LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

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-BP112719.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	2.346	41	44	56	rVB	28458	45068	1.63%	0.192%
2	5.616	595	600	613	rVB	288443	434824	15.76%	1.856%
3	6.216	695	702	716	rVB	1620461	2052994	74.42%	8.763%
4	7.757	957	964	971	rBV	1797075	2235233	81.03%	9.541%
5	7.946	989	996	1001	rBV	1725406	2177812	78.95%	9.296%
6	8.304	1052	1057	1062	rVB	505129	559506	20.28%	2.388%
7	8.546	1092	1098	1103	rBV	1456900	1669246	60.51%	7.125%
8	9.187	1200	1207	1211	rBV	1152518	1402946	50.86%	5.988%
9	10.334	1397	1402	1410	rVB	561065	690405	25.03%	2.947%
10	12.116	1699	1705	1710	rBV	2191640	2567861	93.09%	10.961%
11	12.787	1814	1819	1825	rVB	206171	226040	8.19%	0.965%
12	13.198	1883	1889	1894	rBV	707773	839828	30.45%	3.585%
13	14.492	2102	2109	2119	rBV	1397097	1810417	65.63%	7.728%
14	15.592	2291	2296	2300	rBV	763275	866693	31.42%	3.699%
15	15.628	2300	2302	2308	rVB	85753	83714	3.03%	0.357%
16	16.386	2428	2431	2437	rVB2	24506	30666	1.11%	0.131%
17	16.480	2443	2447	2454	rBV2	181317	236704	8.58%	1.010%
18	17.333	2589	2592	2597	rVB	120907	133311	4.83%	0.569%
19	17.569	2628	2632	2635	rBV3	54853	67732	2.46%	0.289%
20	17.639	2640	2644	2649	rVB	114413	132617	4.81%	0.566%
21	17.875	2679	2684	2688	rBV	2416865	2758494	100.00%	11.775%
22	18.245	2744	2747	2752	rVB	55268	68262	2.47%	0.291%
23	18.551	2796	2799	2805	rVB	71451	79864	2.90%	0.341%
24	18.692	2820	2823	2828	rVB	91664	101774	3.69%	0.434%
25	19.110	2890	2894	2904	rBV2	189760	336779	12.21%	1.438%
26	19.233	2910	2915	2919	rBV	714881	827600	30.00%	3.533%
27	19.527	2962	2965	2968	rBV	85790	90786	3.29%	0.388%
28	19.916	3029	3031	3040	rVB	71394	121713	4.41%	0.520%
29	21.004	3212	3216	3225	rVB	528454	778579	28.22%	3.323%

