LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001436.D
Acq On : 26 Dec 2019 22:25
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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	591	596	607	rVB	107753	173820	16.04%	1.963%
2	6.210	695	701	718	rBV	632347	806607	74.45%	9.110%
3	7.752	957	963	981	rBV	658192	913615	84.33%	10.318%
4	7.928	987	993	1005	rVB	757588	915351	84.49%	10.338%
5	8.281	1048	1053	1064	rVB	155989	182180	16.82%	2.057%
6	8.522	1089	1094	1100	rBV	576283	692677	63.94%	7.823%
7	9.169	1197	1204	1219	rBV	434379	572160	52.81%	6.462%
8	10.316	1387	1399	1411	rBV	164258	213504	19.71%	2.411%
9	12.098	1693	1702	1719	rBV	874775	1050075	96.93%	11.859%
10	12.769	1808	1816	1823	rBV	26436	37206	3.43%	0.420%
11	13.181	1879	1886	1896	rBV	196005	256231	23.65%	2.894%
12	14.475	2100	2106	2123	rBV	614513	783729	72.34%	8.851%
13	15.575	2288	2293	2304	rVB	224141	265939	24.55%	3.003%
14	16.469	2440	2445	2453	rBV2	31374	43928	4.05%	0.496%
15	17.863	2676	2682	2686	rBV	1038197	1083379	100.00%	12.235%
16	19.163	2896	2903	2908	rBV5	18556	53011	4.89%	0.599%
17	19.222	2908	2913	2918	rVB	224237	247816	22.87%	2.799%
18	19.510	2958	2962	2969	rVB	10704	11783	1.09%	0.133%
19	19.880	3009	3025	3026	rBV8	36881	115933	10.70%	1.309%
20	20.274	3088	3092	3096	rVB	20600	24352	2.25%	0.275%
21	20.351	3102	3105	3111	rVB2	9486	11739	1.08%	0.133%
22	20.663	3154	3158	3165	rVB	27529	34761	3.21%	0.393%
23	20.986	3207	3213	3222	rVB	163506	227369	20.99%	2.568%
24	21.098	3227	3232	3240	rBV	29076	43640	4.03%	0.493%
25	21.586	3310	3315	3321	rBV2	24938	40679	3.75%	0.459%
26	22.151	3406	3411	3417	rVB4	15609	30953	2.86%	0.350%
27	22.804	3518	3522	3531	rVB7	9365	22077	2.04%	0.249%

Sum of corrected areas: 8854514

LSC Report - Integrated Chromatogram

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Data File : BP001436.D
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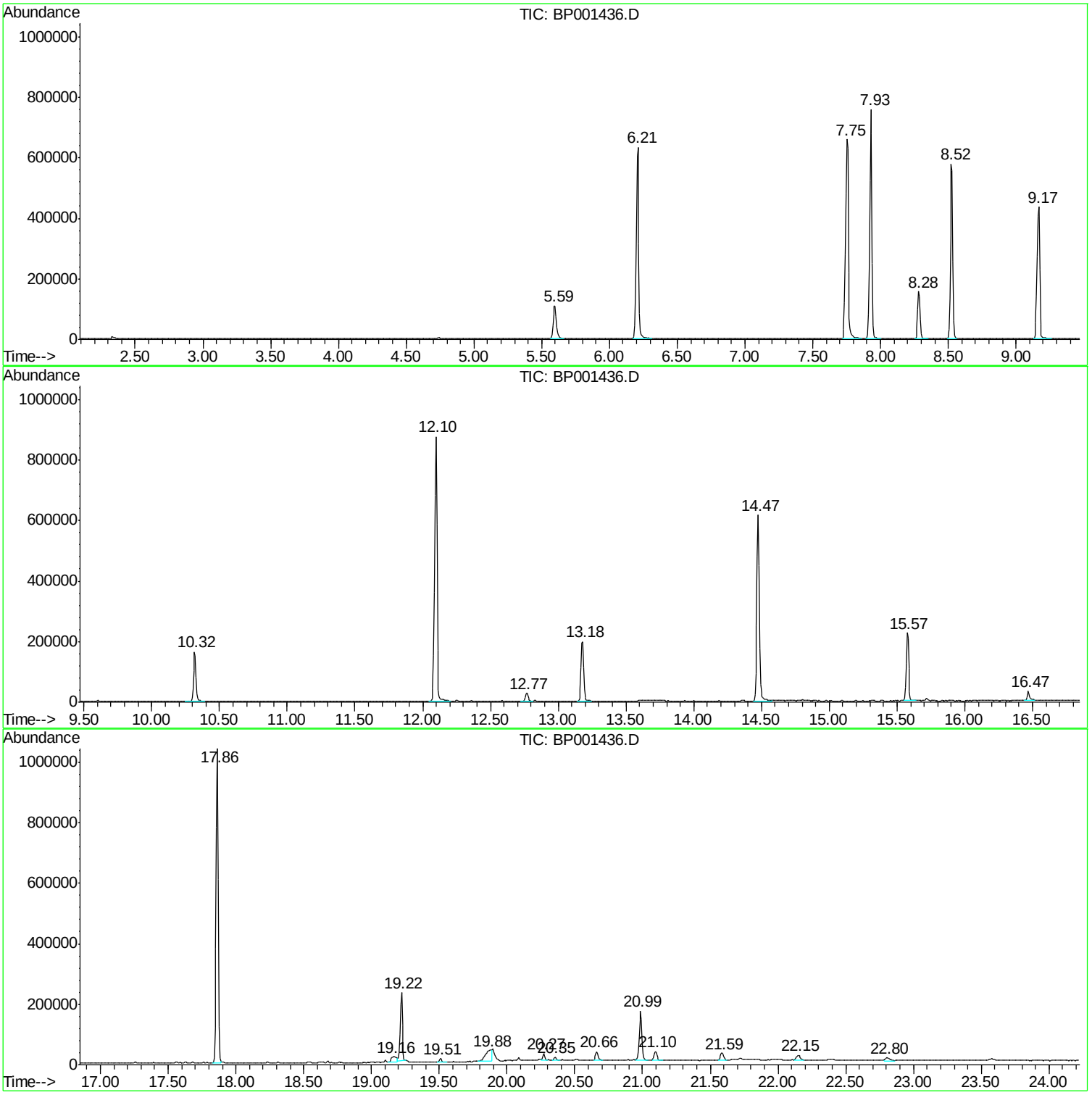
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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

