LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-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	5.610	594	599	612	rVB	119462	180703	6.31%	0.968%
2	6.205	694	700	714	rBV	824088	1054728	36.83%	5.648%
3	7.746	949	962	970	rBV	622668	757393	26.44%	4.056%
4	7.940	988	995	999	rBV	1662886	1962942	68.54%	10.511%
5	8.299	1051	1056	1065	rBV	363880	407302	14.22%	2.181%
6	8.540	1091	1097	1102	rBV	1460581	1793466	62.62%	9.603%
7	9.187	1199	1207	1210	rBV	1200814	1523527	53.19%	8.158%
8	10.334	1396	1402	1411	rVB	413260	465956	16.27%	2.495%
9	12.116	1697	1705	1710	rBV	2088424	2631168	91.87%	14.089%
10	12.787	1814	1819	1829	rVB	85927	103269	3.61%	0.553%
11	13.198	1883	1889	1897	rVB	463882	534816	18.67%	2.864%
12	14.492	2101	2109	2128	rBV	1400204	1866168	65.16%	9.993%
13	15.598	2292	2297	2302	rBV	482410	541238	18.90%	2.898%
14	16.486	2444	2448	2462	rBV2	60148	86757	3.03%	0.465%
15	17.886	2680	2686	2690	rBV	2484818	2864141	100.00%	15.336%
16	18.257	2745	2749	2753	rVB	27803	29644	1.04%	0.159%
17	18.704	2821	2825	2828	rBV	35396	35296	1.23%	0.189%
18	19.127	2891	2897	2911	rBV3	90186	194031	6.77%	1.039%
19	19.245	2911	2917	2922	rBV	415044	465714	16.26%	2.494%
20	19.533	2962	2966	2974	rVB	72911	86287	3.01%	0.462%
21	19.927	3028	3033	3039	rBV	98658	112941	3.94%	0.605%
22	20.304	3092	3097	3101	rBV	113568	129421	4.52%	0.693%
23	20.698	3159	3164	3170	rBV	103316	133456	4.66%	0.715%
24	21.016	3212	3218	3225	rVB	316834	439812	15.36%	2.355%
25	21.139	3233	3239	3247	rBV	81787	122162	4.27%	0.654%
26	21.633	3317	3323	3328	rBV2	59545	99076	3.46%	0.531%
27	22.204	3415	3420	3427	rVB2	28496	54156	1.89%	0.290%

Sum of corrected areas: 18675570

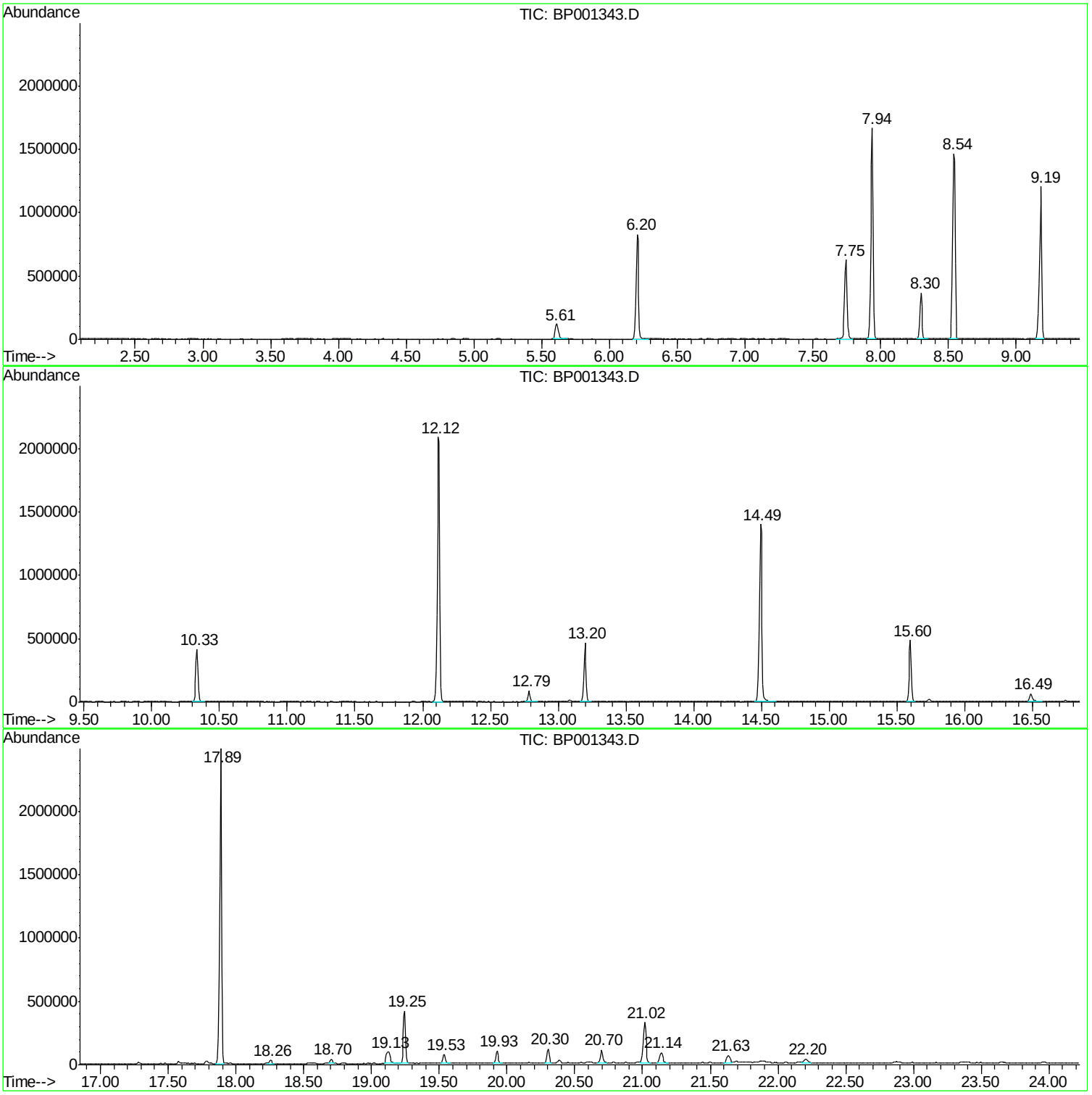
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-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\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

