LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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	5.587	590	595	612	rVB	81970	135664	14.23%	1.958%
2	6.205	694	700	713	rBV	465830	620311	65.06%	8.955%
3	7.752	956	963	979	rBV	519475	691406	72.51%	9.981%
4	7.928	987	993	1000	rBV	612273	706970	74.15%	10.206%
5	8.281	1048	1053	1060	rVB	127927	143133	15.01%	2.066%
6	8.522	1088	1094	1100	rBV	471655	551441	57.83%	7.961%
7	9.163	1197	1203	1223	rBV	331071	437216	45.85%	6.312%
8	10.316	1394	1399	1407	rBV	121138	157614	16.53%	2.275%
9	12.098	1695	1702	1716	rBV	643572	807584	84.70%	11.658%
10	12.769	1811	1816	1823	rBV	16893	26581	2.79%	0.384%
11	13.175	1880	1885	1898	rBV	149667	203807	21.37%	2.942%
12	14.475	2099	2106	2122	rBV	468166	639343	67.05%	9.230%
13	15.575	2288	2293	2302	rBV	182682	217868	22.85%	3.145%
14	16.463	2440	2444	2458	rBV3	23272	38331	4.02%	0.553%
15	17.863	2676	2682	2691	rBV	837977	953492	100.00%	13.765%
16	19.163	2896	2903	2908	rVV7	12062	37711	3.96%	0.544%
17	19.222	2908	2913	2926	rVB	184864	232636	24.40%	3.358%
18	19.510	2958	2962	2966	rBV2	9074	10455	1.10%	0.151%
19	19.898	3024	3028	3032	rBV	12975	12959	1.36%	0.187%
20	20.274	3088	3092	3095	rVB	15216	16308	1.71%	0.235%
21	20.351	3102	3105	3111	rVB4	8774	12133	1.27%	0.175%
22	20.663	3154	3158	3162	rBV2	17139	20423	2.14%	0.295%
23	20.986	3207	3213	3224	rBV	126109	193330	20.28%	2.791%
24	21.098	3227	3232	3238	rVB2	15296	24265	2.54%	0.350%
25	21.586	3310	3315	3321	rBV2	13346	23004	2.41%	0.332%
26	22.145	3406	3410	3417	rVB5	6772	13103	1.37%	0.189%

Sum of corrected areas: 6927088

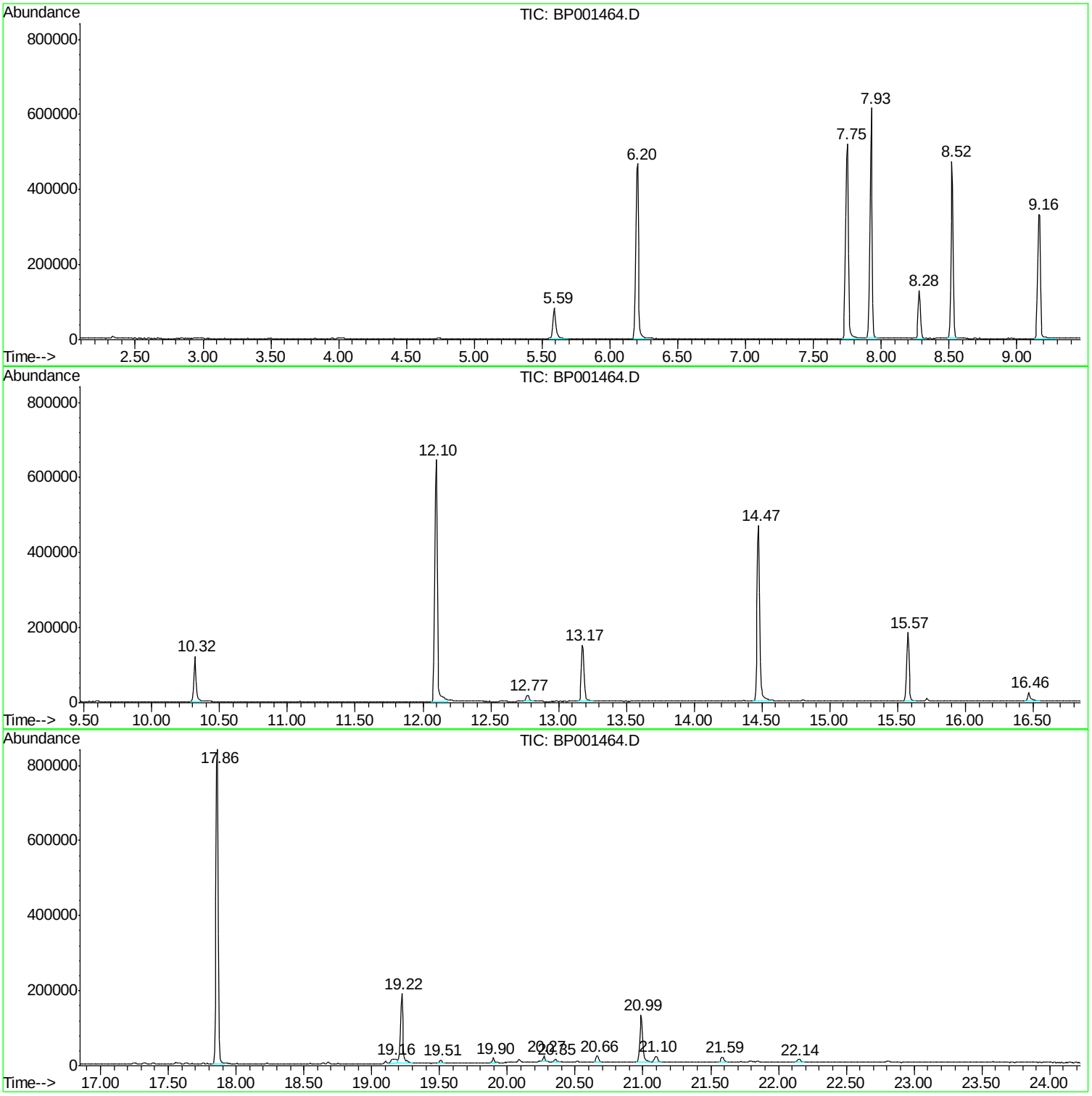
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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