Sum of corrected areas: 23427468

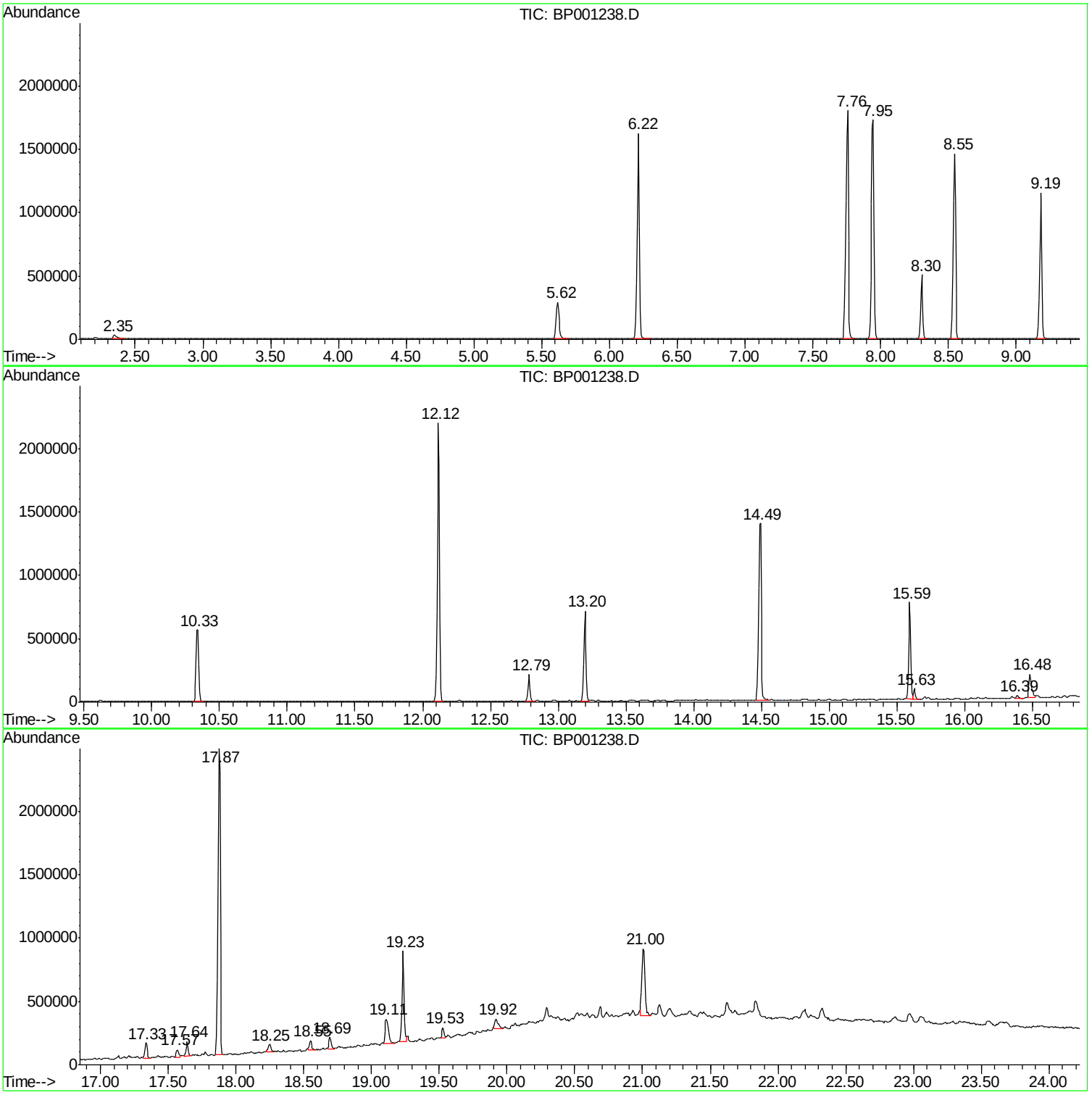
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

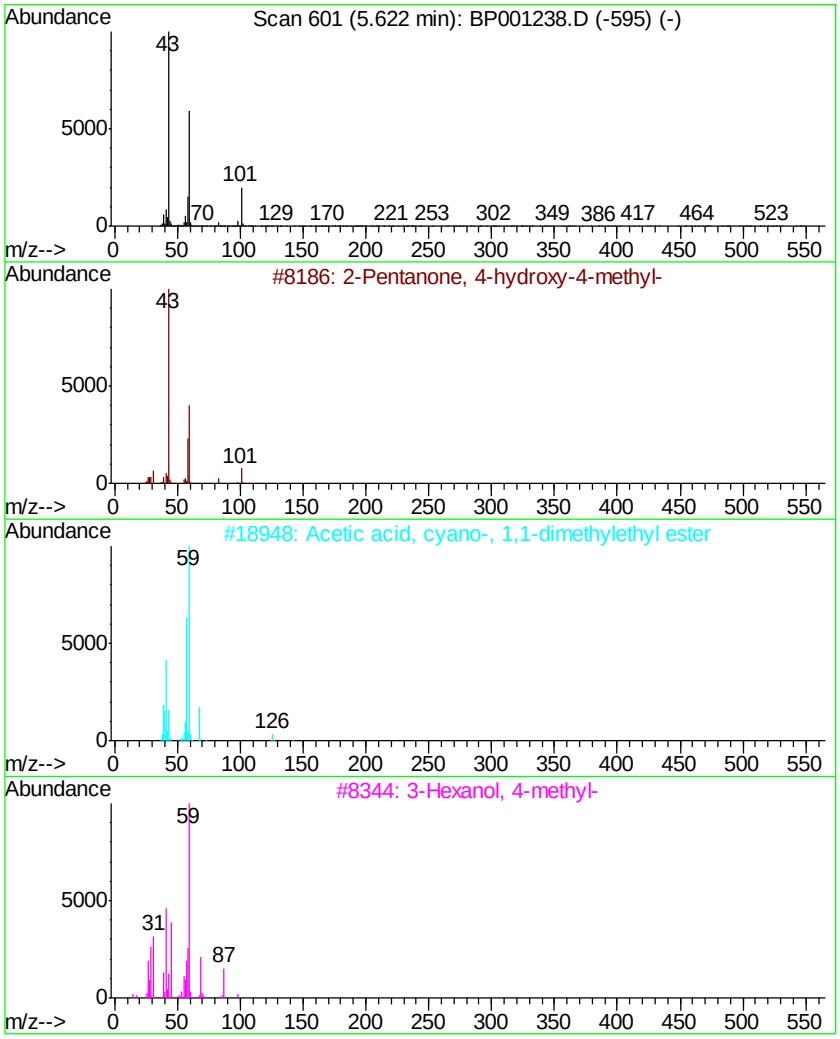
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