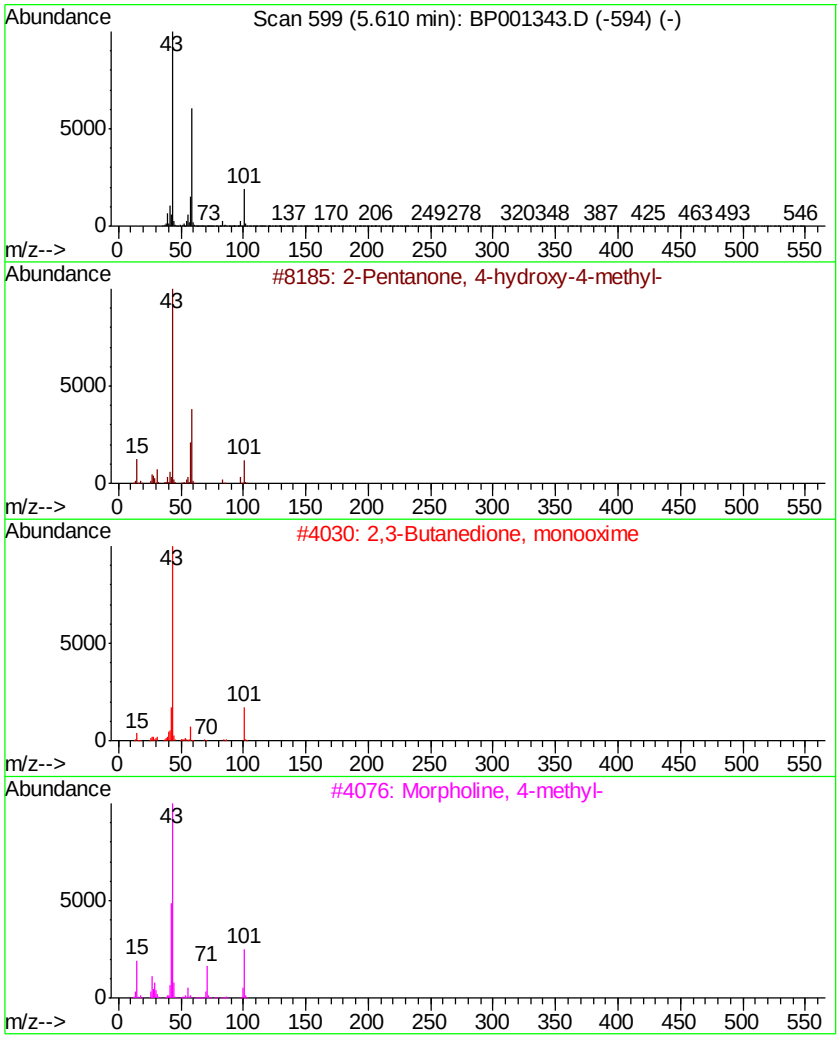
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

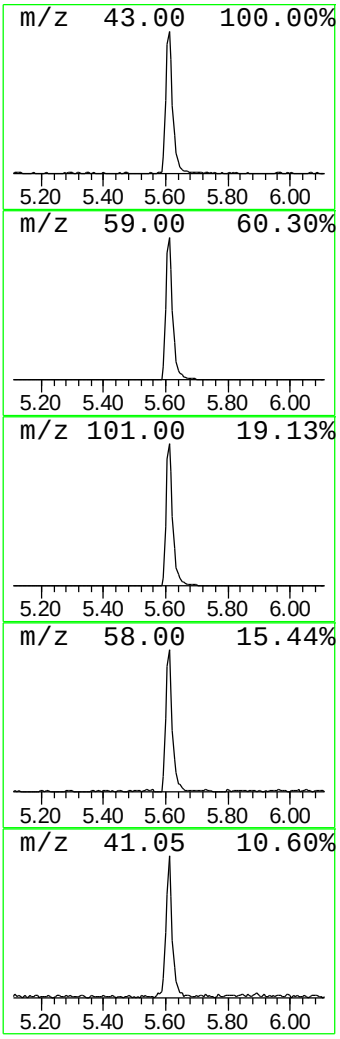
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	8.87 ng	180703	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	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

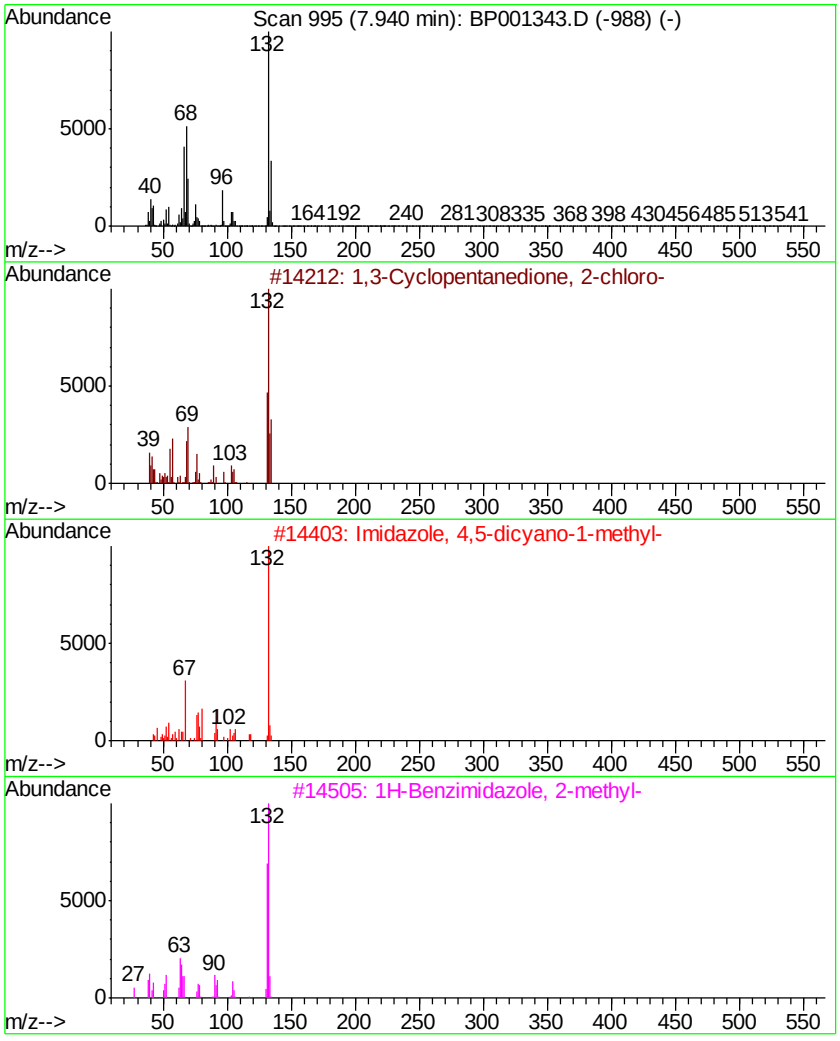
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