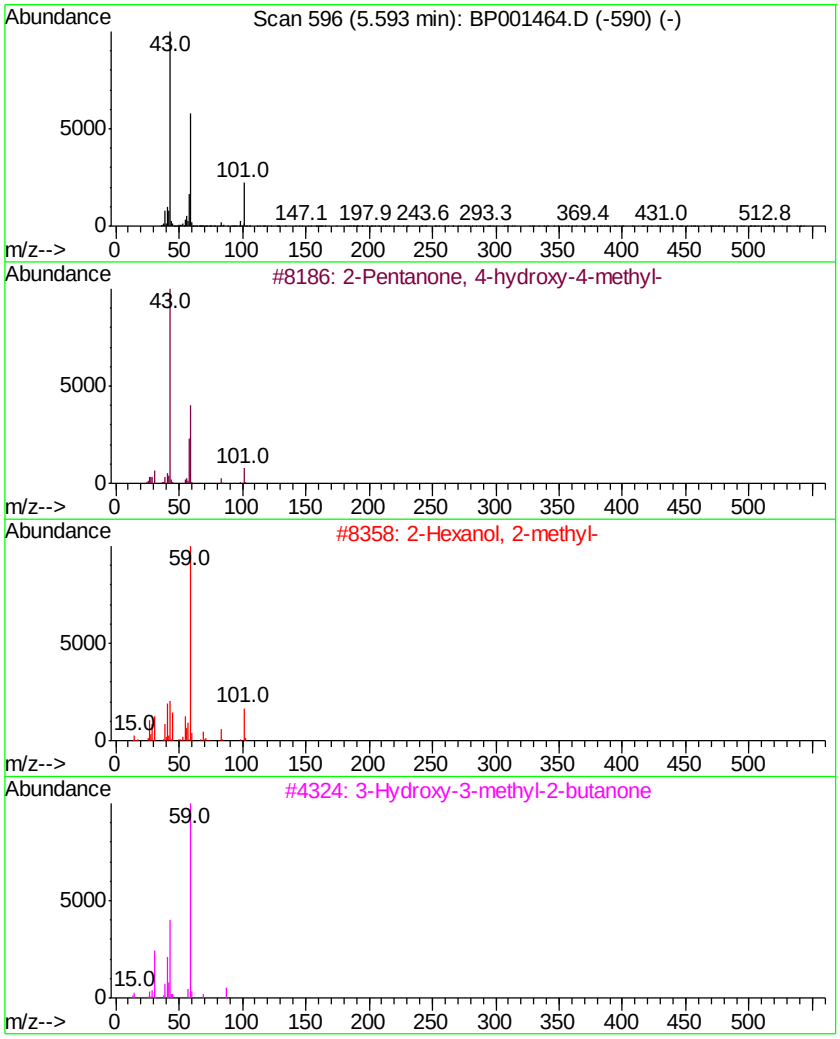
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