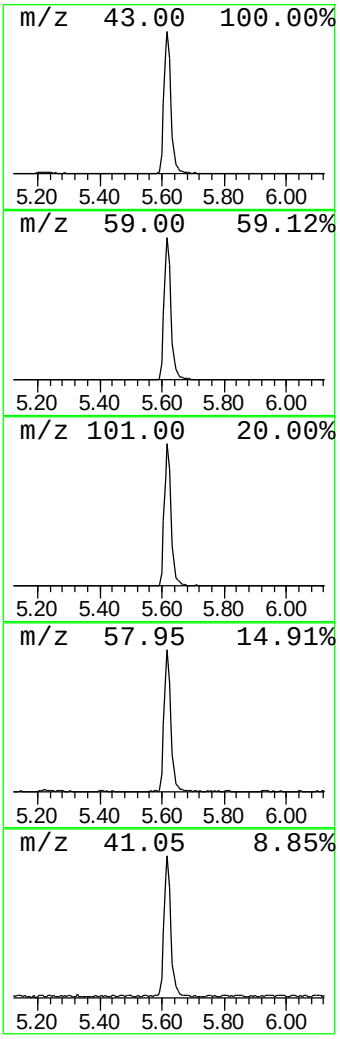
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.54 ng	434824	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

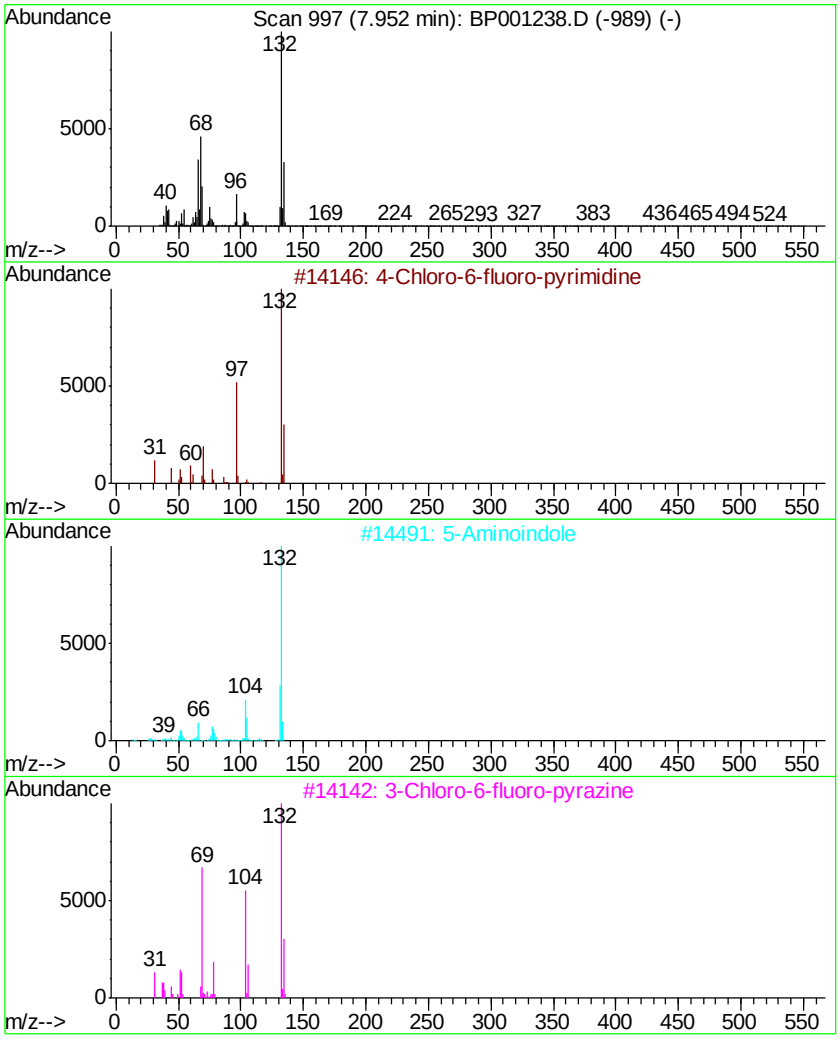
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