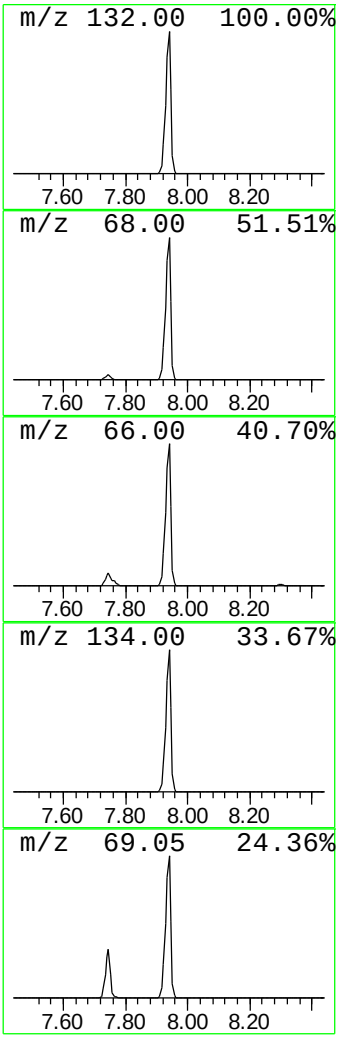
****

Peak Number 2 unknown7.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	96.39 ng	1962940	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

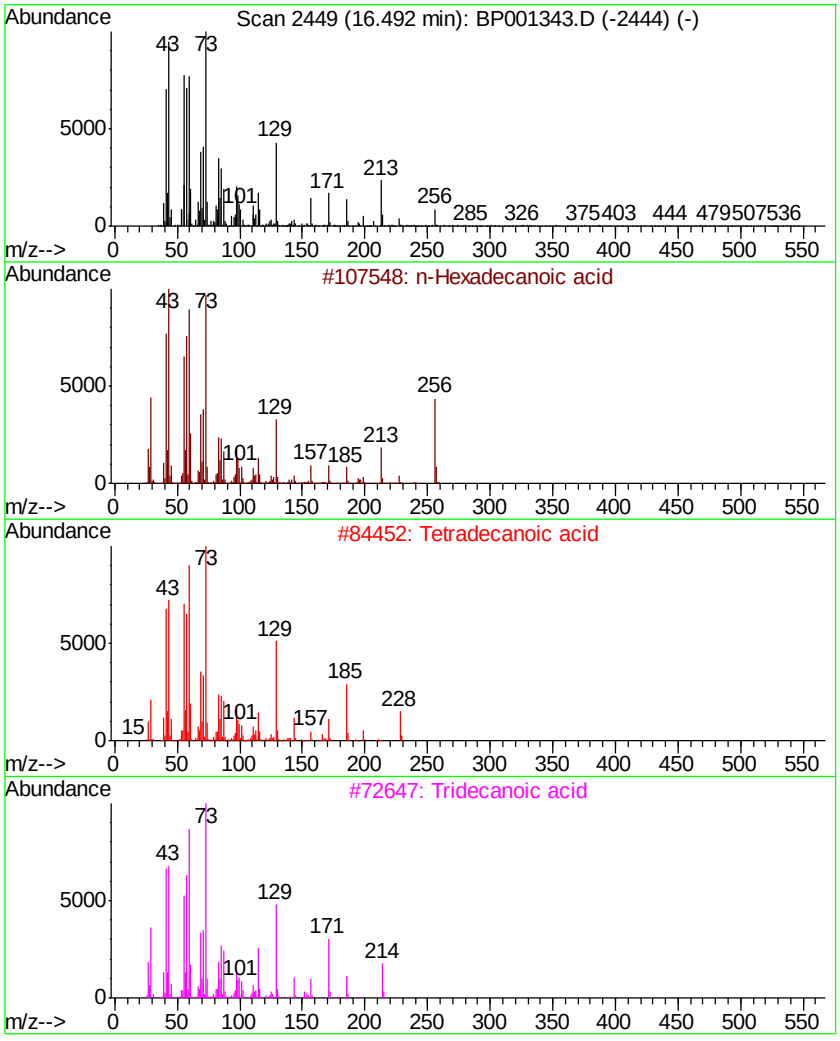
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

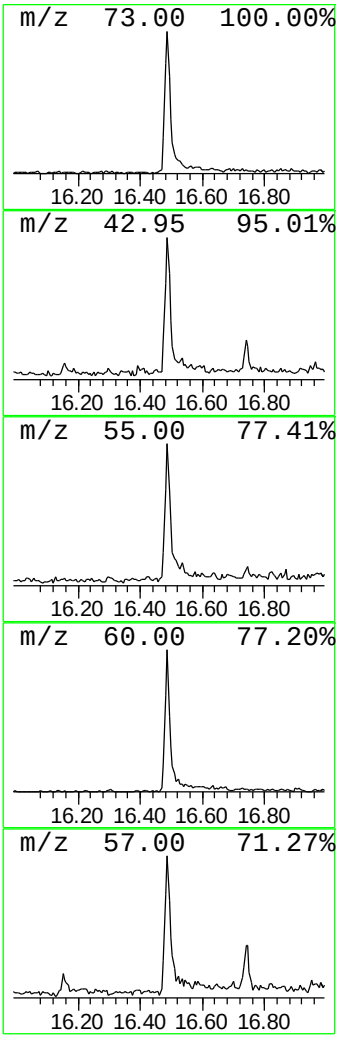
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.21 ng	86757	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

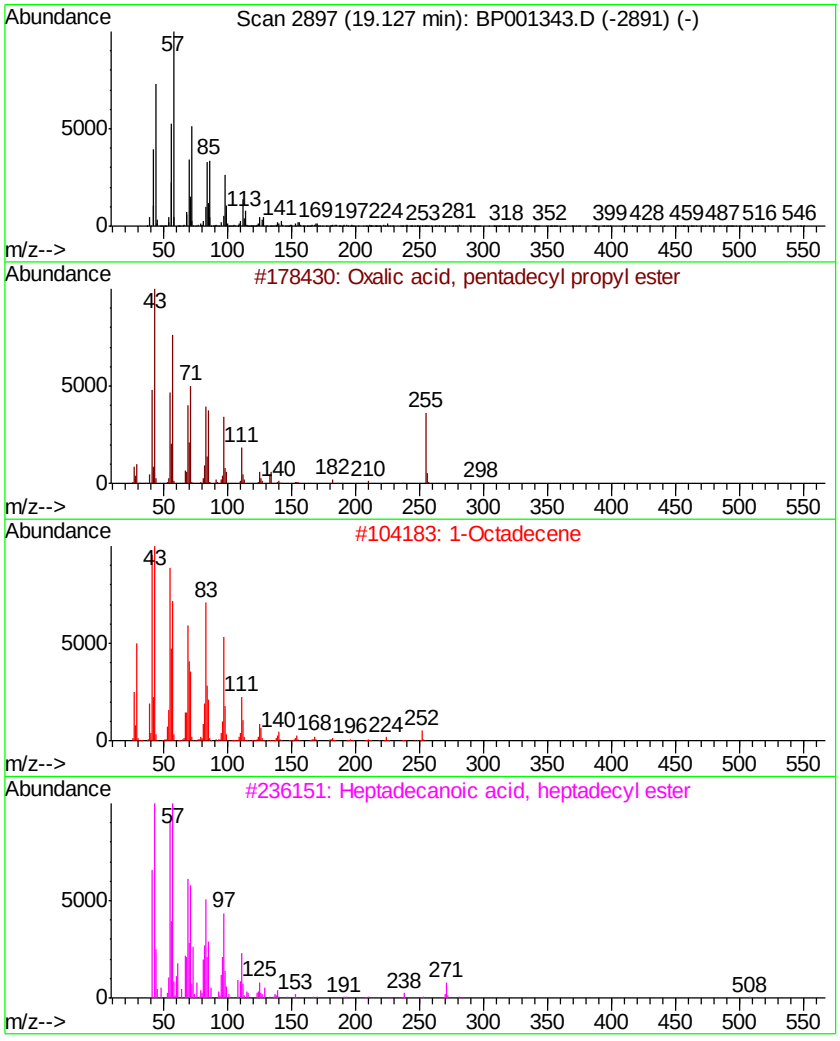
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