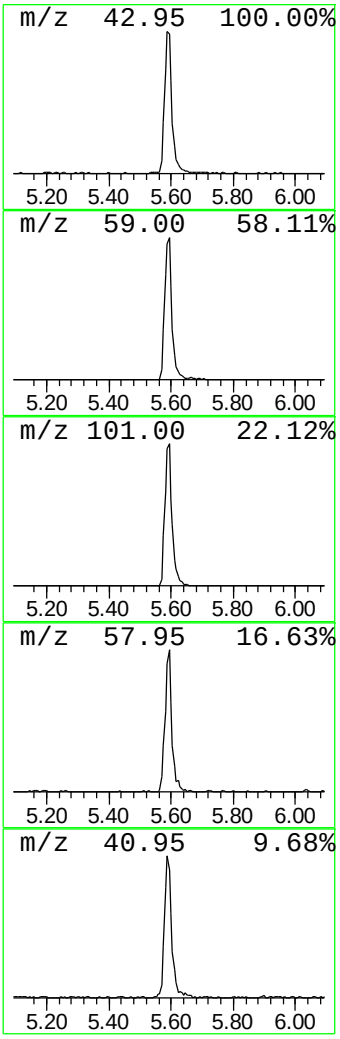
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	18.96 ng	135664	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-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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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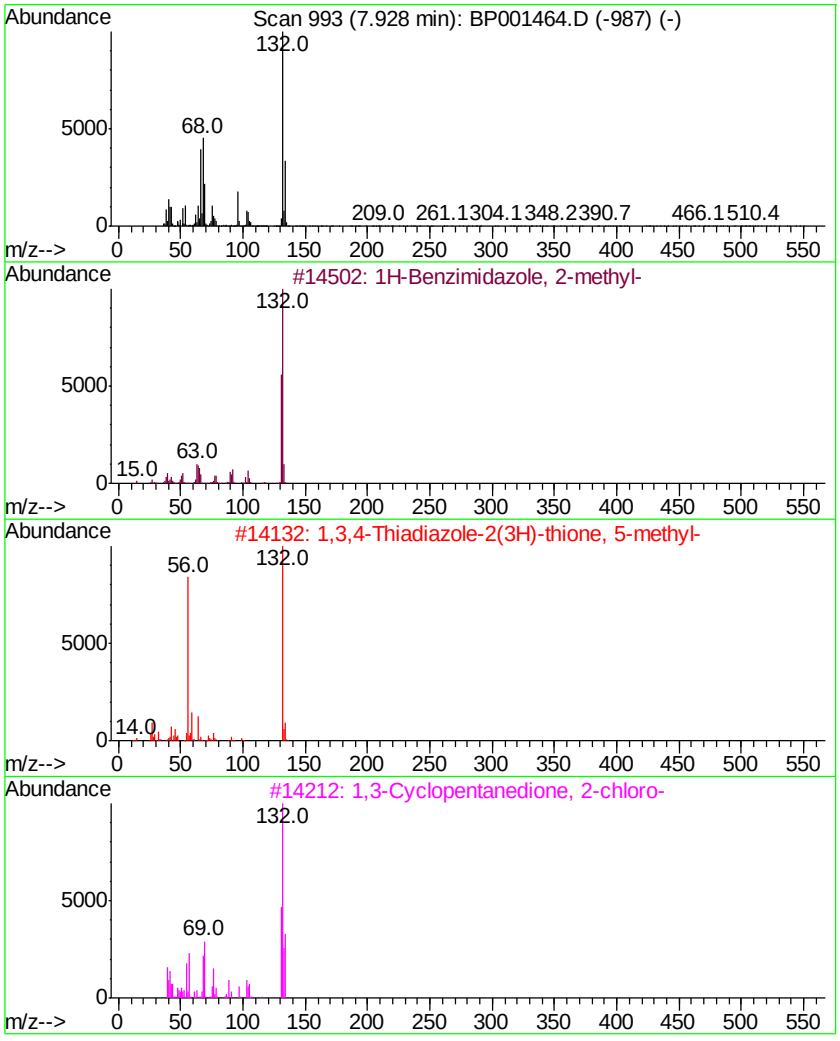
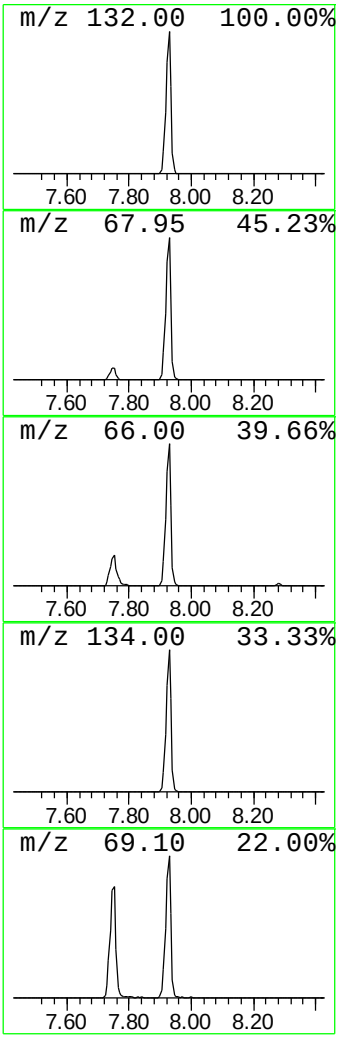
Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	98.79 ng	706970	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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