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Data File : BP001436.D
Acq On : 26 Dec 2019 22:25
Operator : JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

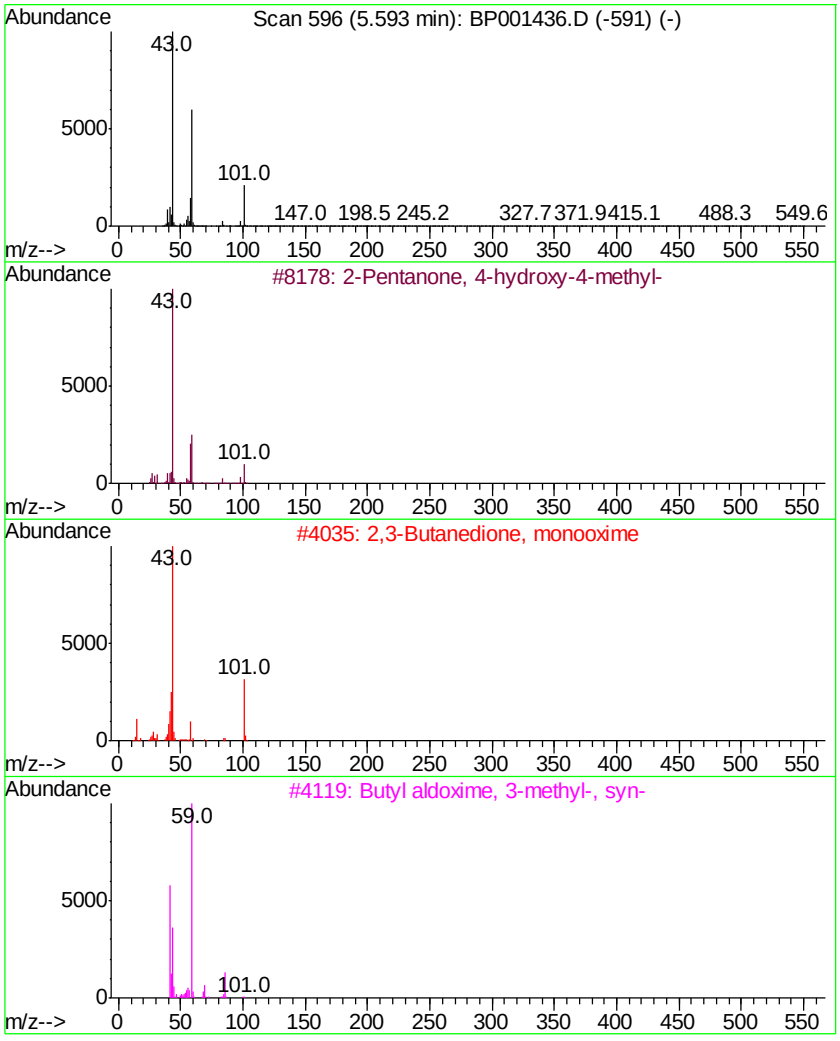
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

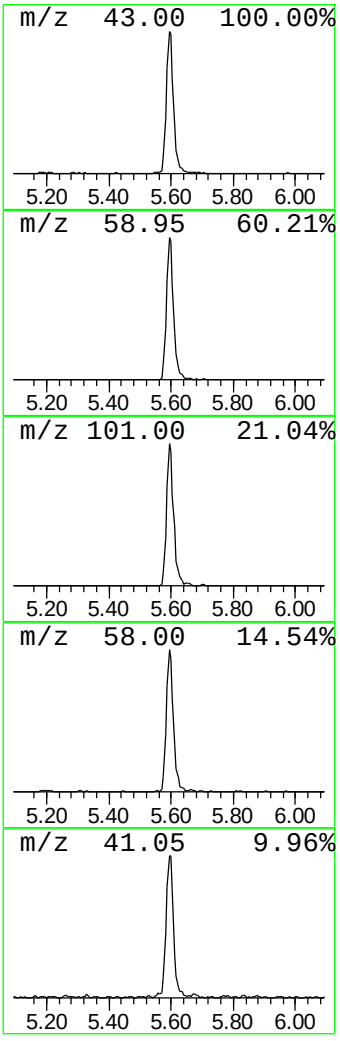
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	19.08 ng	173820	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9





Library Search Compound Report

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Data File : BP001436.D
Acq On : 26 Dec 2019 22:25
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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

