LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

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-BP010820.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	2.875	10	15	23	rVV2	43525	82429	5.18%	0.794%
2	2.952	24	28	37	rVB	218568	249227	15.67%	2.400%
3	4.799	337	342	350	rBV	120804	167375	10.52%	1.612%
4	5.264	415	421	430	rBV	489218	717885	45.14%	6.913%
5	6.828	680	687	697	rBV	532305	835383	52.53%	8.045%
6	7.175	738	746	760	rBV	510714	797859	50.17%	7.683%
7	7.634	817	824	834	rVB	142147	218803	13.76%	2.107%
8	7.952	871	878	888	rVB	388044	609737	38.34%	5.872%
9	8.781	1011	1019	1037	rBV	312826	528039	33.20%	5.085%
10	10.410	1288	1296	1306	rBV	146766	261573	16.45%	2.519%
11	12.898	1712	1719	1732	rBV	695512	1029449	64.73%	9.913%
12	13.751	1858	1864	1875	rBV	26434	45943	2.89%	0.442%
13	14.281	1947	1954	1965	rBV2	240988	356870	22.44%	3.437%
14	15.781	2200	2209	2221	rBV	592808	860099	54.08%	8.283%
15	17.045	2417	2424	2435	rBV	293733	438633	27.58%	4.224%
16	17.975	2577	2582	2590	rBV2	27373	42860	2.70%	0.413%