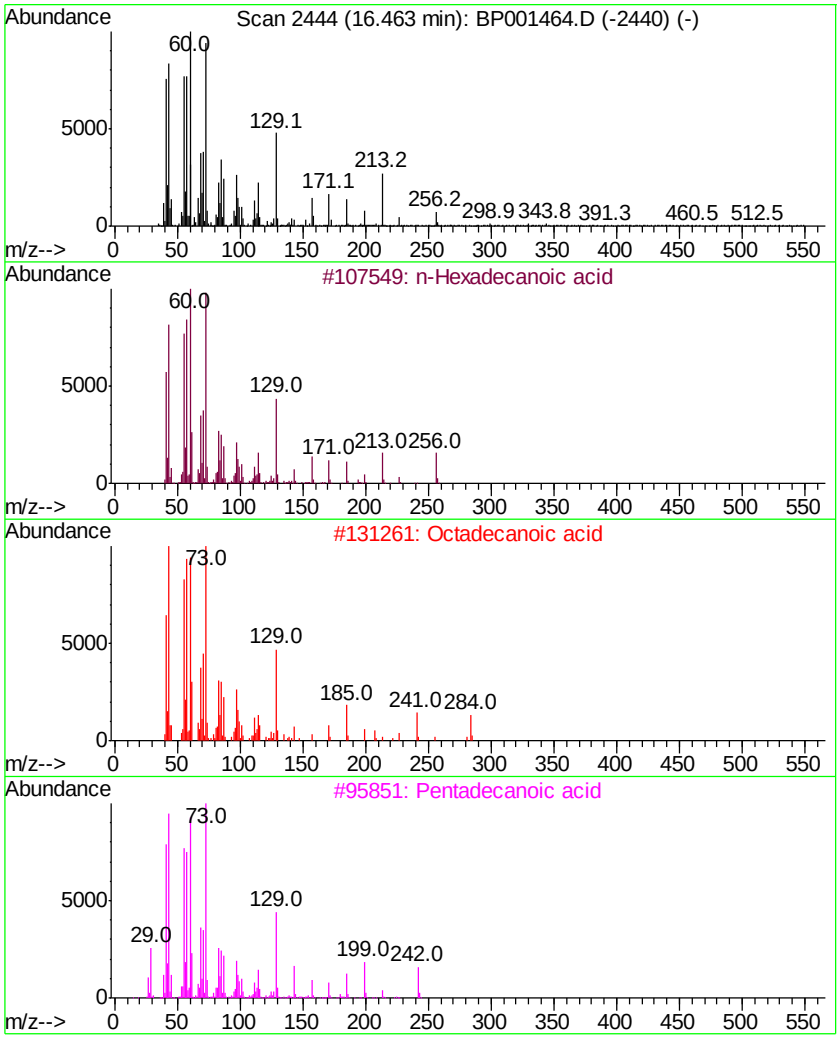
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

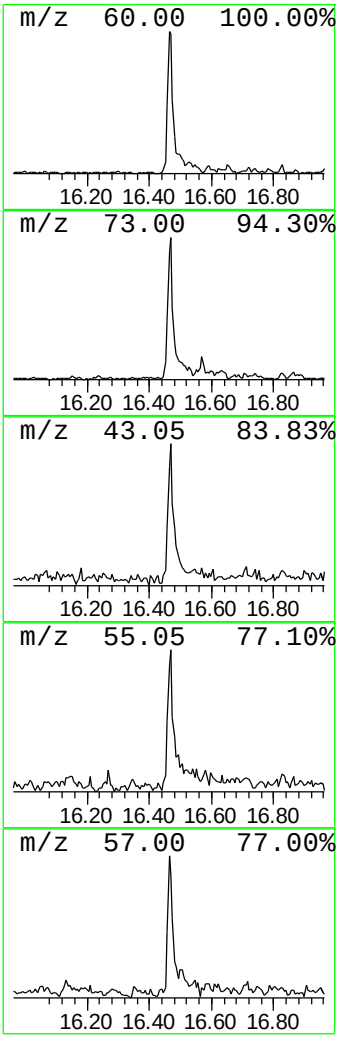
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.52 ng	38331	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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