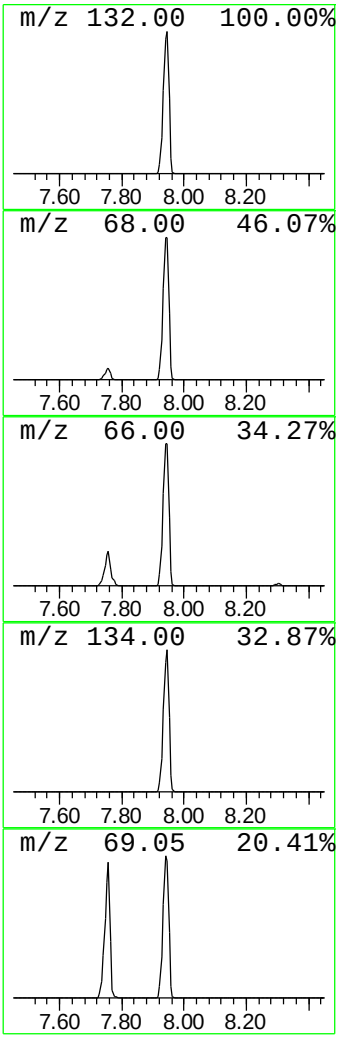
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	77.85 ng	2177810	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

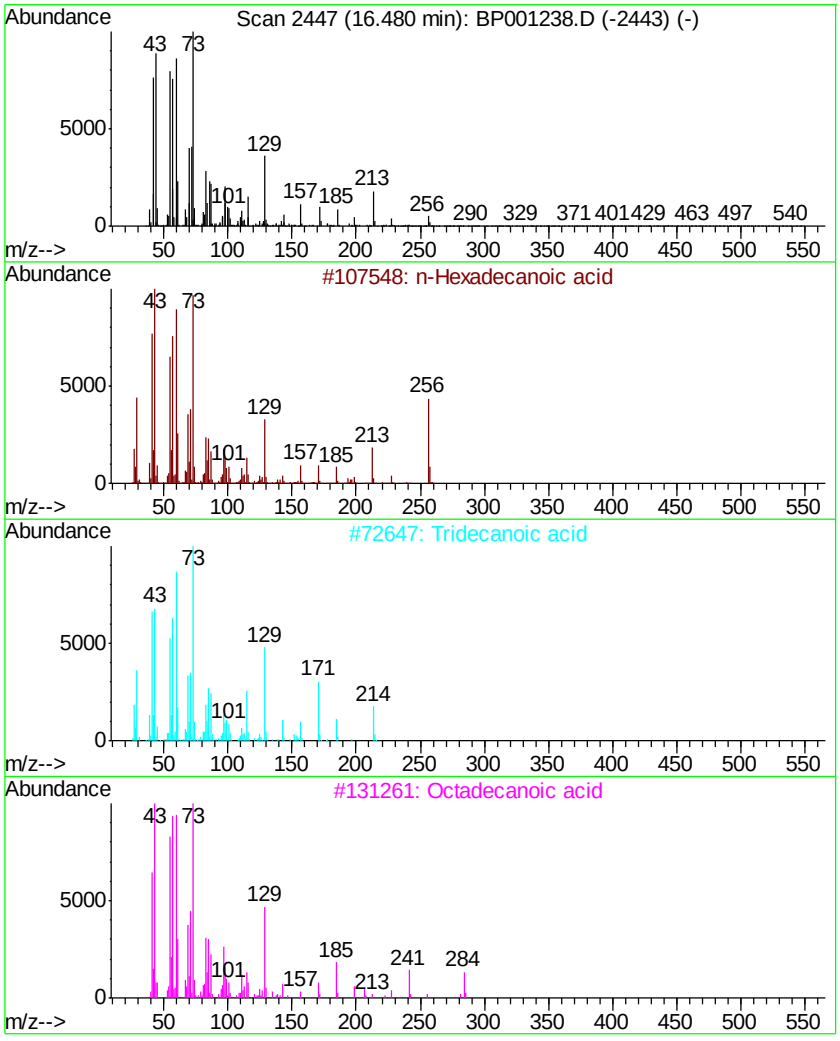
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