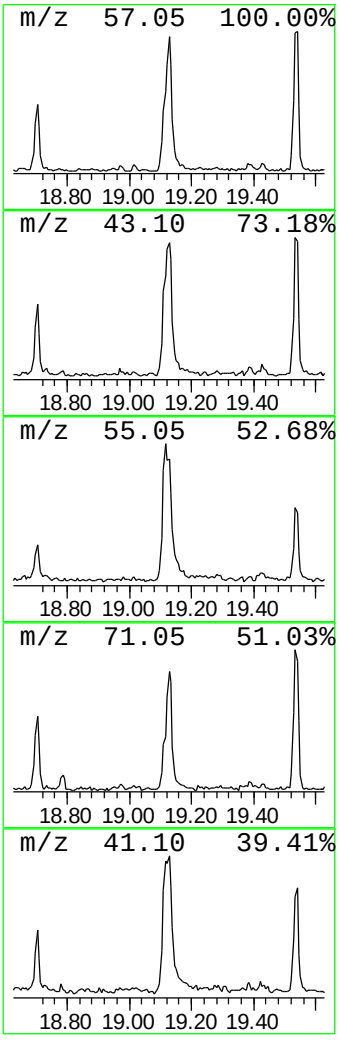
****

Peak Number 5 Oxalic acid, pentadecyl pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	8.33 ng	194031	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	90
2	1-Octadecene	252	C18H36	000112-88-9	87
3	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	70
4	Hexadecane	226	C16H34	000544-76-3	62
5	Undecane	156	C11H24	001120-21-4	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

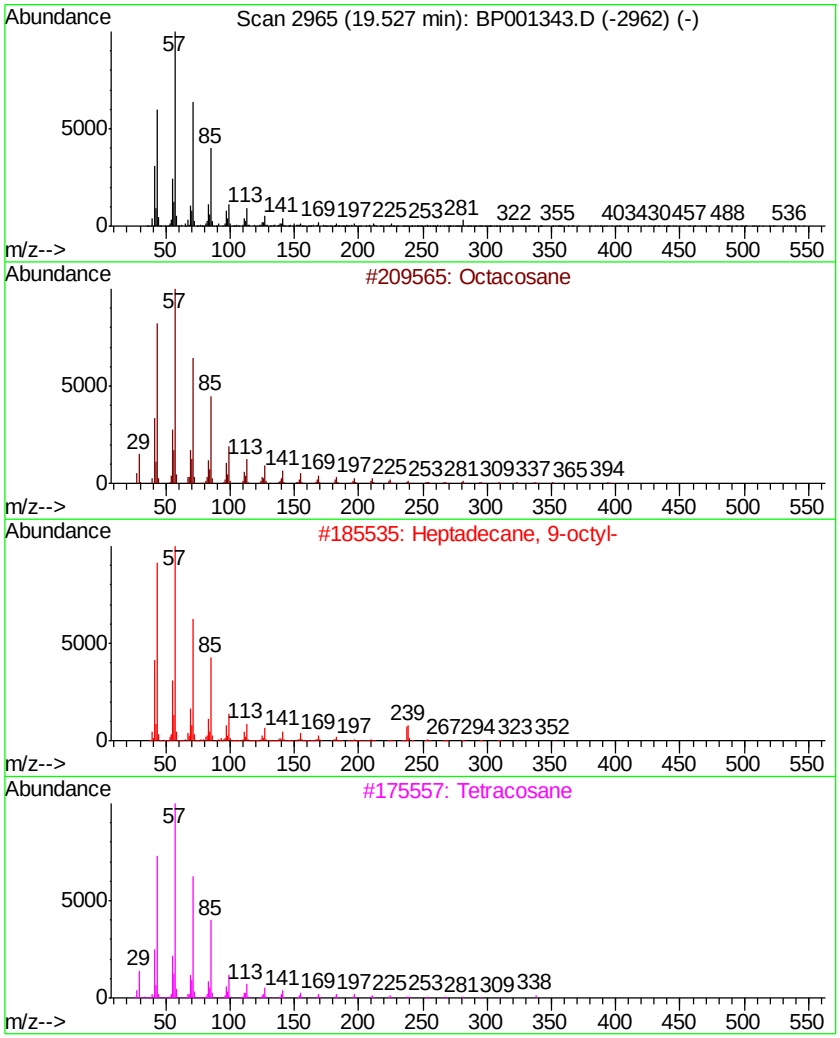
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

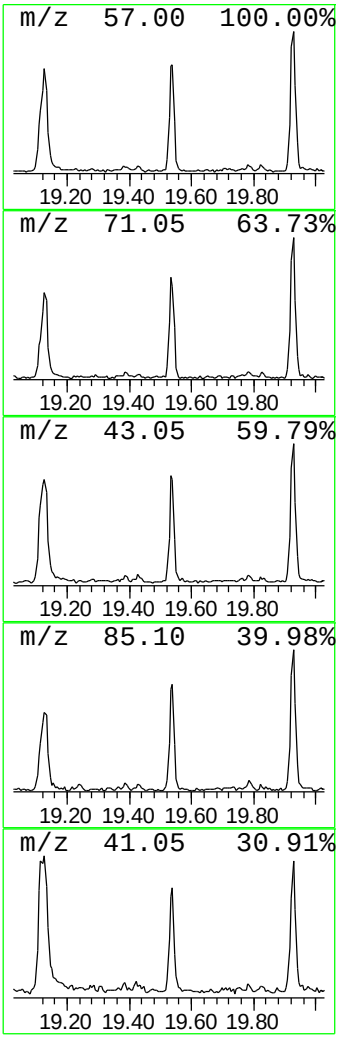
****

Peak Number 6 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	3.71 ng	86287	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