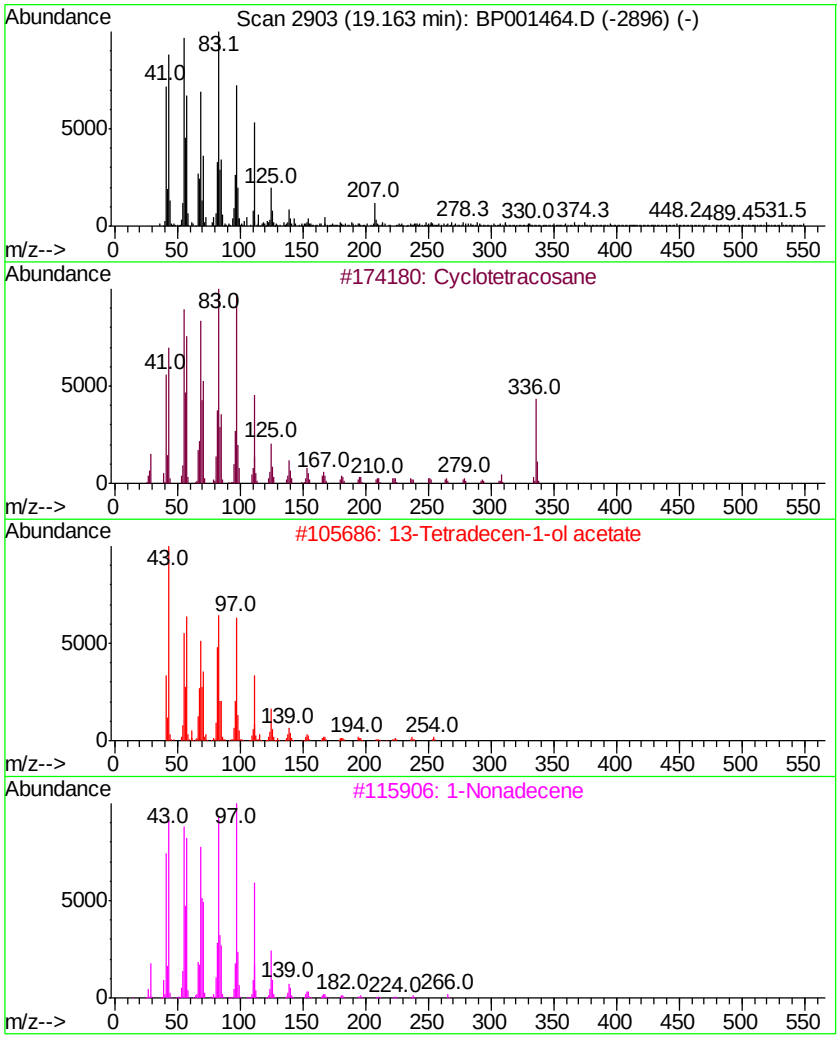
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

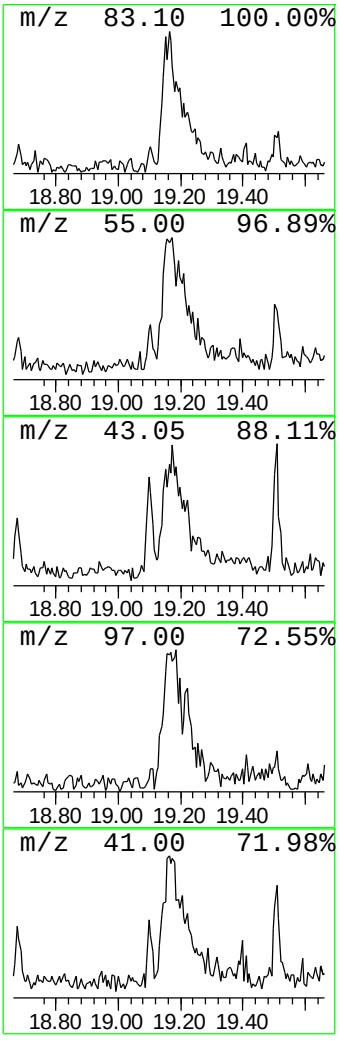
****

Peak Number 5 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.24 ng	37711	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	1-Docosene	308	C22H44	001599-67-3	91
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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