17	19.633	2858	2864	2880	rBV	1277038	1590343	100.00%	15.315%
18	20.898	3074	3079	3090	rBV	107426	195695	12.31%	1.885%
19	21.145	3116	3121	3129	rBV	391837	484518	30.47%	4.666%
20	21.769	3224	3227	3238	rBV5	21980	46320	2.91%	0.446%
21	22.239	3303	3307	3313	rVB3	32183	41529	2.61%	0.400%
22	22.363	3324	3328	3334	rVB	85340	113388	7.13%	1.092%
23	22.751	3390	3394	3399	rBV2	47741	67257	4.23%	0.648%
24	23.327	3488	3492	3495	rBV2	49277	76891	4.83%	0.740%
25	23.380	3495	3501	3510	rVB	233318	445528	28.01%	4.290%
26	23.992	3600	3605	3612	rVB	43978	80809	5.08%	0.778%

Sum of corrected areas: 10384442

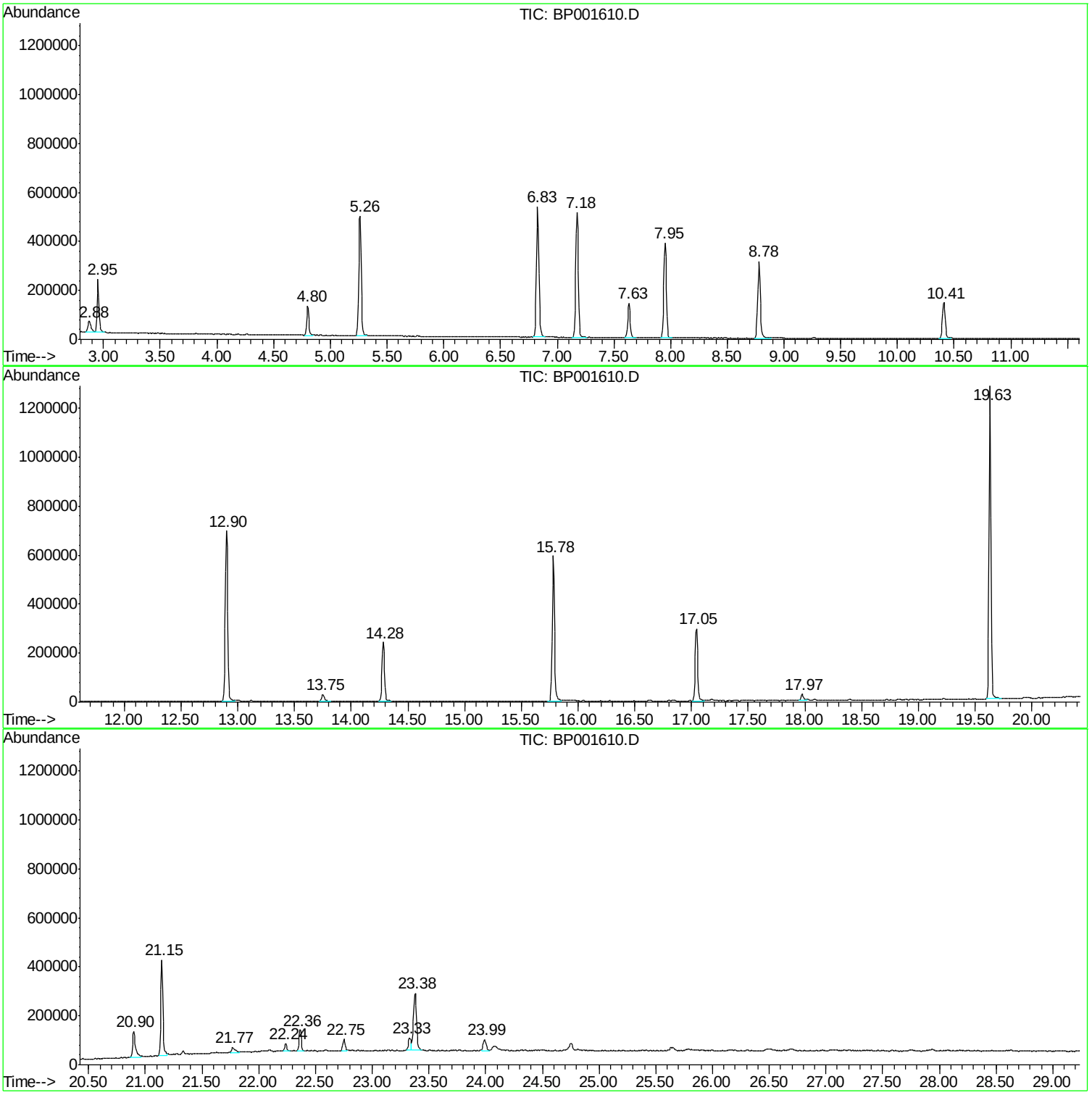
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

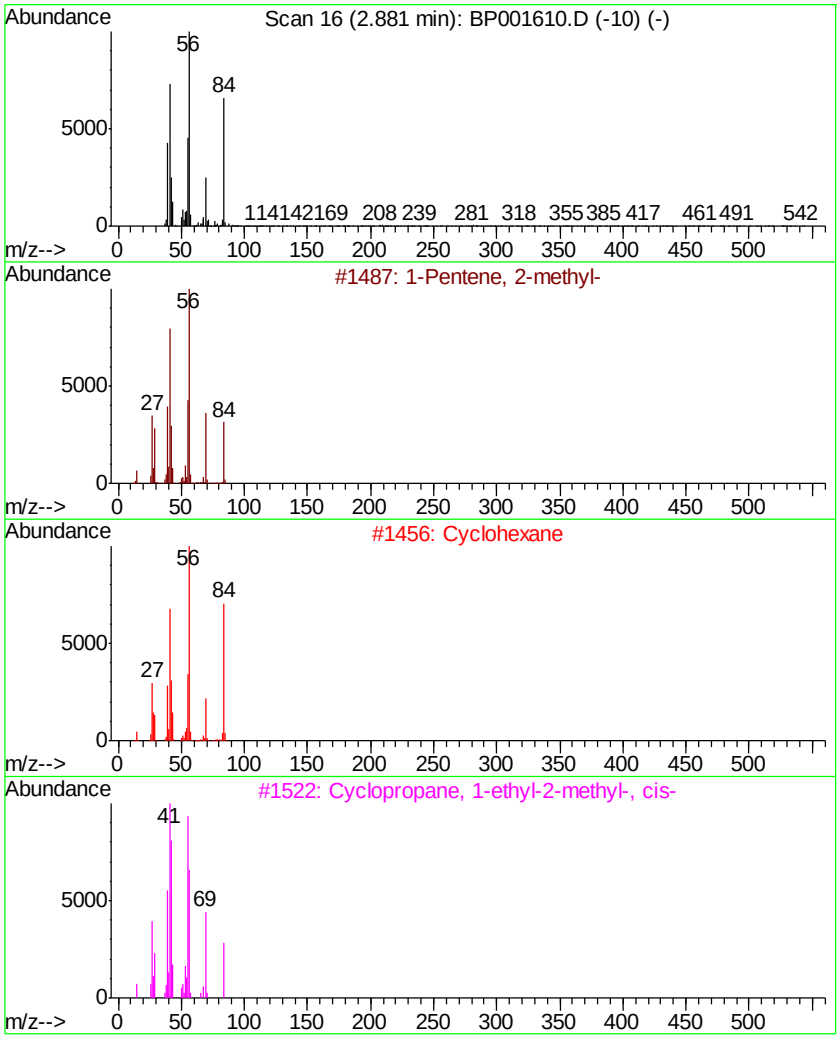
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

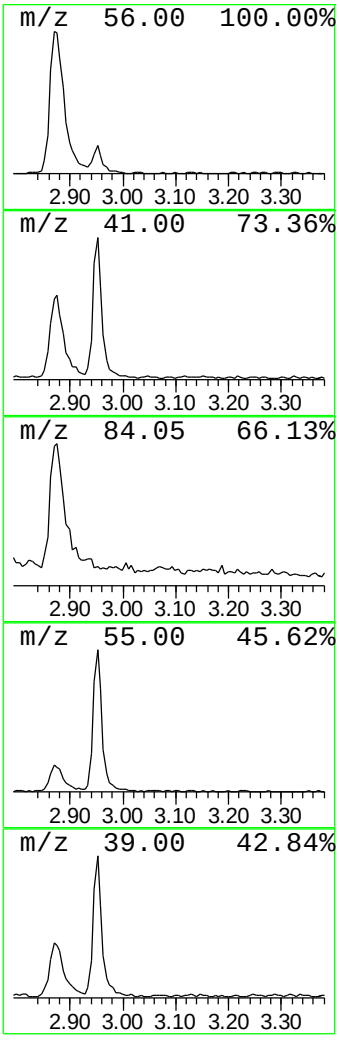
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	7.53 ng	82429	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
2	Cyclohexane	84	C6H12	000110-82-7	76
3	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	64
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	50