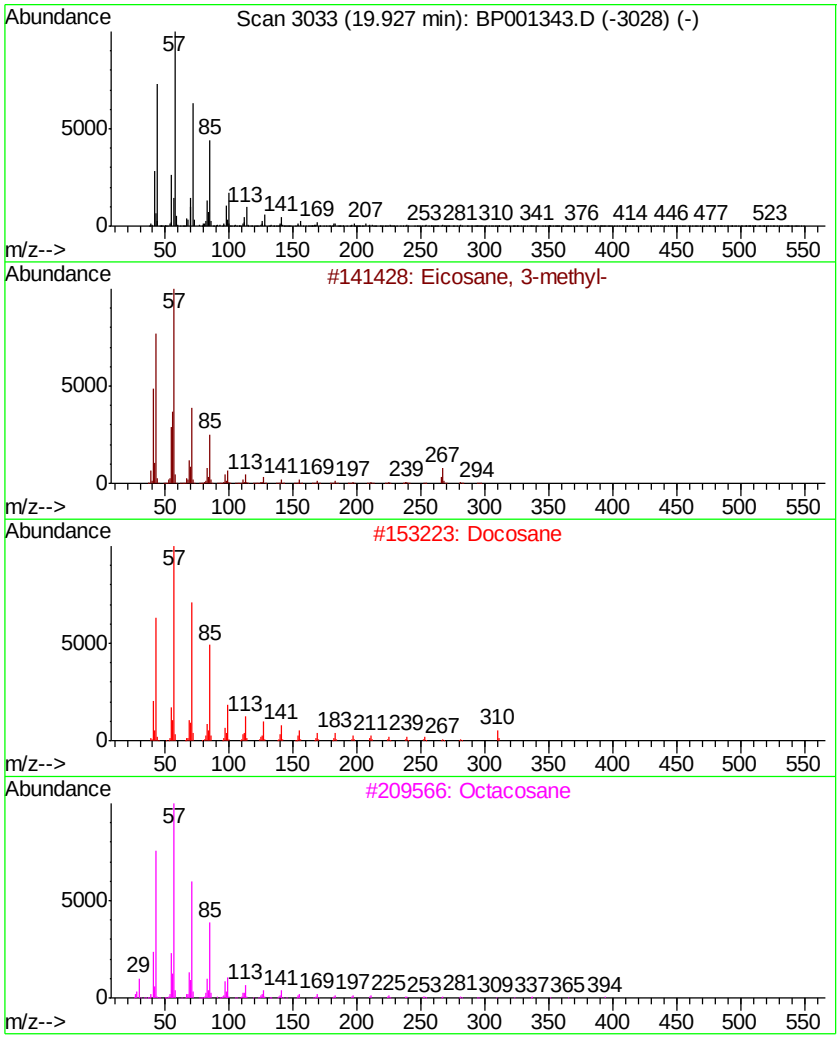
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

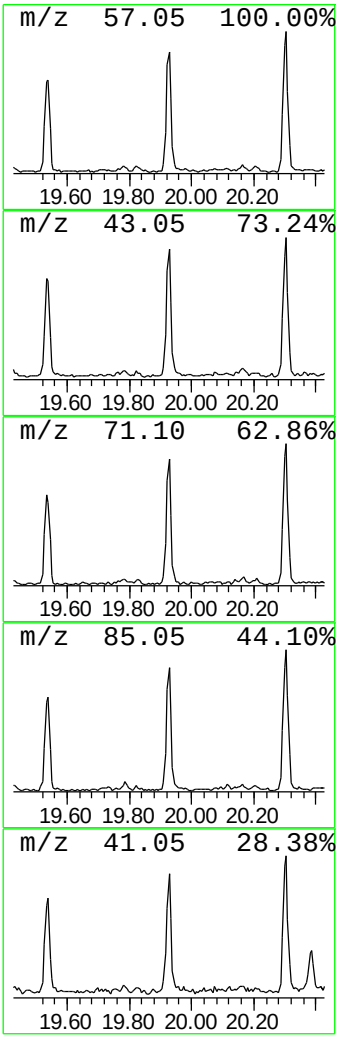
****

Peak Number 7 Eicosane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.85 ng	112941	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
2	Docosane	310	C22H46	000629-97-0	93
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSI-MW-1

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

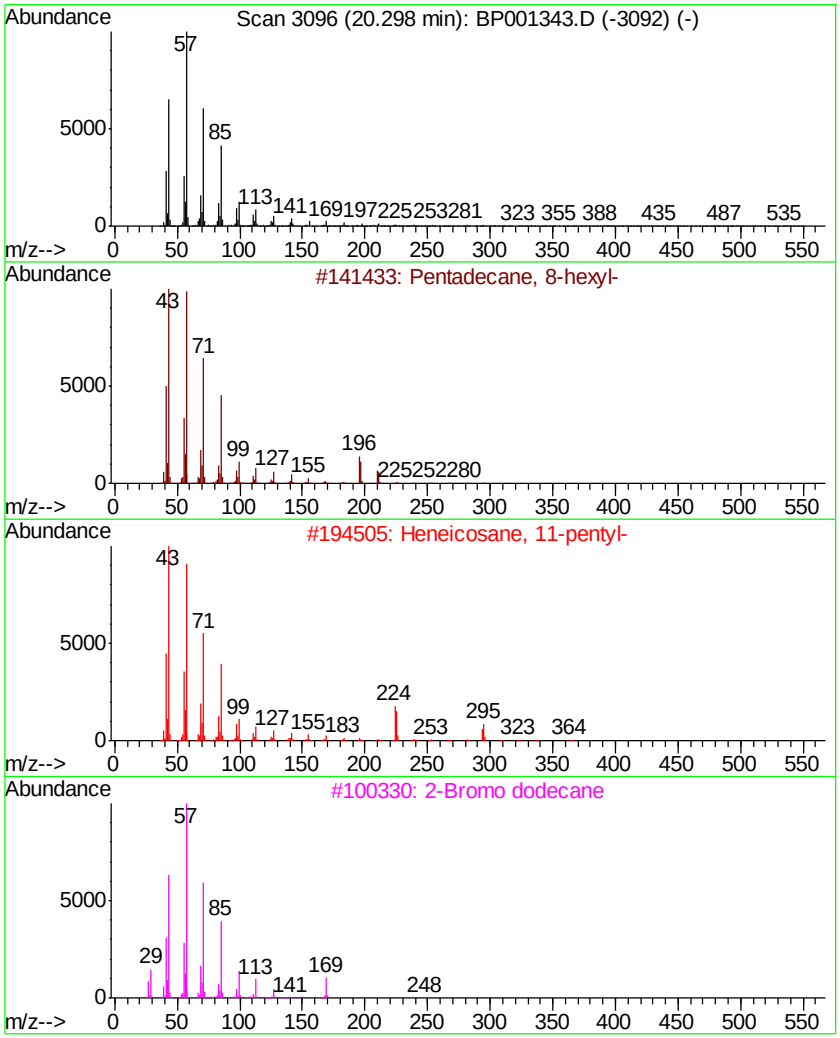
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