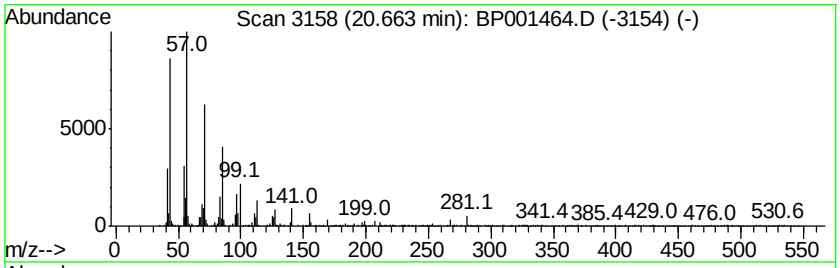
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

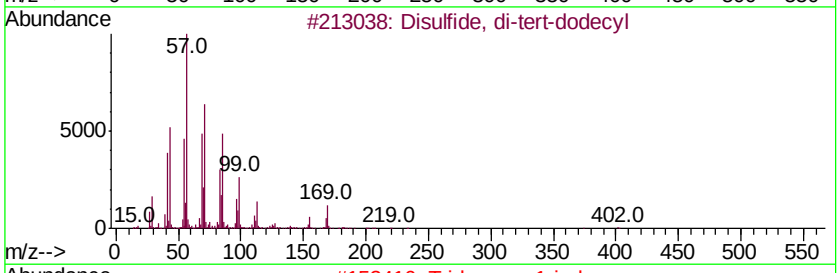
****

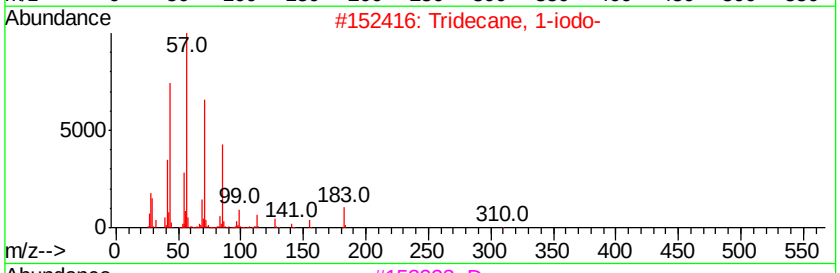
Peak Number 6 Disulfide, di-tert-dodecyl Concentration Rank 8

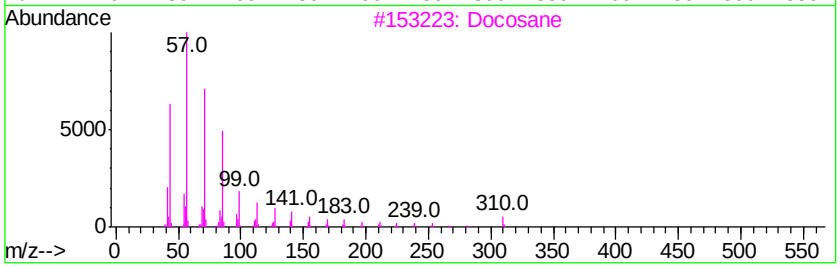
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	2.11 ng	20423	Perylene-d12	20.99

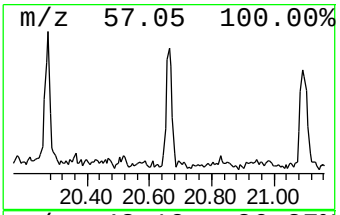
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Docosane	310	C22H46	000629-97-0	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Octacosane	394	C28H58	000630-02-4	80

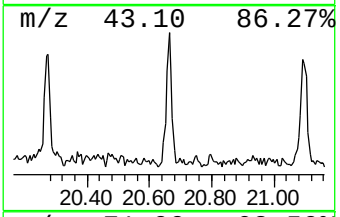


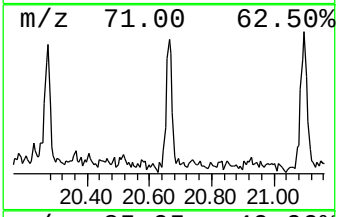


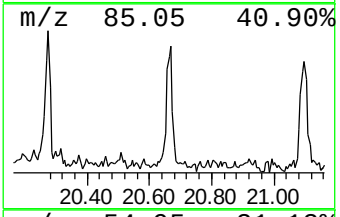


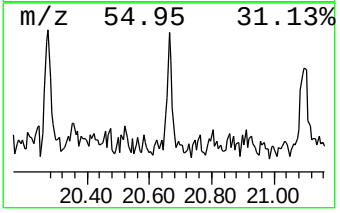












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001464.D
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Misc :
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Instrument : BNA_P
ClientSampleId : GP-5-(6-8)