5	1-Hexene	84	C6H12	000592-41-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

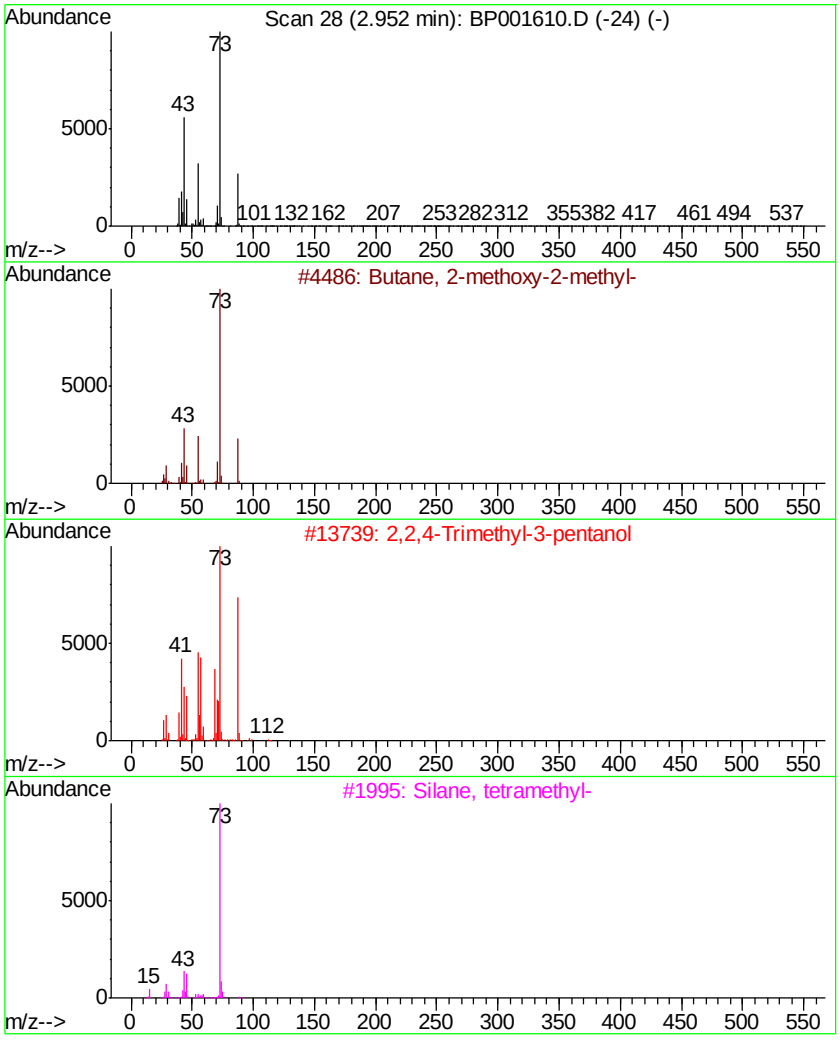
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

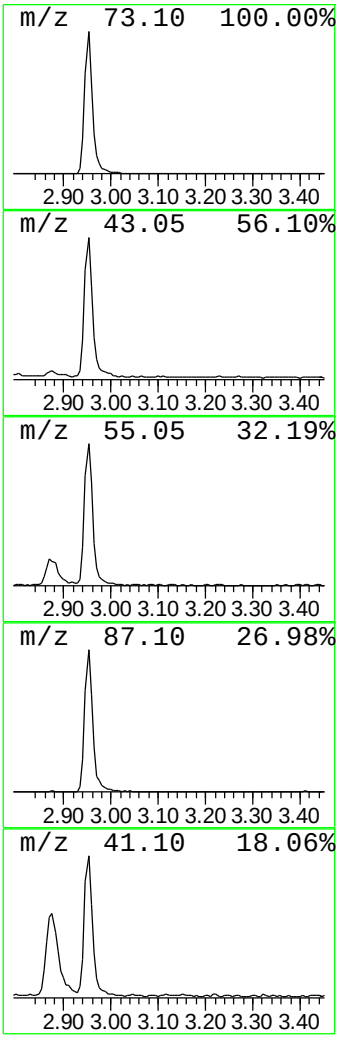
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	22.78 ng	249227	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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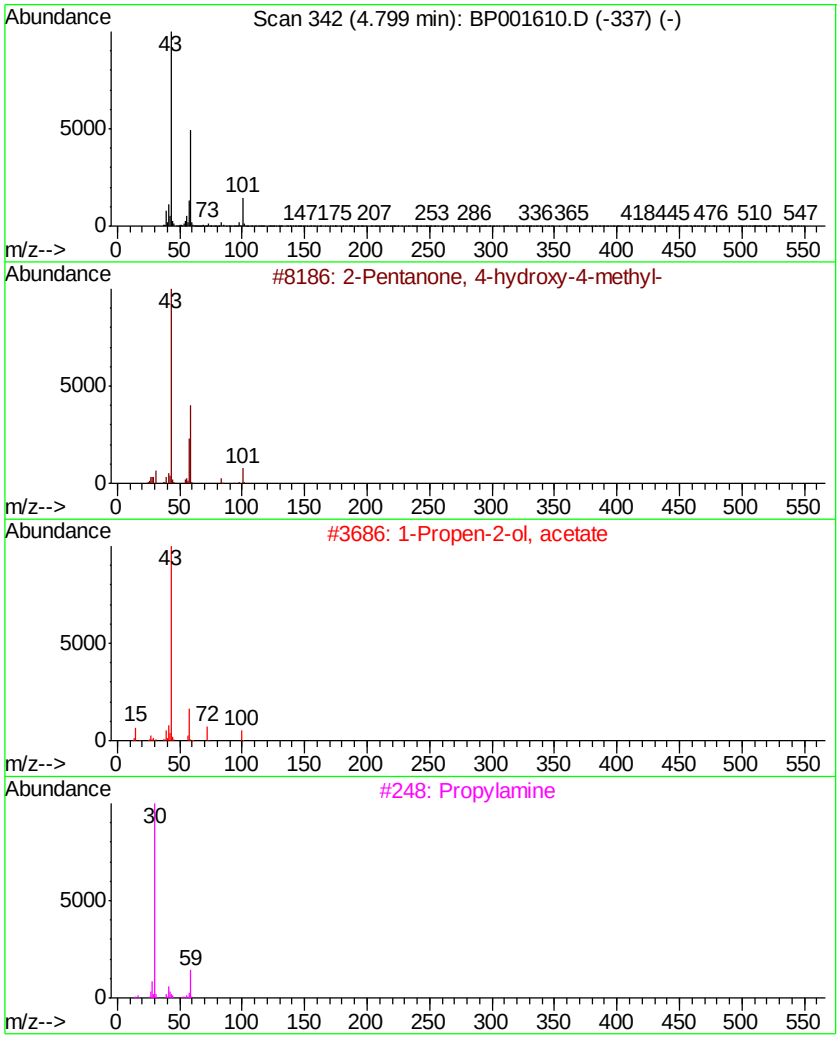
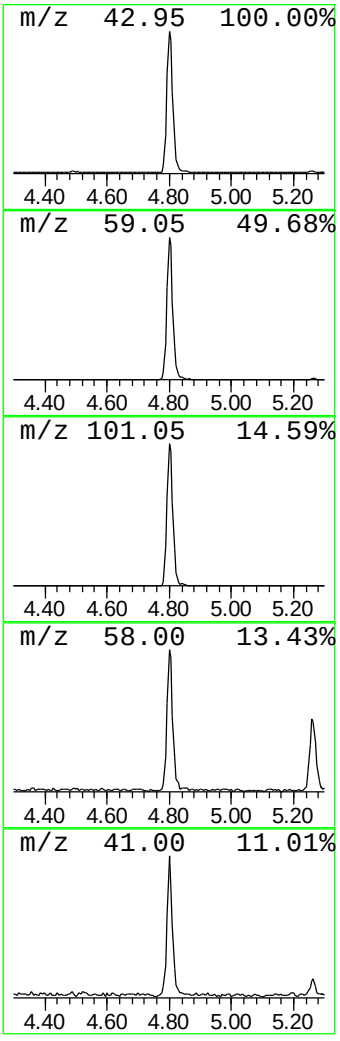