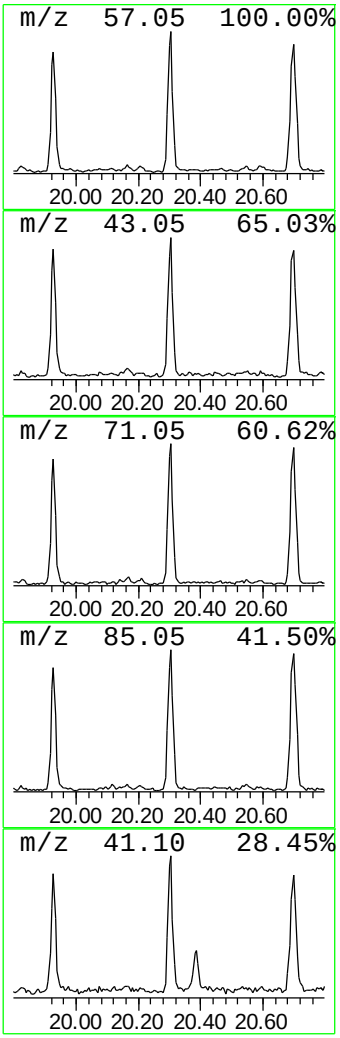
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	5.89 ng	129421	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





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Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

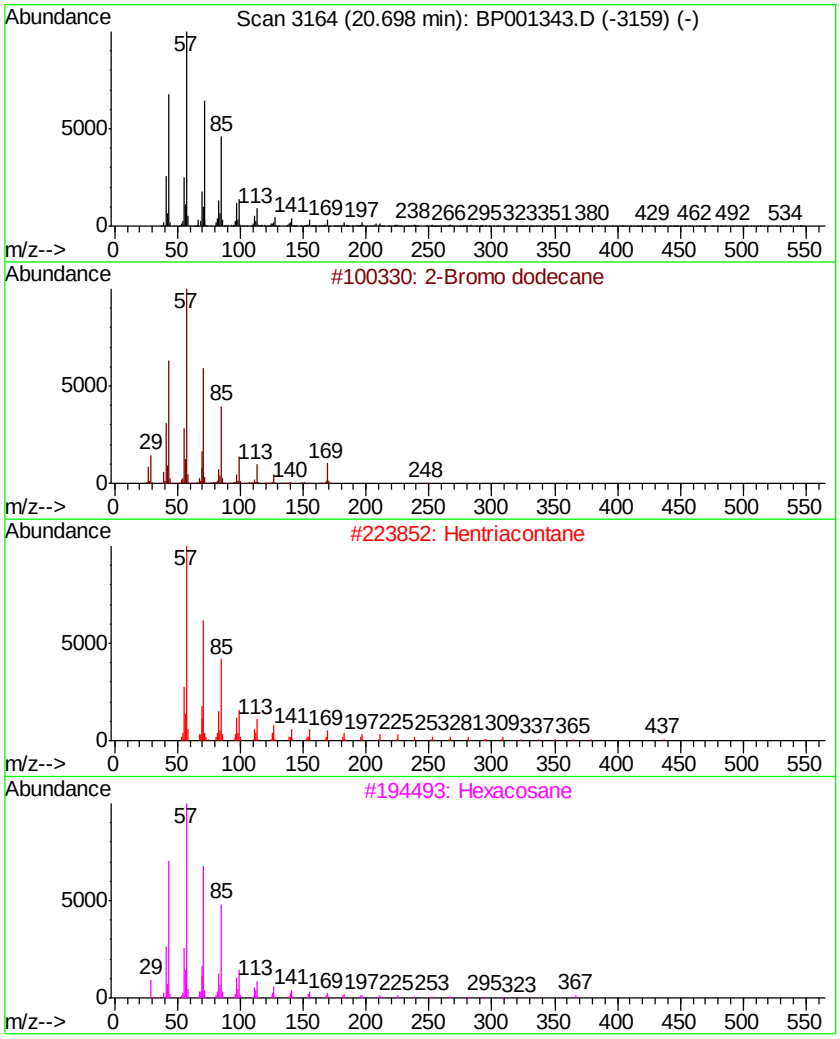
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

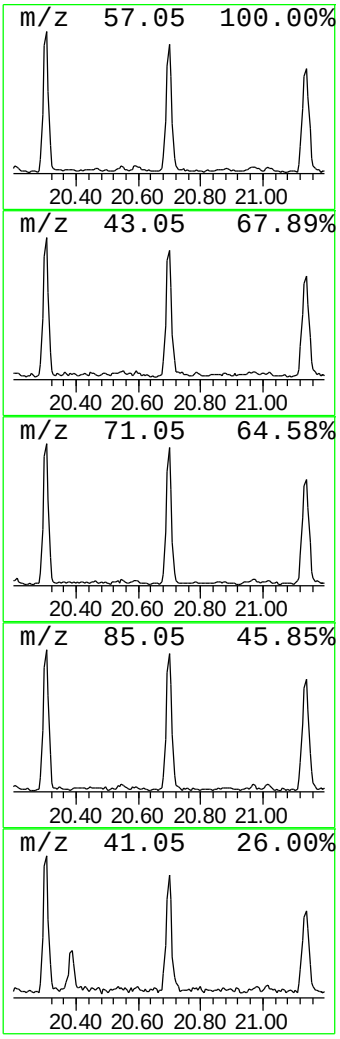
****

Peak Number 9 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	6.07 ng	133456	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