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

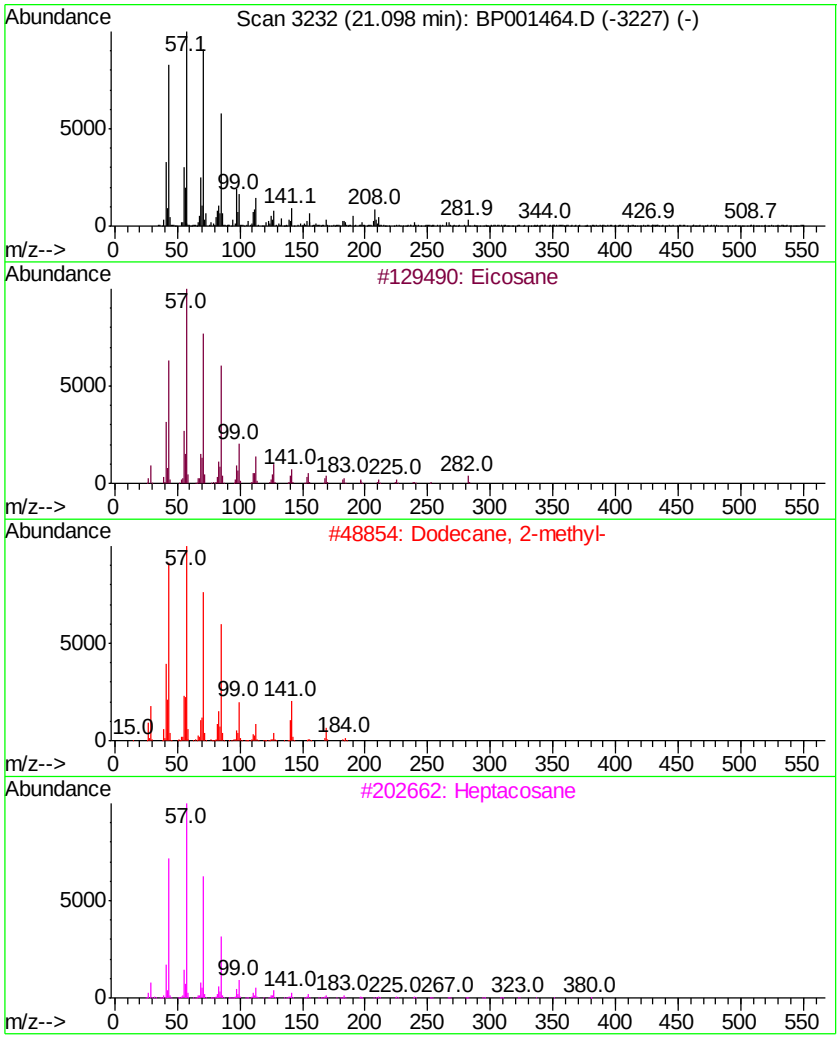
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

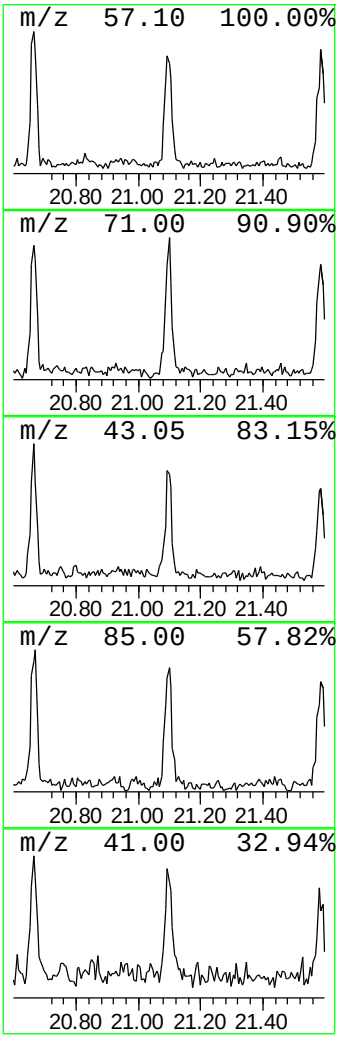
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.51 ng	24265	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Octadecane	254	C18H38	000593-45-3	83