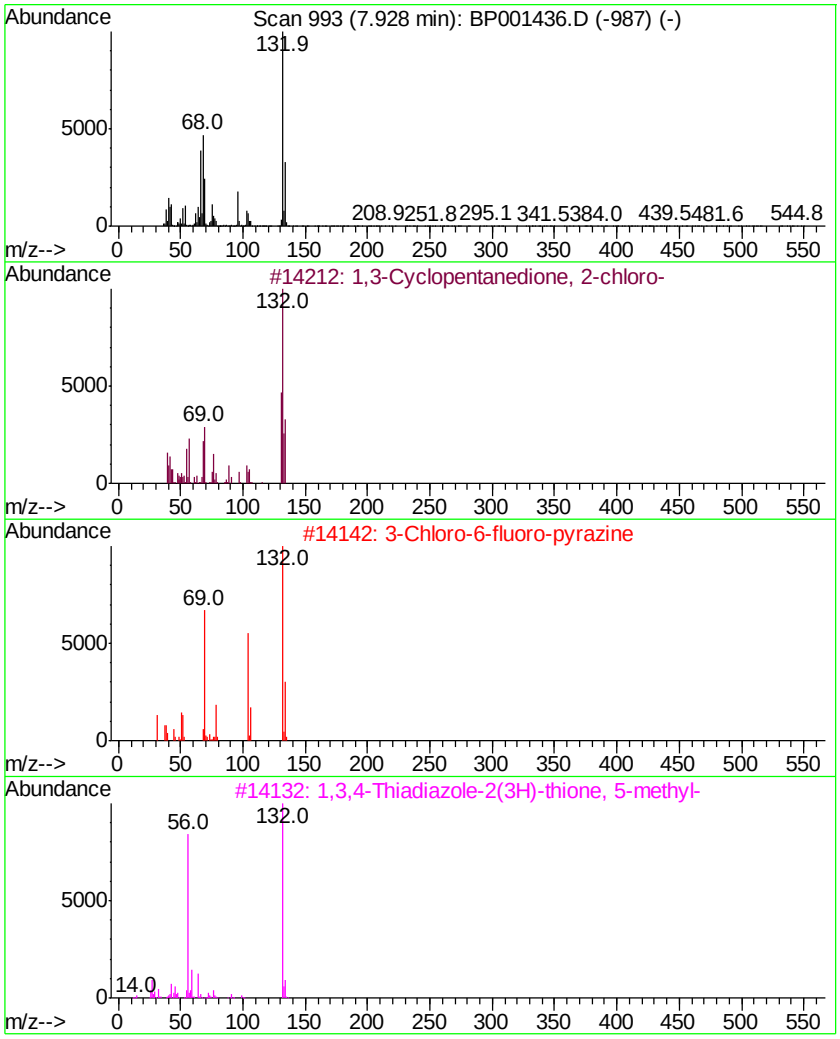
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

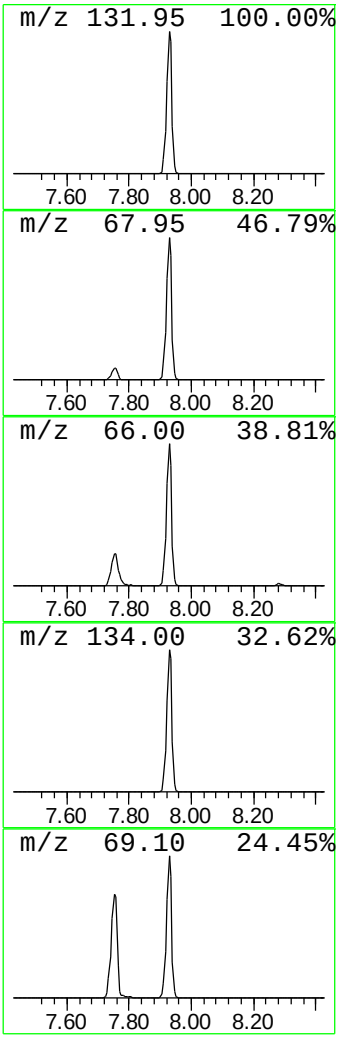
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	100.49 ng	915351	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Data File : BP001436.D
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Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
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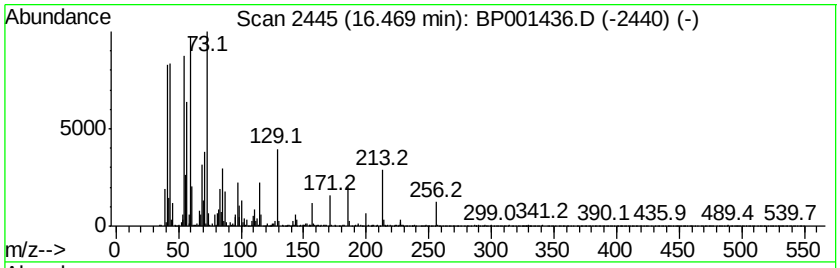
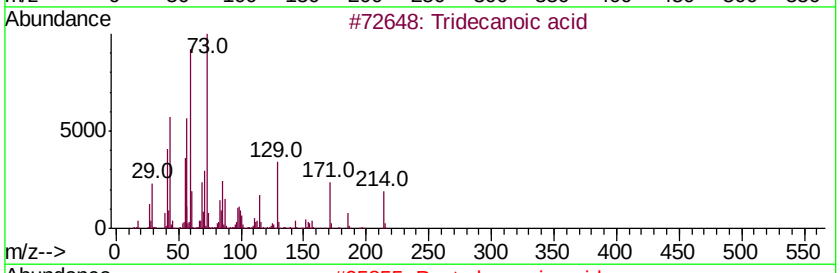
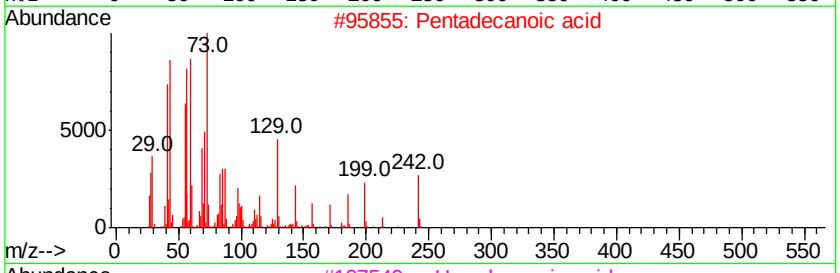
Peak Number 4 Tridecanoic acid Concentration Rank 8

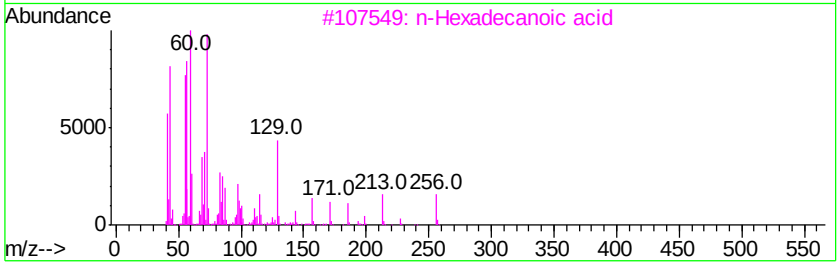
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.30 ng	43928	Phenanthrene-d10	15.57