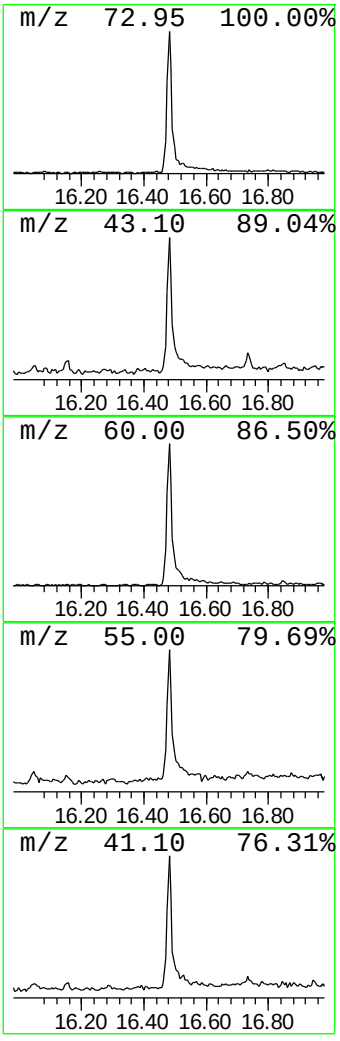
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	5.46 ng	236704	Phenanthrene-d10	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

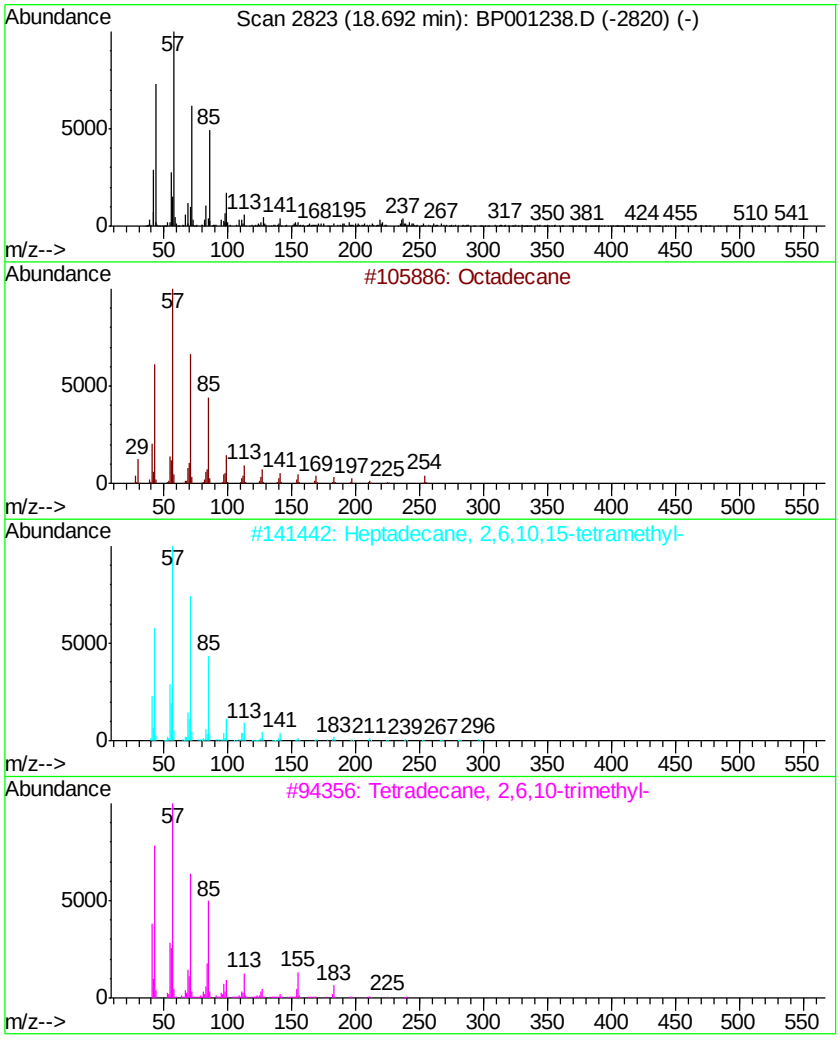
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

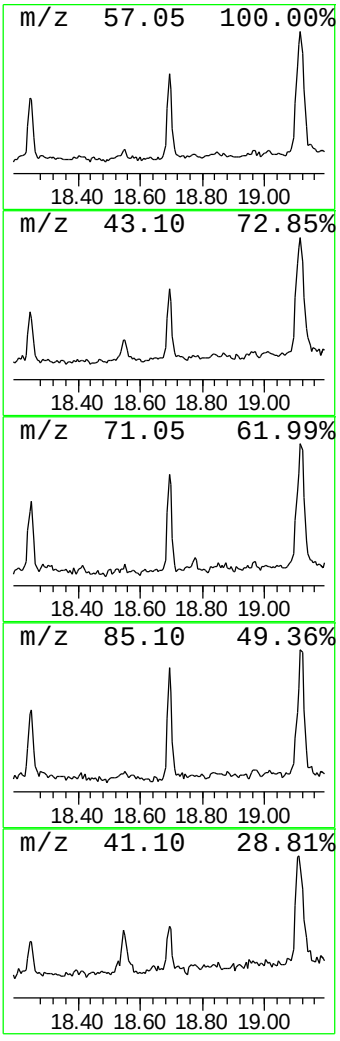
****

Peak Number 5 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.46 ng	101774	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

