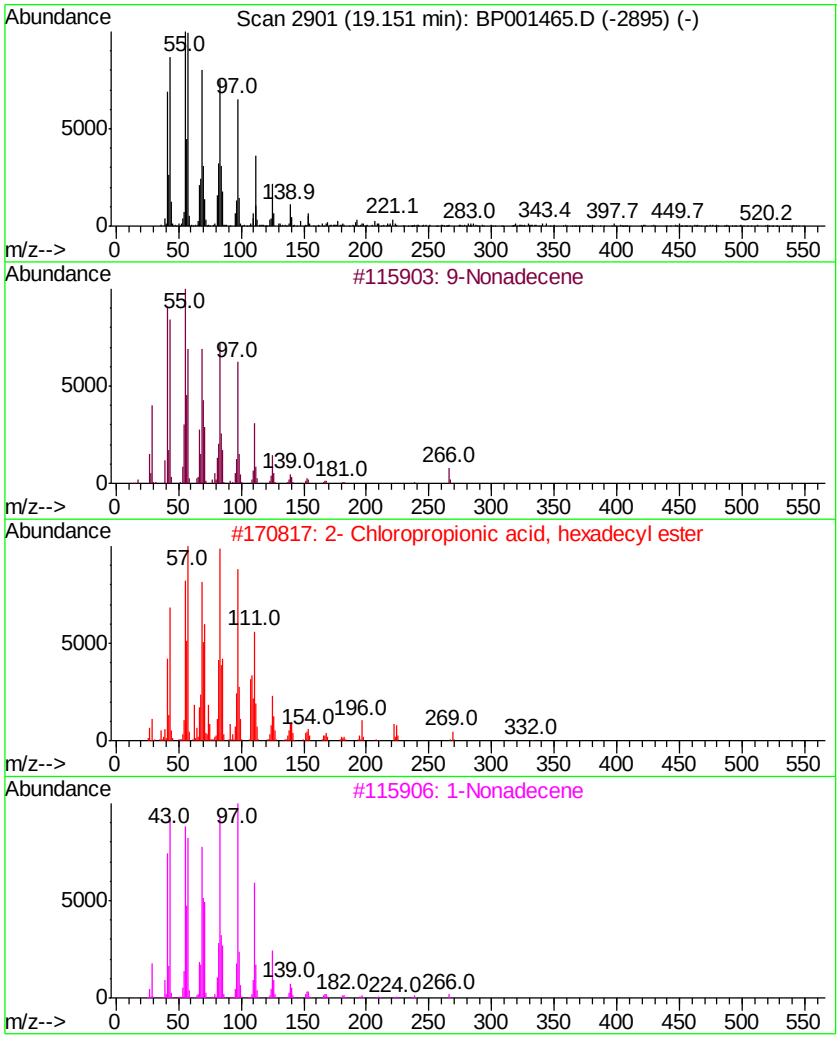
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

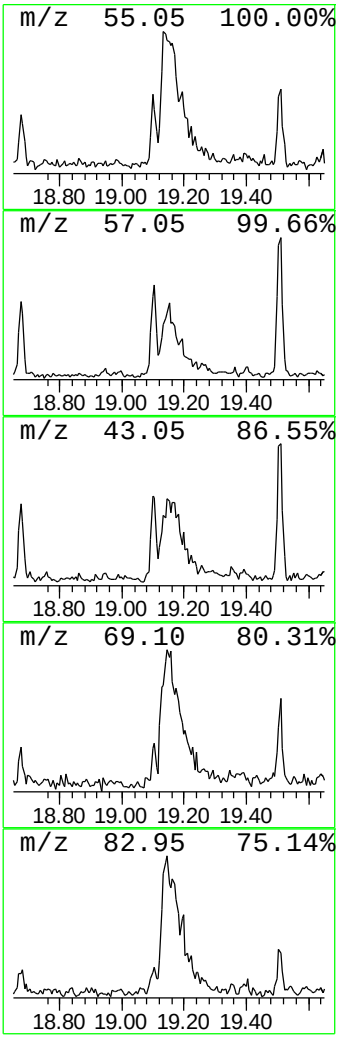
****

Peak Number 6 9-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	6.56 ng	81168	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	89
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87
3	1-Nonadecene	266	C19H38	018435-45-5	74
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	70
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