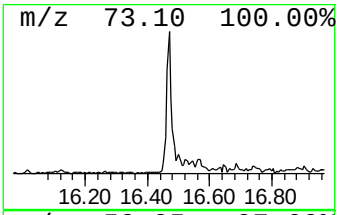
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	74
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64

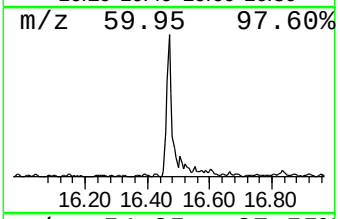


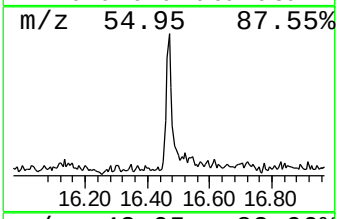


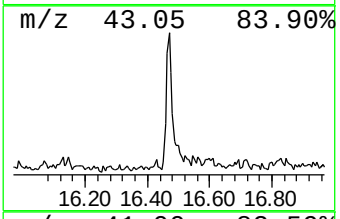


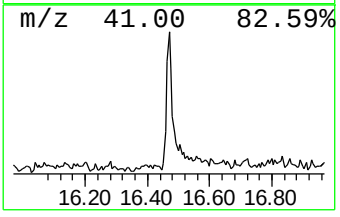












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001436.D
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Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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

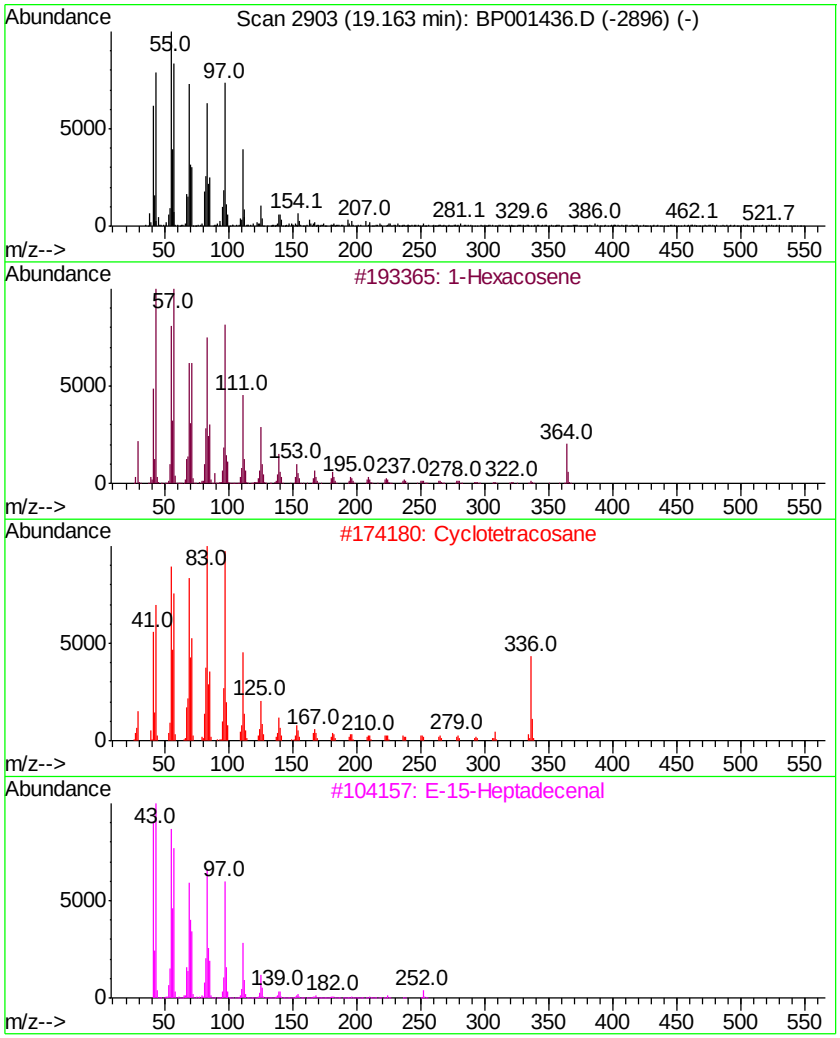
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

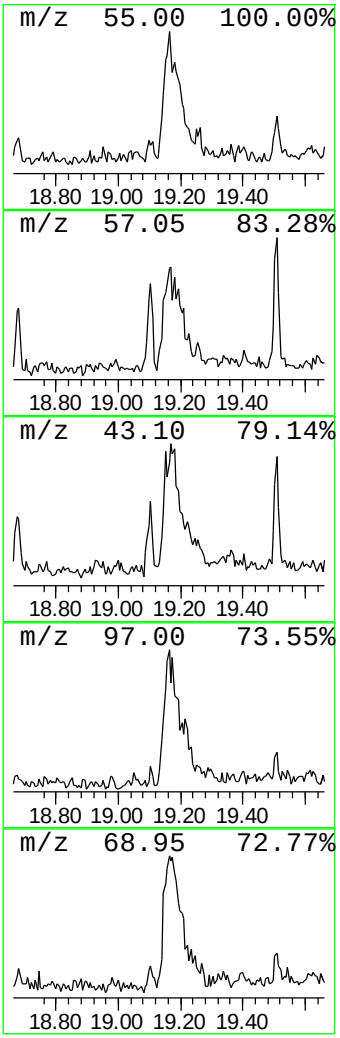
****

Peak Number 5 1-Hexacosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.28 ng	53011	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	Cyclotetracosane	336	C24H48	000297-03-0	81
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	64
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	60
5	17-Pentatriacontene	491	C35H70	006971-40-0	58