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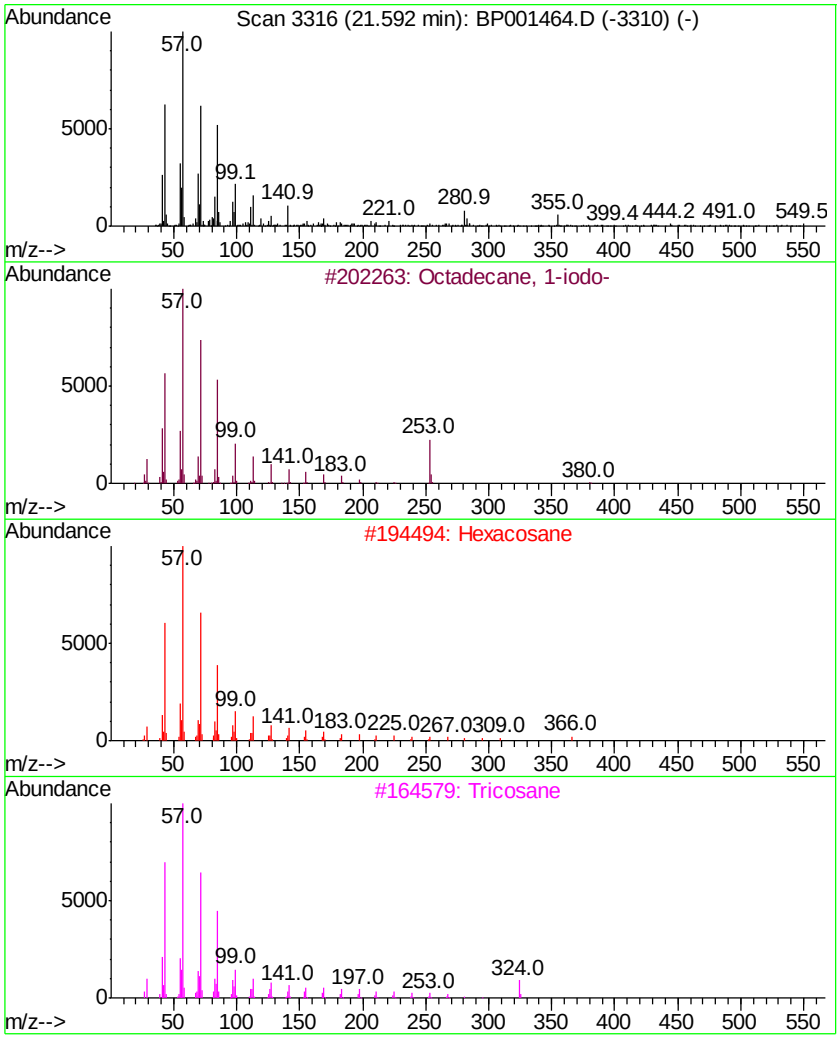
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

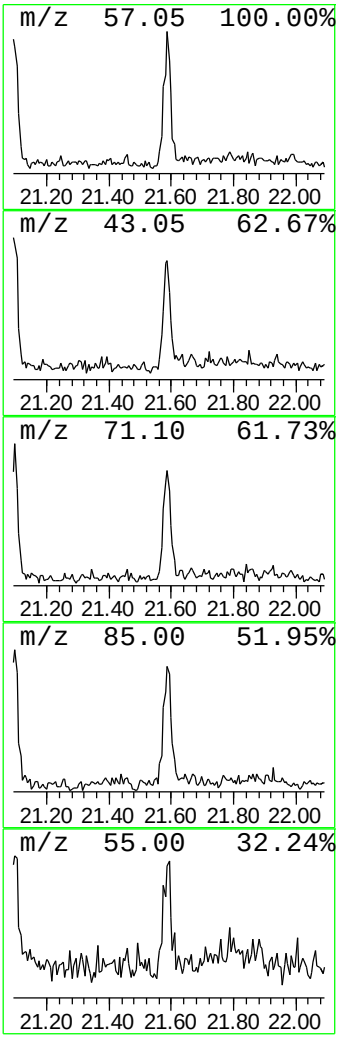
****

Peak Number 8 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.38 ng	23004	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tricosane	324	C23H48	000638-67-5	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122719\
Data File : BP001464.D
Acq On : 27 Dec 2019 18:14
Operator : JU
Sample : K6437-08
Misc :
ALS Vial : 10 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	19.0	ng	135664	1	8.28	143133	20.0
unknown7.93	7.93	98.8	ng	706970	1	8.28	143133	20.0
n-Hexadecanoic acid	16.46	3.5	ng	38331	4	15.57	217868	20.0
Cyclotetracosane	19.16	3.2	ng	37711	5	19.22	232636	20.0
Disulfide, di-ter...	20.66	2.1	ng	20423	6	20.99	193330	20.0
Eicosane	21.10	2.5	ng	24265	6	20.99	193330	20.0
Octadecane, 1-iodo-	21.59	2.4	ng	23004	6	20.99	193330	20.0