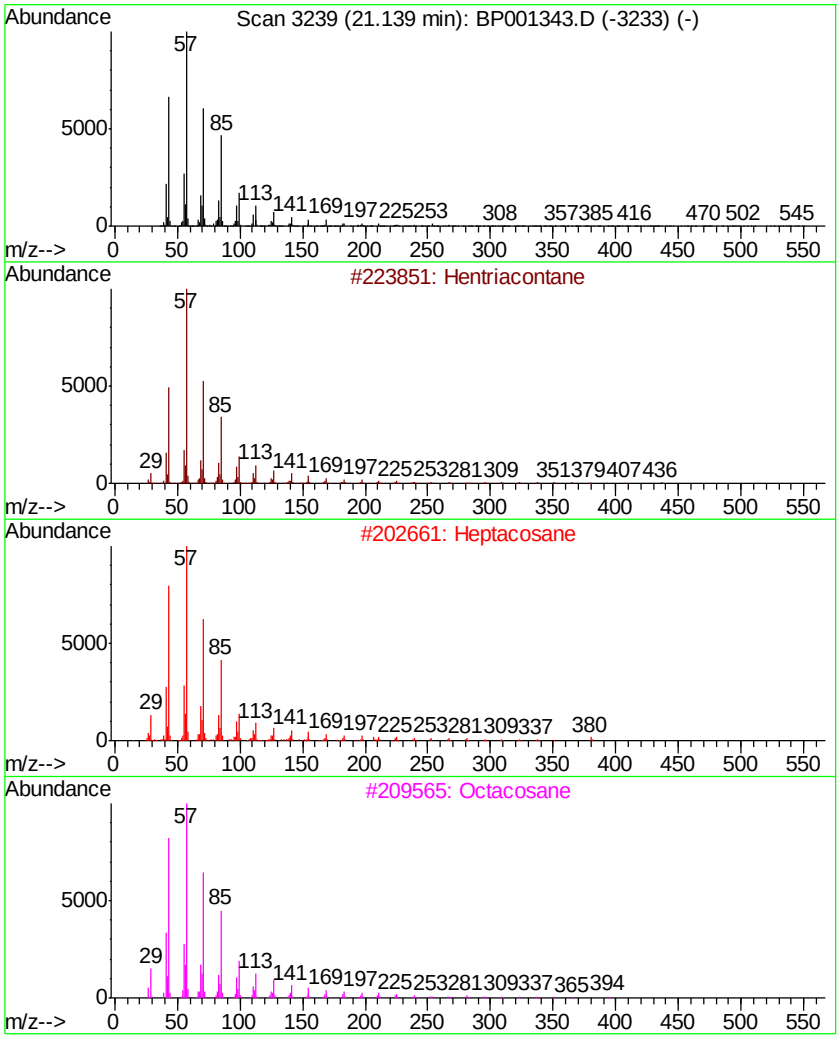
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

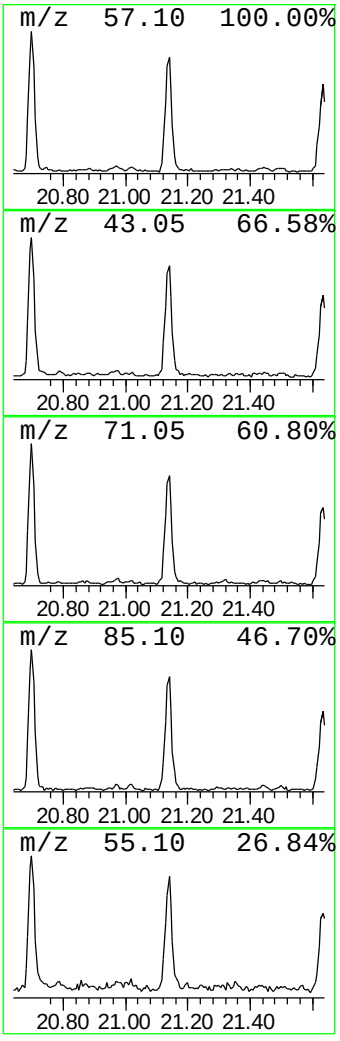
****

Peak Number 10 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	5.56 ng	122162	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	98
2	Heptacosane	380	C27H56	000593-49-7	94
3	Octacosane	394	C28H58	000630-02-4	93
4	Triacontane	422	C30H62	000638-68-6	93
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

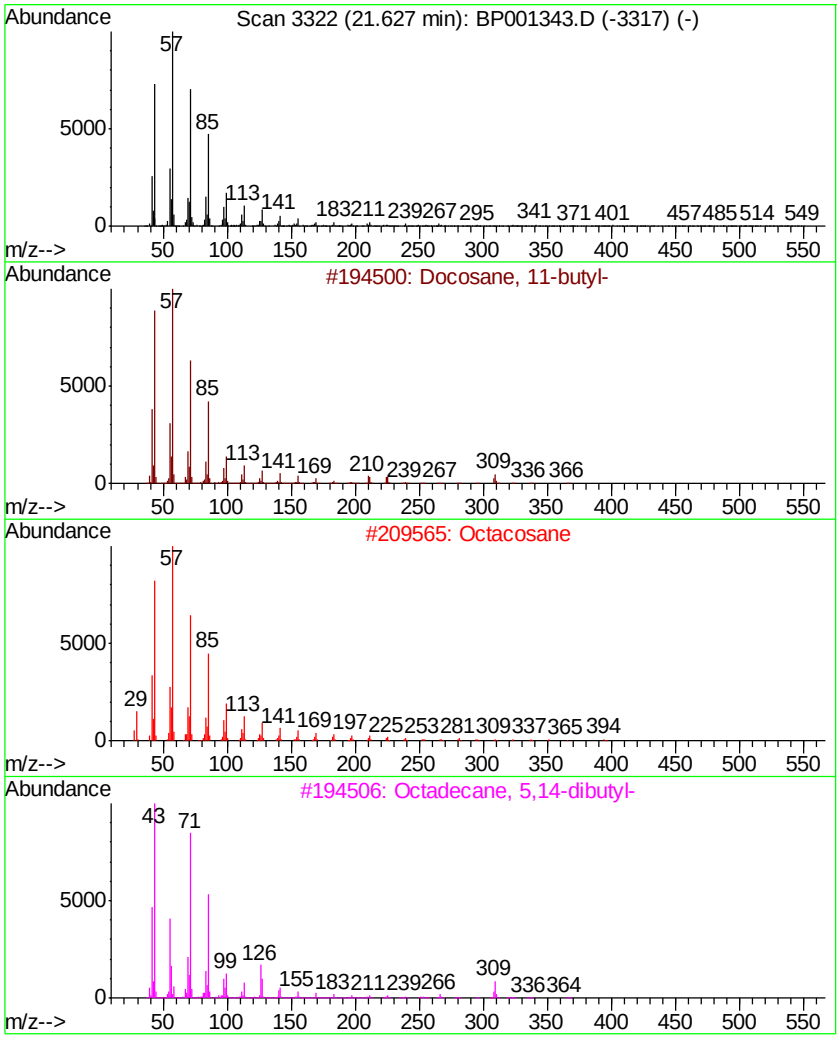
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