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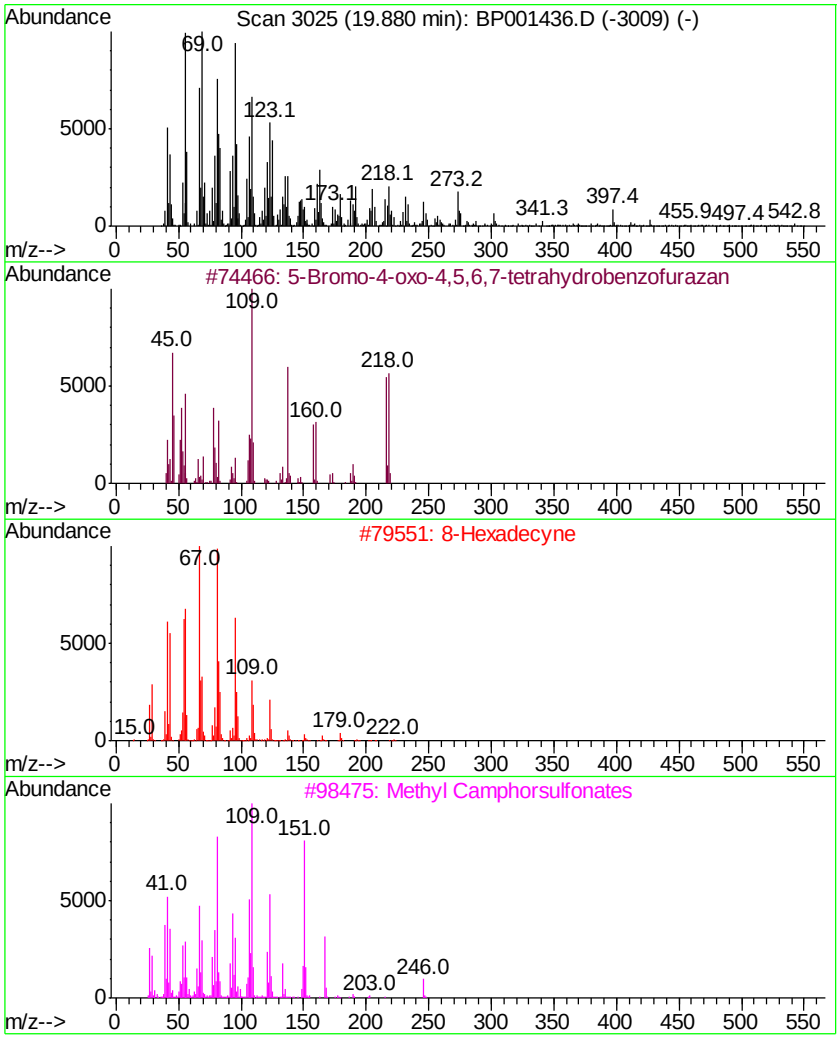
TIC Integration Parameters: LSCINT.P

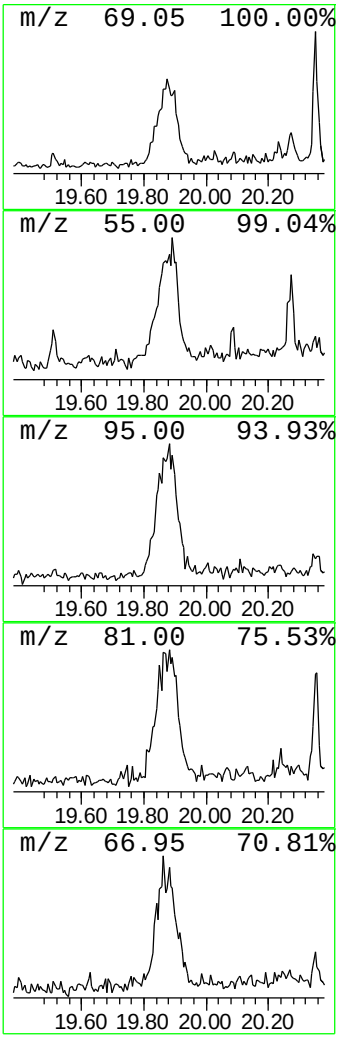
****

Peak Number 6 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	9.36 ng	115933	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90
2	8-Hexadecyne	222	C16H30	019781-86-3	78
3	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	64
4	Tridecanedial	212	C13H24O2	063521-76-6	53
5	9-Eicosyne	278	C20H38	071899-38-2	52