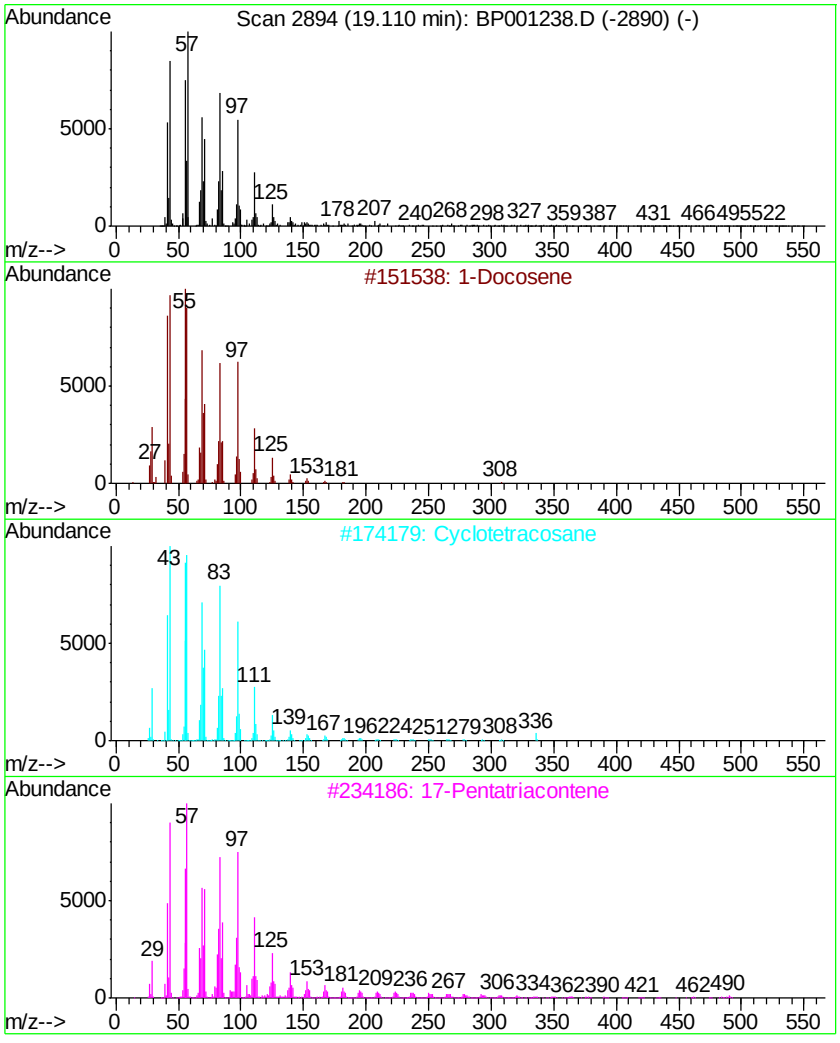
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

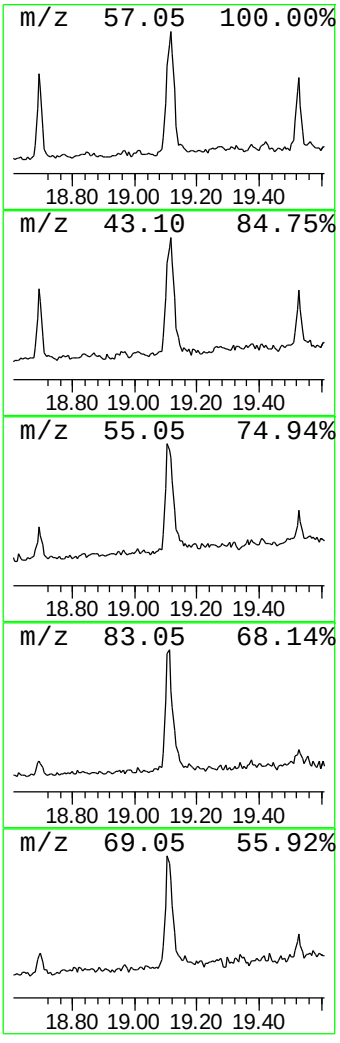
****

Peak Number 6 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	8.14 ng	336779	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	17-Pentatriacontene	491	C35H70	006971-40-0	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