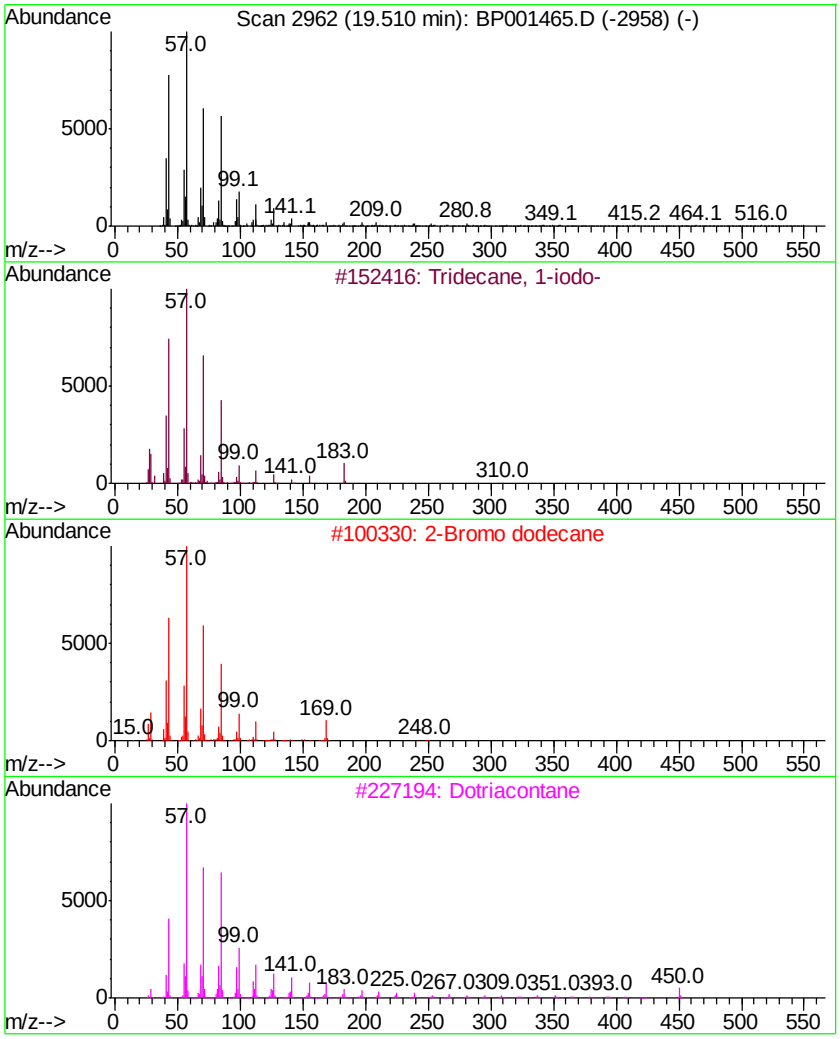
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

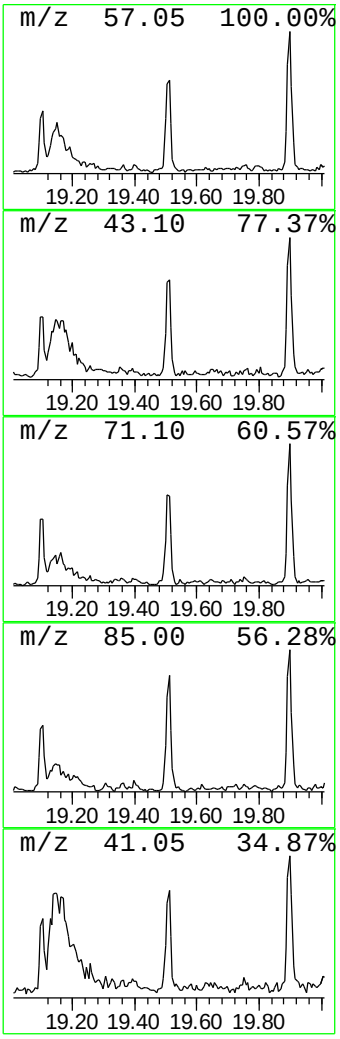
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	2.39 ng	29544	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Dotriacontane	451	C32H66	000544-85-4	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

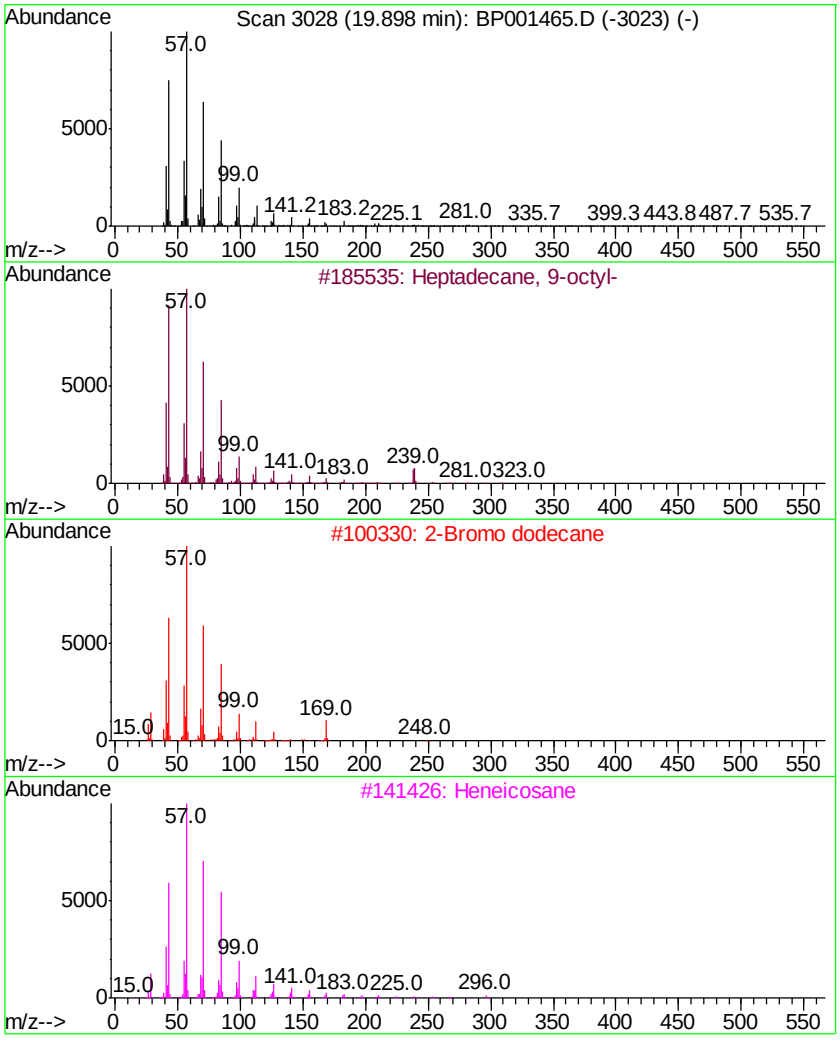
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

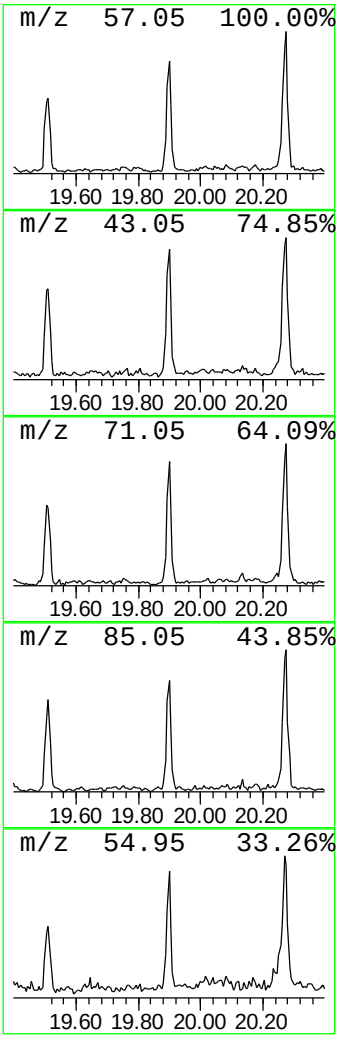