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Operator : JU
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Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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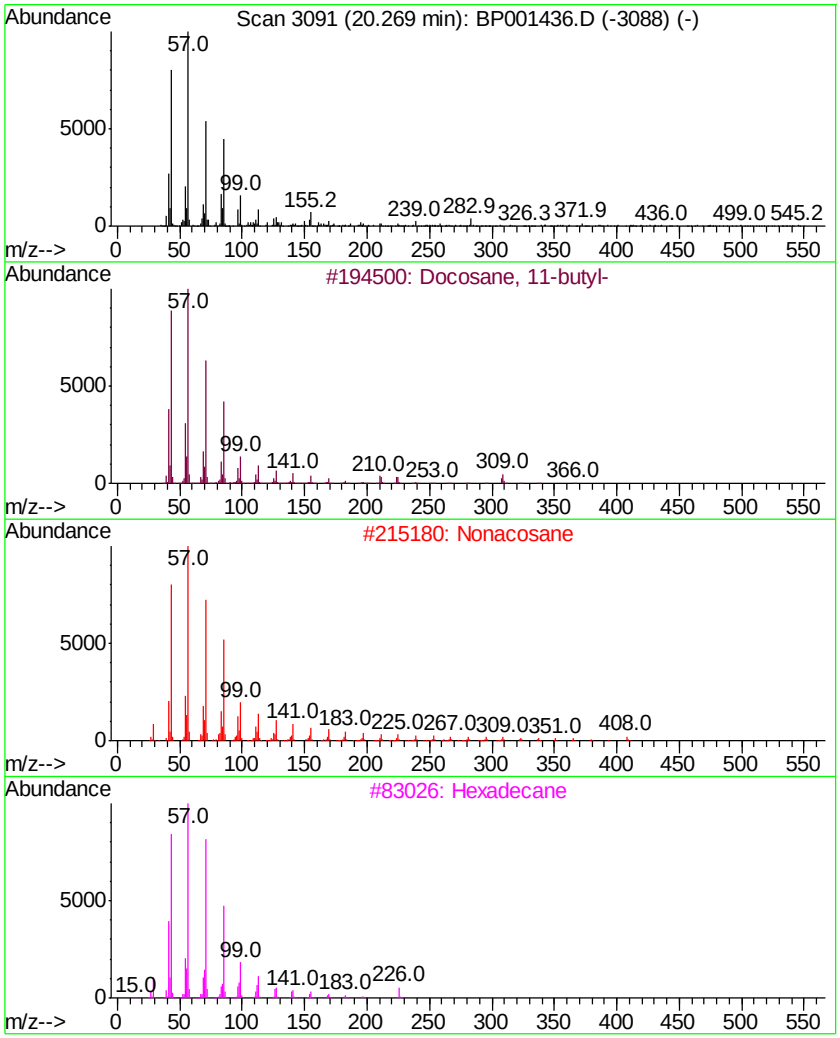
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

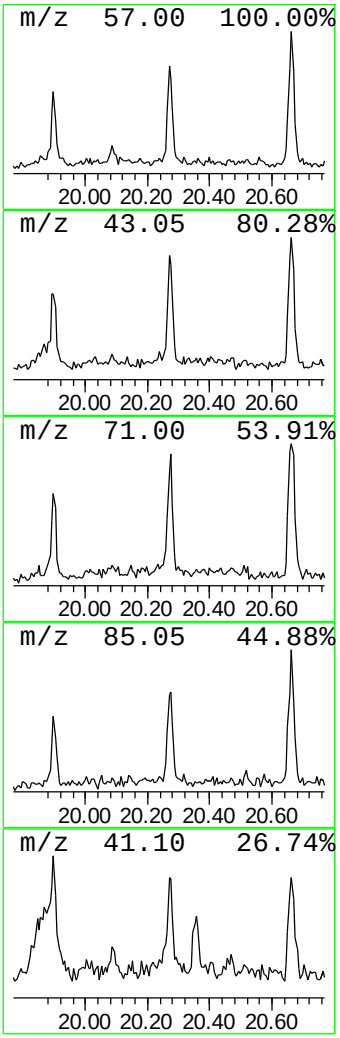
****

Peak Number 7 Docosane, 11-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.14 ng	24352	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Nonacosane	408	C29H60	000630-03-5	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





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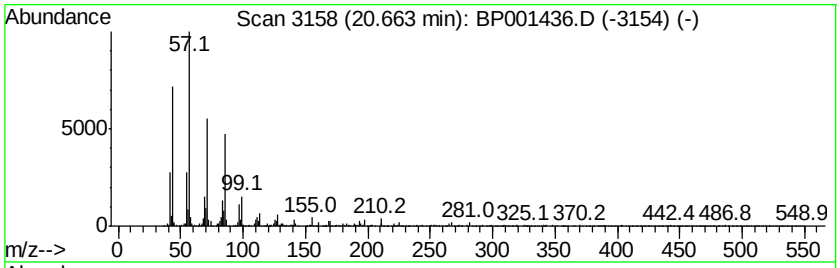
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

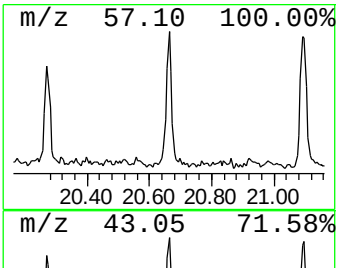
****

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.06 ng	34761	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	87
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	87





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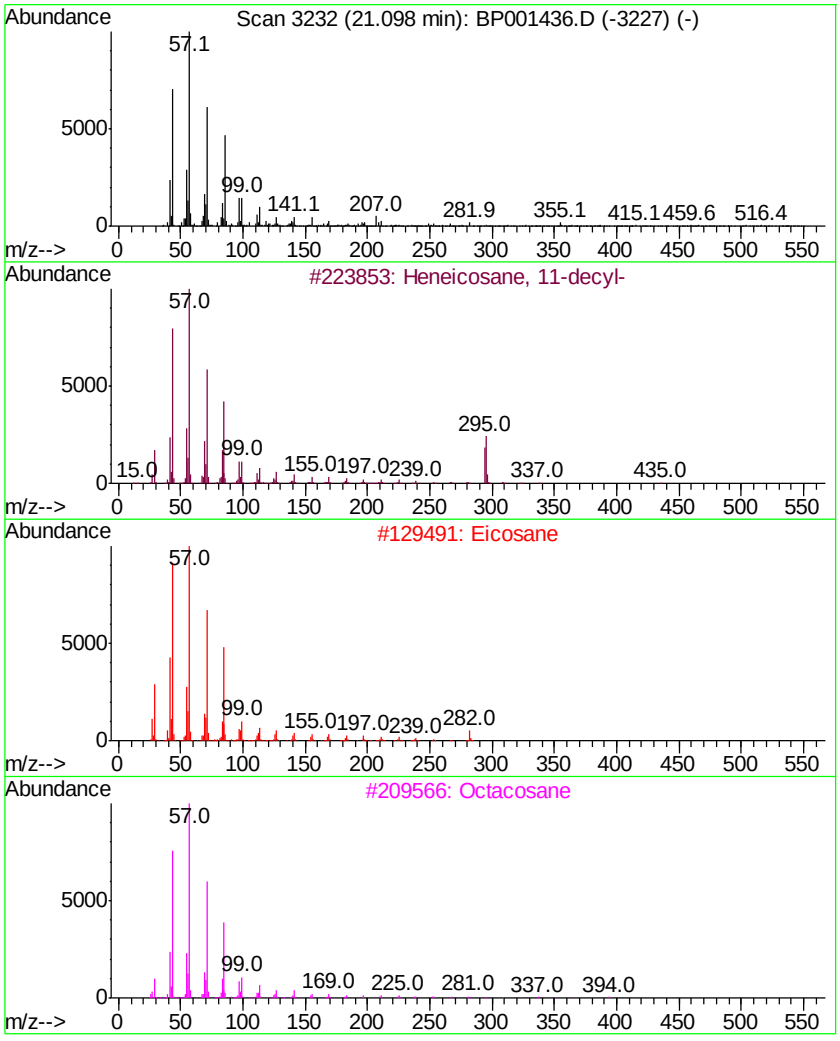
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