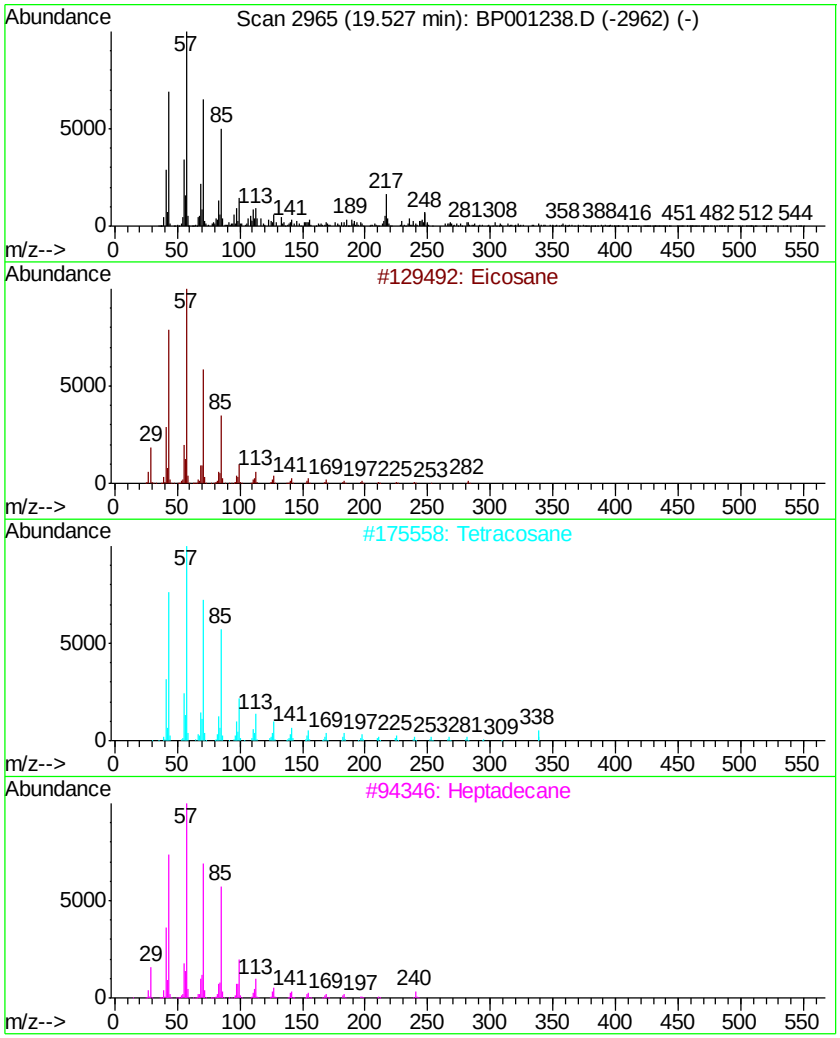
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

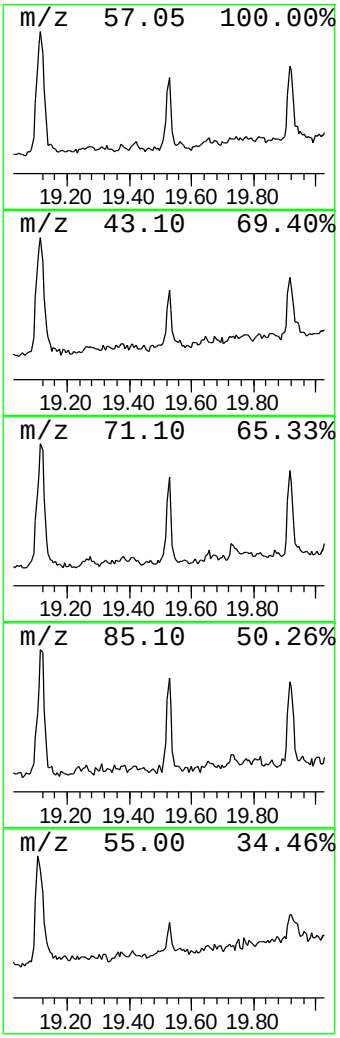
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.19 ng	90786	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane	240	C17H36	000629-78-7	86
4	2-methyloctacosane	408	C29H60	1000376-72-8	70
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