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.22 ng	39786	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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

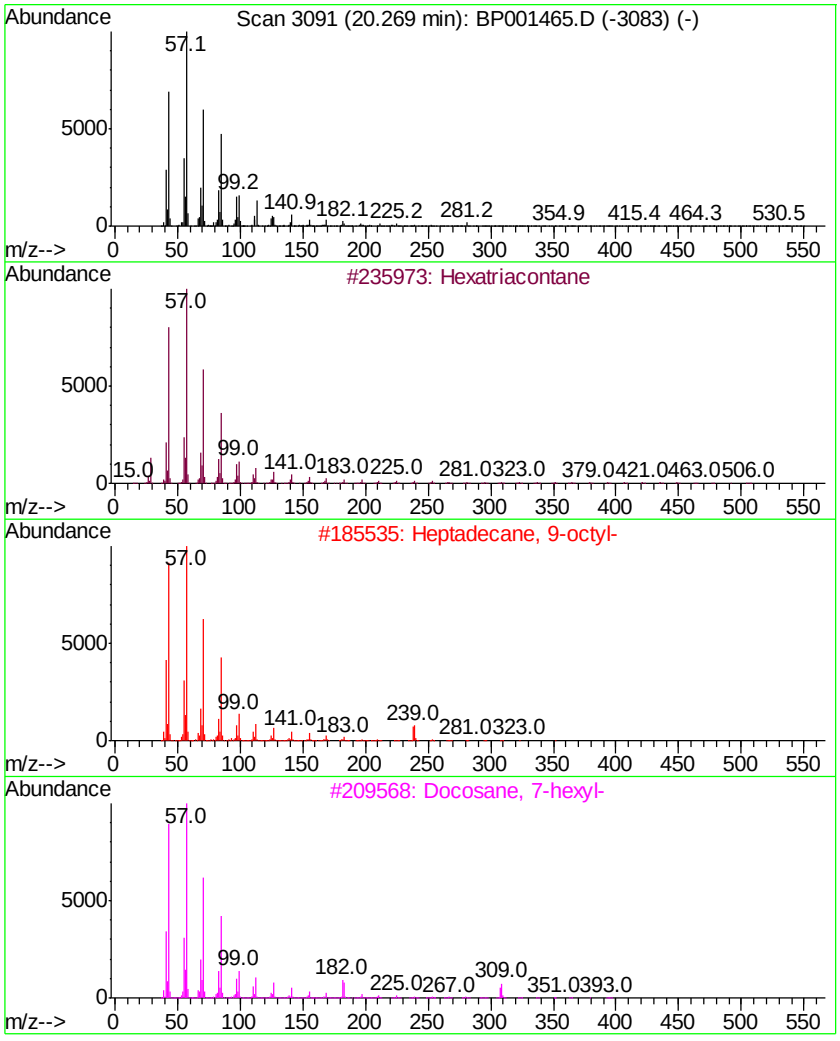
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

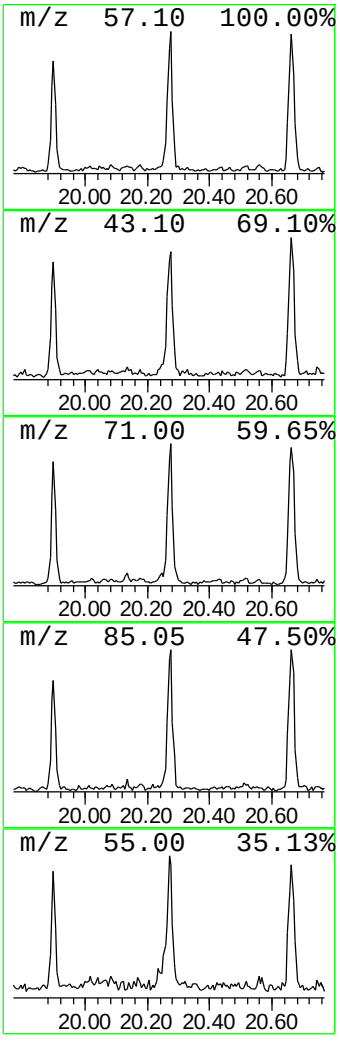
****

Peak Number 9 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	6.06 ng	64287	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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