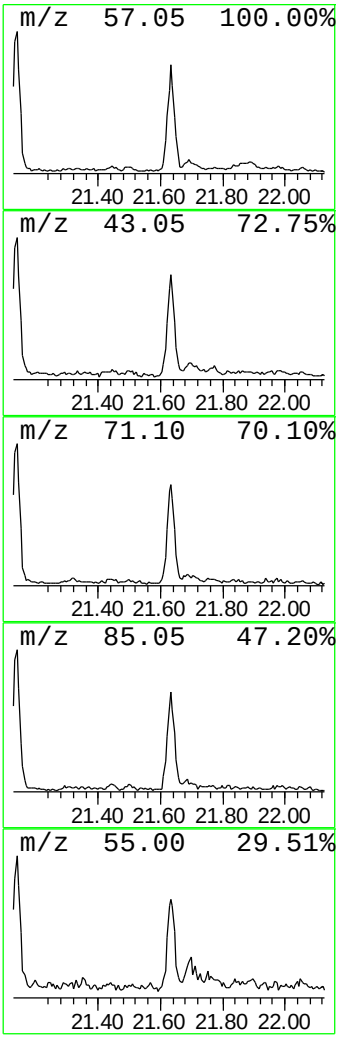
****

Peak Number 11 Docosane, 11-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	4.51 ng	99076	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	98
2	Octacosane	394	C28H58	000630-02-4	94
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
4	Hexacosane	366	C26H54	000630-01-3	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-1

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

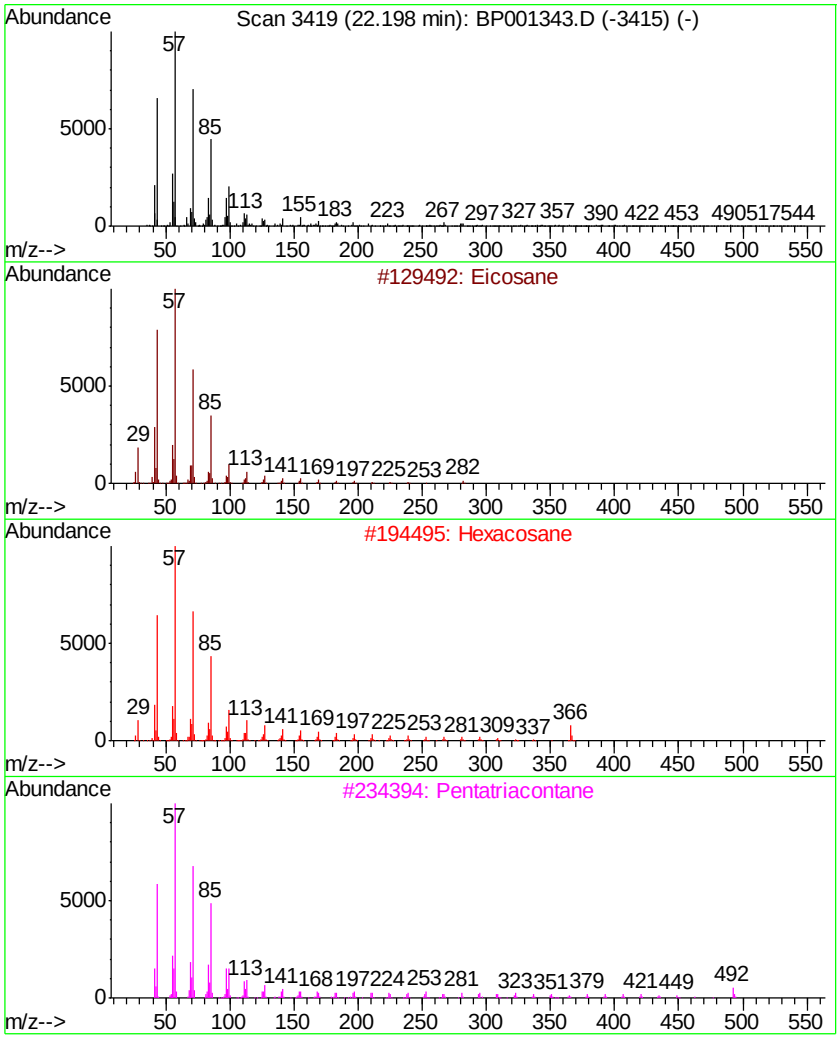
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

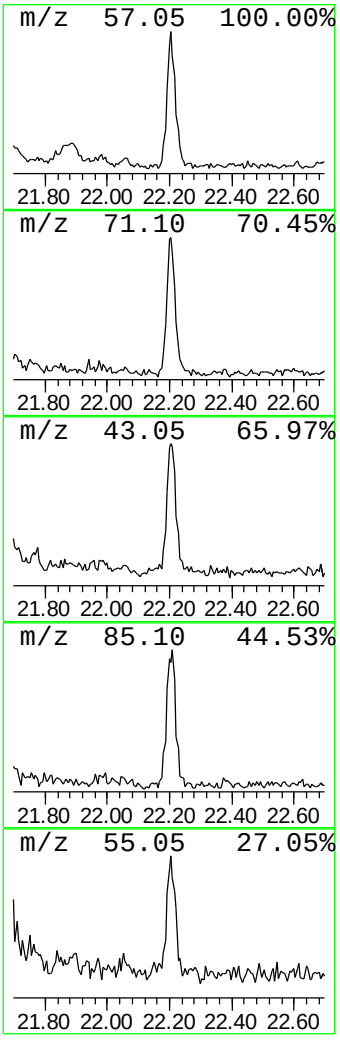
****

Peak Number 12 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.46 ng	54156	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Pentatriacontane	493	C35H72	000630-07-9	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122019\
Data File : BP001343.D
Acq On : 20 Dec 2019 15:16
Operator : JU
Sample : K6300-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSI-MW-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...	5.61	8.9	ng	180703	1	8.30	407302	20.0
unknown7.94	7.94	96.4	ng	1962940	1	8.30	407302	20.0
n-Hexadecanoic acid	16.49	3.2	ng	86757	4	15.60	541238	20.0
Oxalic acid, pent...	19.13	8.3	ng	194031	5	19.25	465714	20.0
Octacosane	19.53	3.7	ng	86287	5	19.25	465714	20.0
Eicosane, 3-methyl-	19.93	4.8	ng	112941	5	19.25	465714	20.0
Pentadecane, 8-he...	20.30	5.9	ng	129421	6	21.02	439812	20.0
2-Bromo dodecane	20.70	6.1	ng	133456	6	21.02	439812	20.0
Hentriacontane	21.14	5.6	ng	122162	6	21.02	439812	20.0
Docosane, 11-butyl-	21.63	4.5	ng	99076	6	21.02	439812	20.0
Eicosane	22.20	2.5	ng	54156	6	21.02	439812	20.0