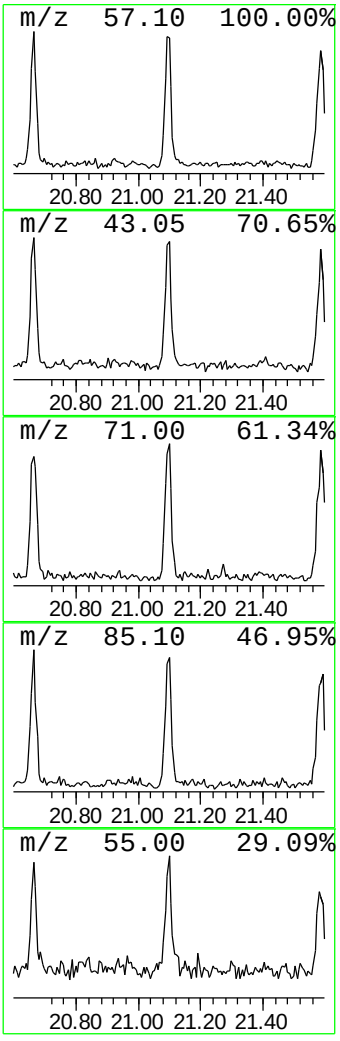
****

Peak Number 9 Heneicosane, 11-decyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.84 ng	43640	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001436.D
Acq On : 26 Dec 2019 22:25
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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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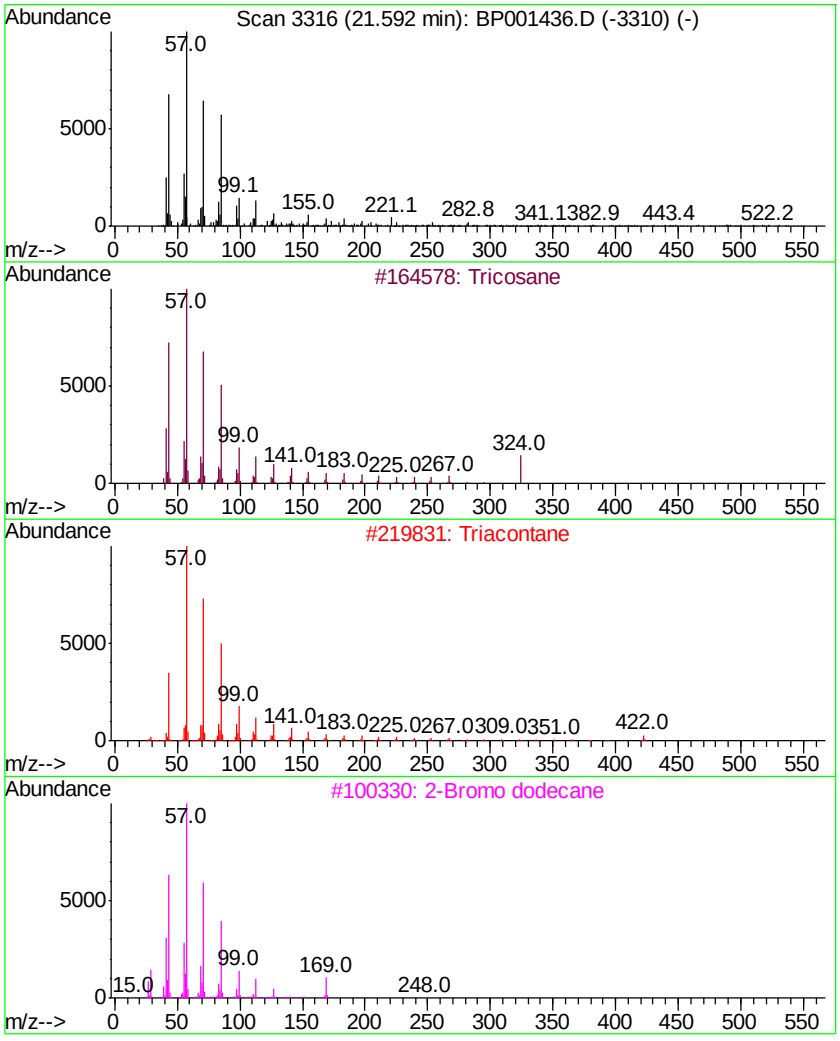
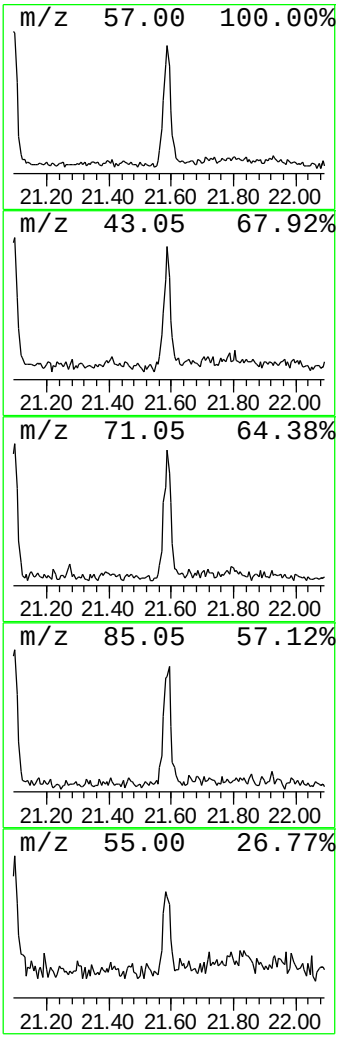
Peak Number 10 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.58 ng	40679	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	89
2	Triacontane	422	C30H62	000638-68-6	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001436.D
Acq On : 26 Dec 2019 22:25
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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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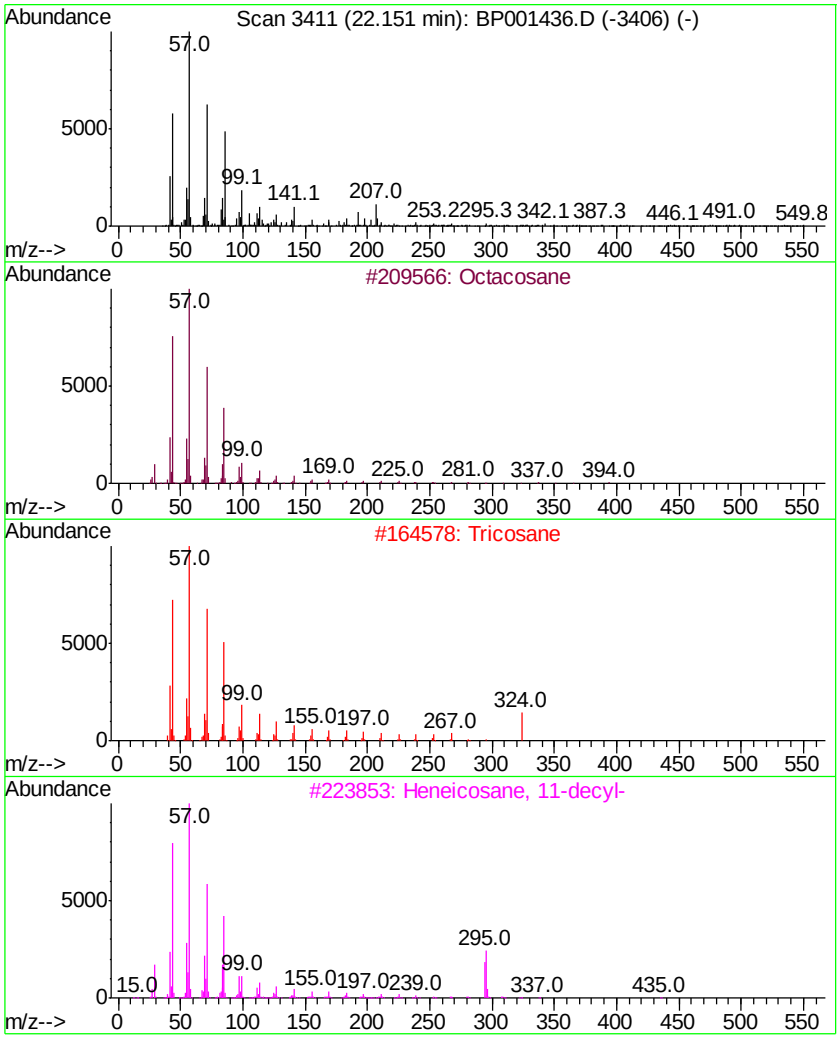
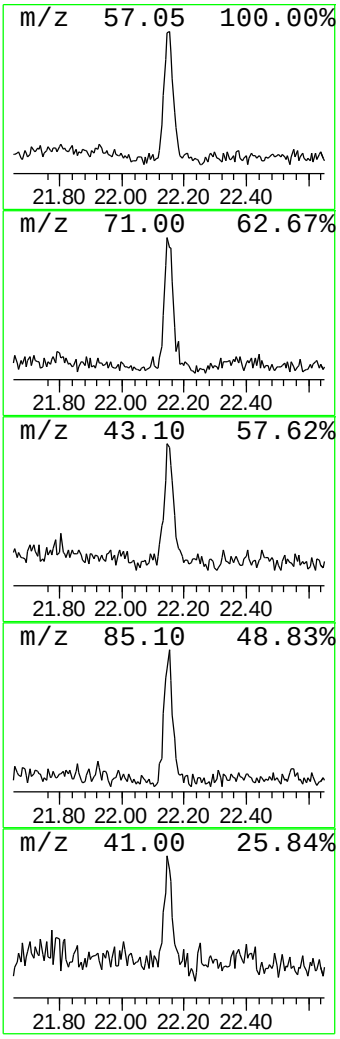
Peak Number 11 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.72 ng	30953	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tricosane	324	C23H48	000638-67-5	90
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	74
4	Nonacosane	408	C29H60	000630-03-5	74
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122619\
Data File : BP001436.D
Acq On : 26 Dec 2019 22:25
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GP-5-(6-8)

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	19.1	ng	173820	1	8.28	182180	20.0
unknown7.93	7.93	100.5	ng	915351	1	8.28	182180	20.0
Tridecanoic acid	16.47	3.3	ng	43928	4	15.57	265939	20.0
1-Hexacosene	19.16	4.3	ng	53011	5	19.22	247816	20.0
5-Bromo-4-oxo-4,5...	19.88	9.4	ng	115933	5	19.22	247816	20.0
Docosane, 11-butyl-	20.27	2.1	ng	24352	6	20.99	227369	20.0
Tridecane, 1-iodo-	20.66	3.1	ng	34761	6	20.99	227369	20.0
Heneicosane, 11-d...	21.10	3.8	ng	43640	6	20.99	227369	20.0
Tricosane	21.59	3.6	ng	40679	6	20.99	227369	20.0
Octacosane	22.15	2.7	ng	30953	6	20.99	227369	20.0