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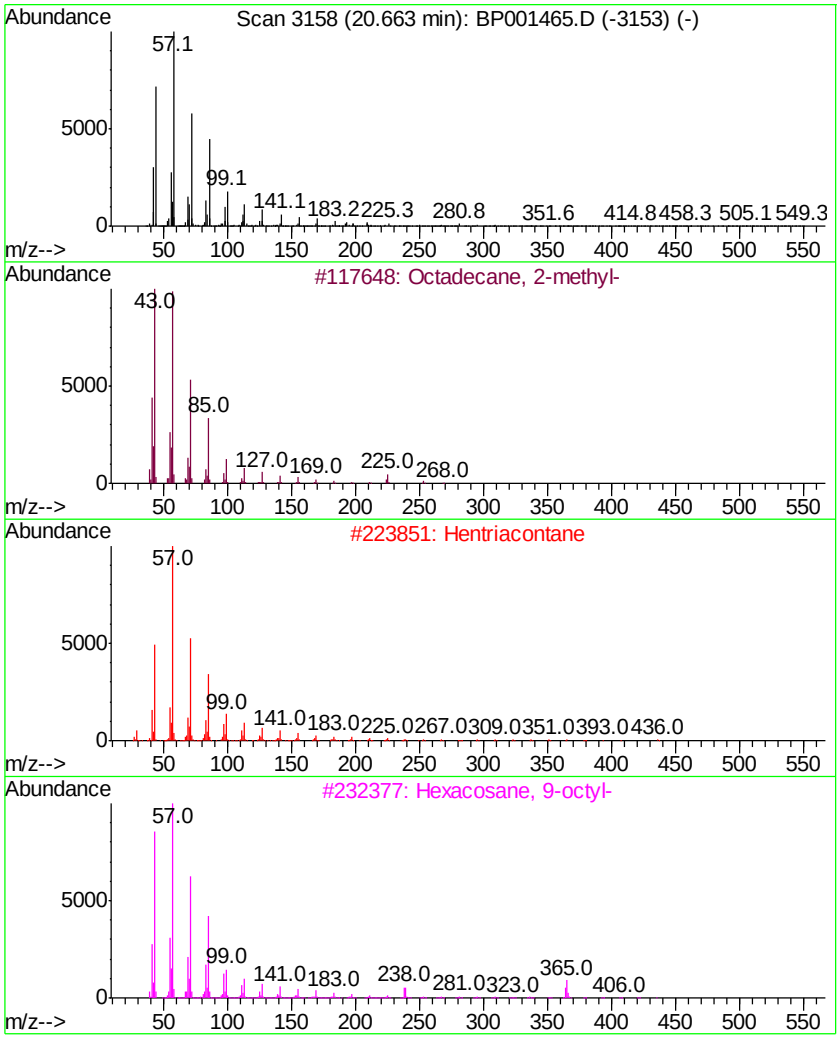
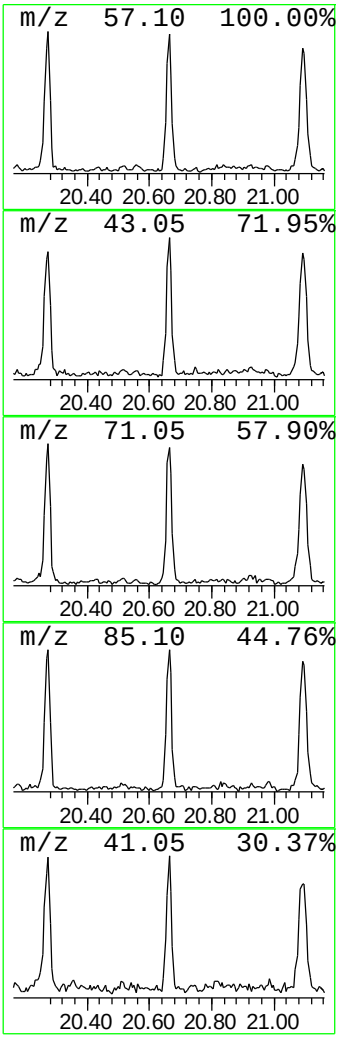
Peak Number 10 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	5.43 ng	57579	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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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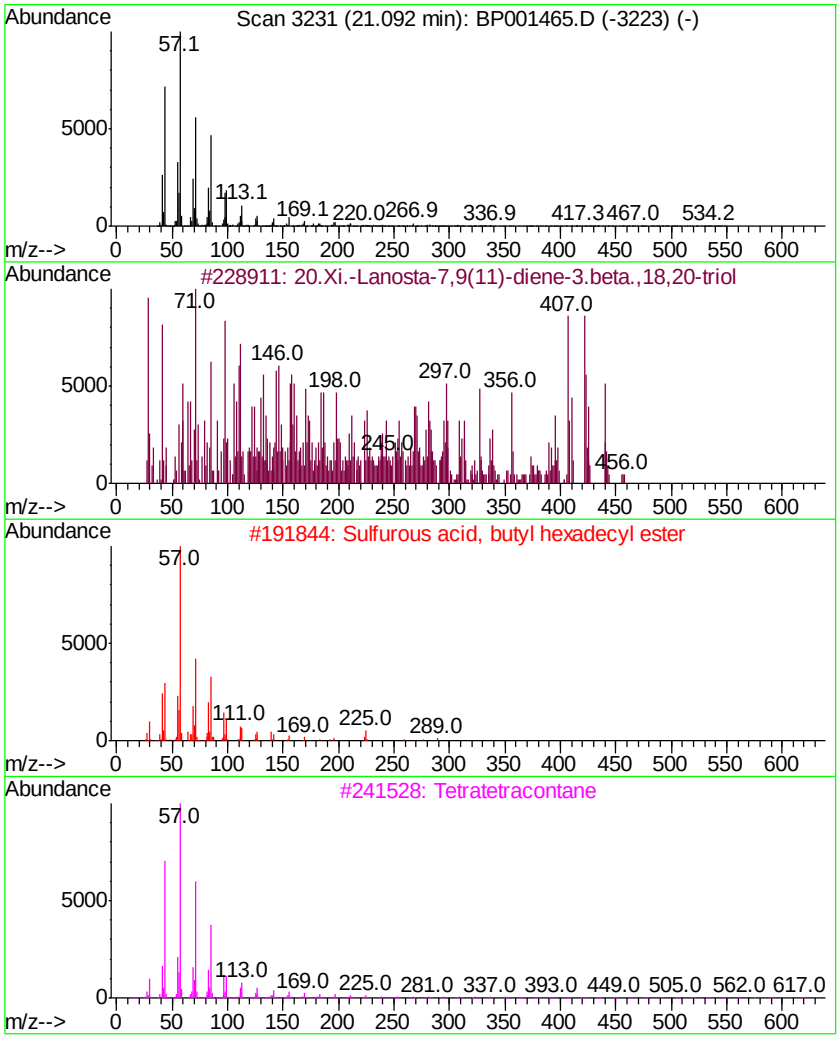
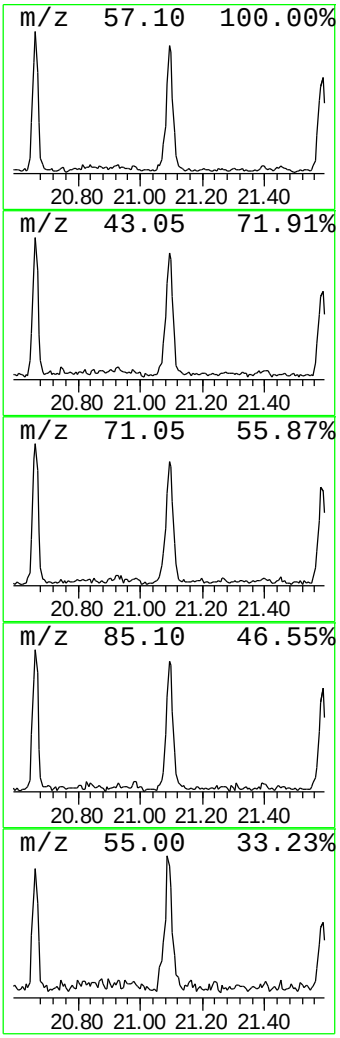