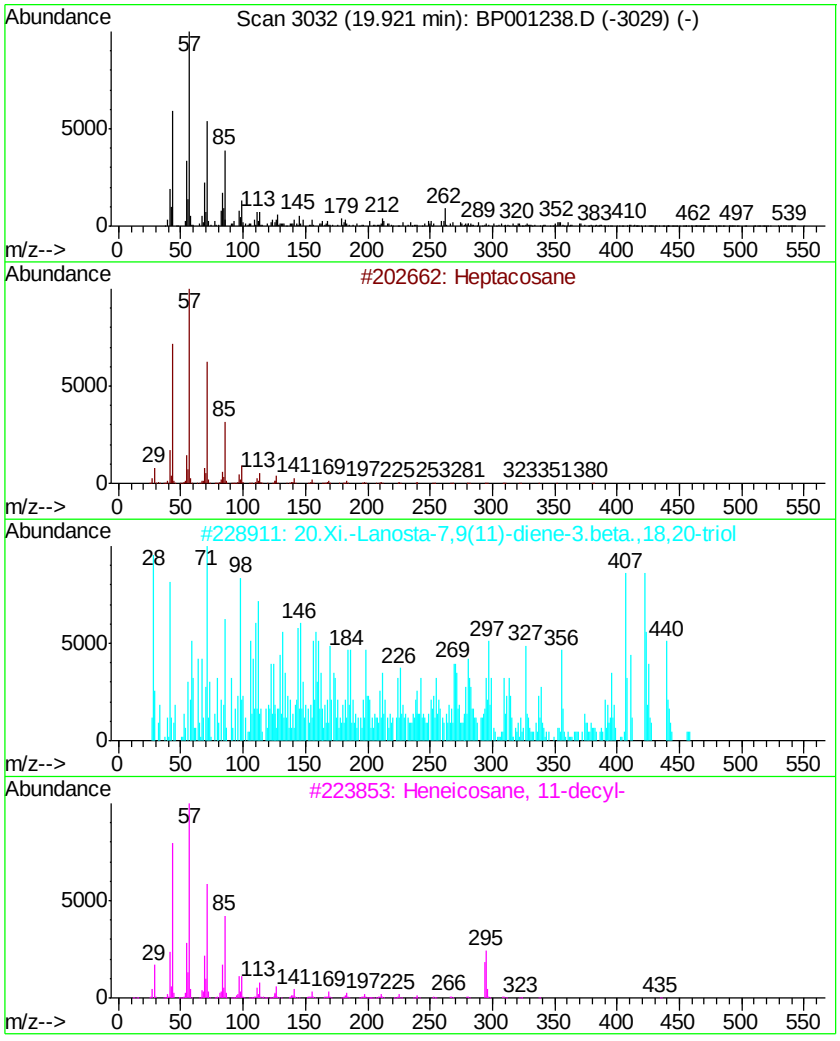
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

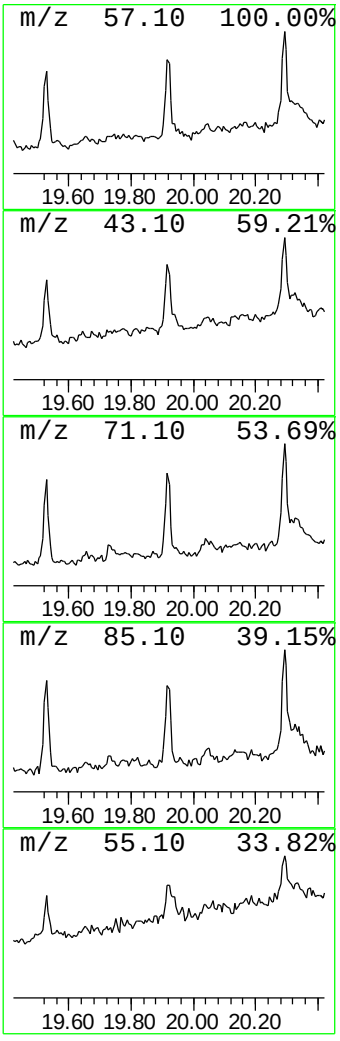
****

Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.94 ng	121713	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	93
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120619\
Data File : BP001238.D
Acq On : 06 Dec 2019 19:23
Operator : JU
Sample : K6119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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...	5.62	15.5	ng	434824	1	8.30	559506	20.0
unknown7.95	7.95	77.8	ng	2177810	1	8.30	559506	20.0
n-Hexadecanoic acid	16.48	5.5	ng	236704	4	15.59	866693	20.0
Octadecane	18.69	2.5	ng	101774	5	19.23	827600	20.0
1-Docosene	19.11	8.1	ng	336779	5	19.23	827600	20.0
Eicosane	19.53	2.2	ng	90786	5	19.23	827600	20.0
Heneicosane, 11-d...	19.92	2.9	ng	121713	5	19.23	827600	20.0