Peak Number 11 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.54 ng	79967	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
2	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyltetracosane	352	C25H52	1000376-72-6	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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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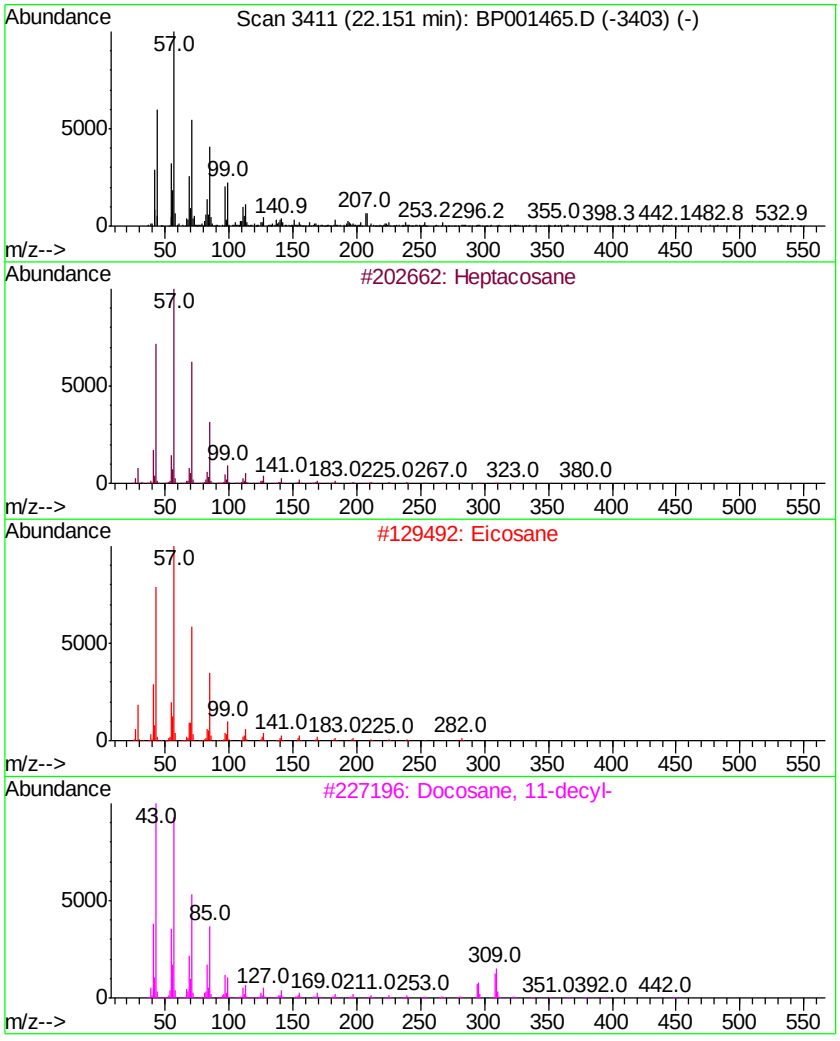
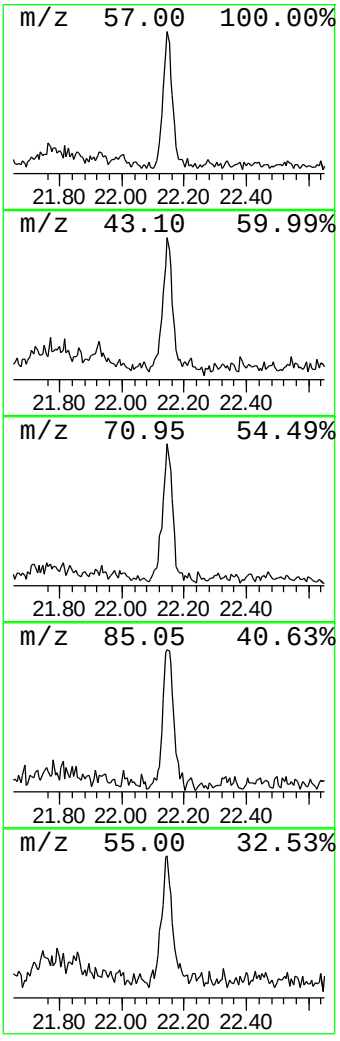
Peak Number 13 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	4.44 ng	47043	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	86
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5	Tricosane	324	C23H48	000638-67-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122719\
Data File : BP001465.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : K6431-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GW-1

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...	5.59	15.6	ng	114815	1	8.28	147118	20.0
unknown7.93	7.93	104.4	ng	767882	1	8.28	147118	20.0
Tridecanoic acid	16.47	6.3	ng	70285	4	15.57	224533	20.0
Octadecanoic acid	17.56	2.0	ng	25092	5	19.22	247488	20.0
9-Nonadecene	19.15	6.6	ng	81168	5	19.22	247488	20.0
Tridecane, 1-iodo-	19.51	2.4	ng	29544	5	19.22	247488	20.0
Heptadecane, 9-oc...	19.90	3.2	ng	39786	5	19.22	247488	20.0
Hexatriacontane	20.27	6.1	ng	64287	6	20.99	212024	20.0
Octadecane, 2-met...	20.66	5.4	ng	57579	6	20.99	212024	20.0
20.Xi.-Lanosta-7,...	21.09	7.5	ng	79967	6	20.99	212024	20.0
Heptacosane	22.15	4.4	ng	47043	6	20.99	212024	20.0