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	15.30 ng	167375	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Propylamine	59	C3H9N	000107-10-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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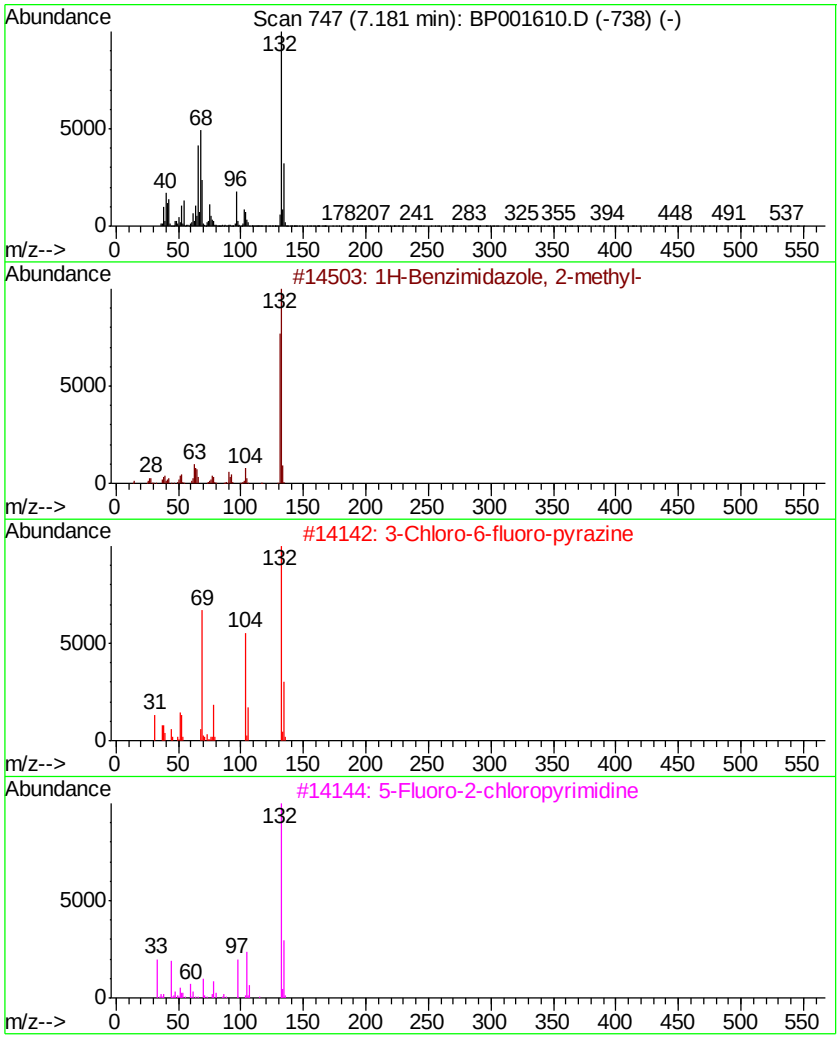
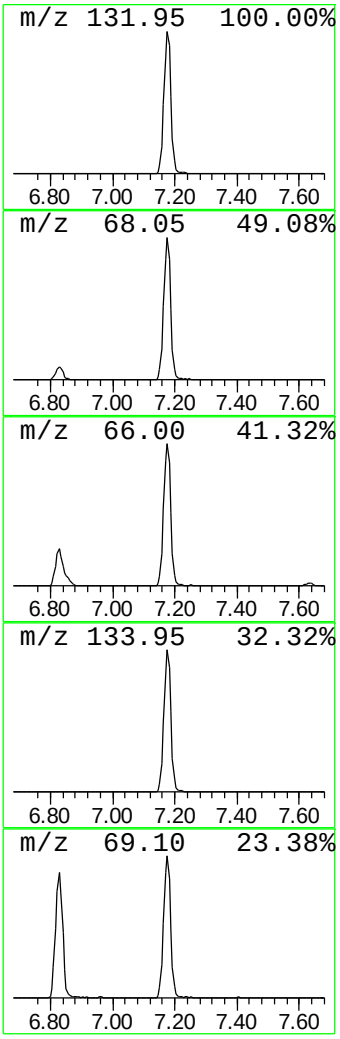
Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	72.93 ng	797859	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

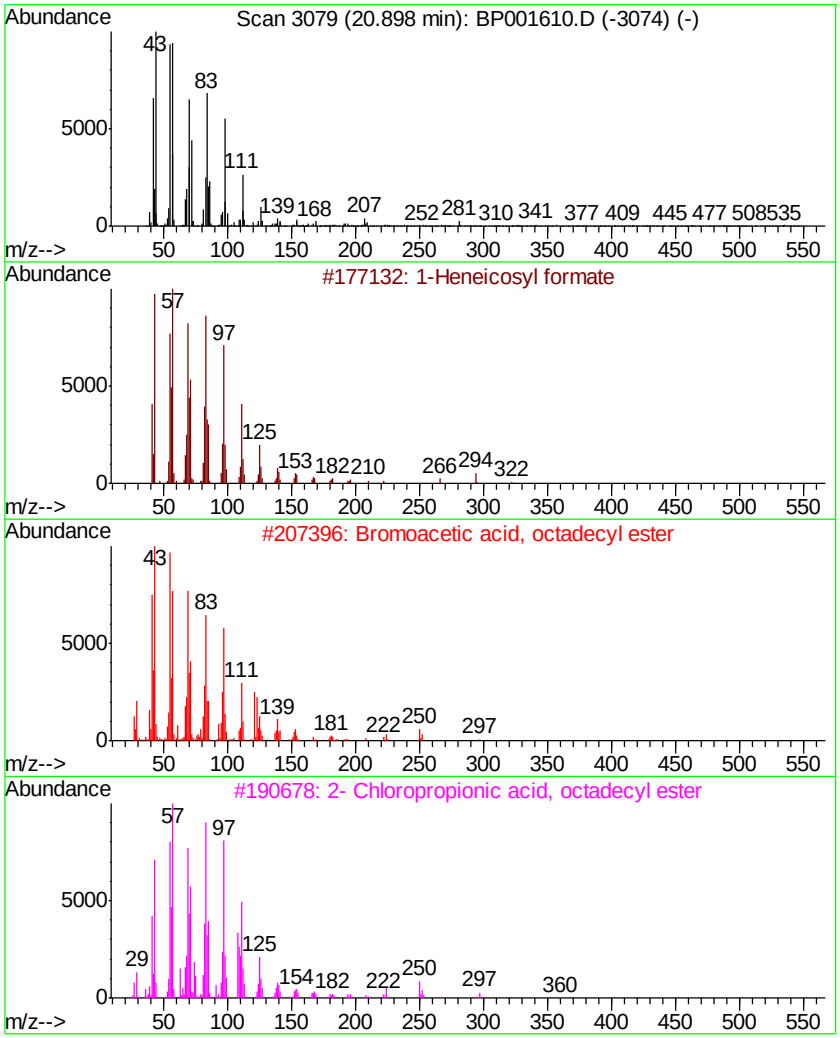
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

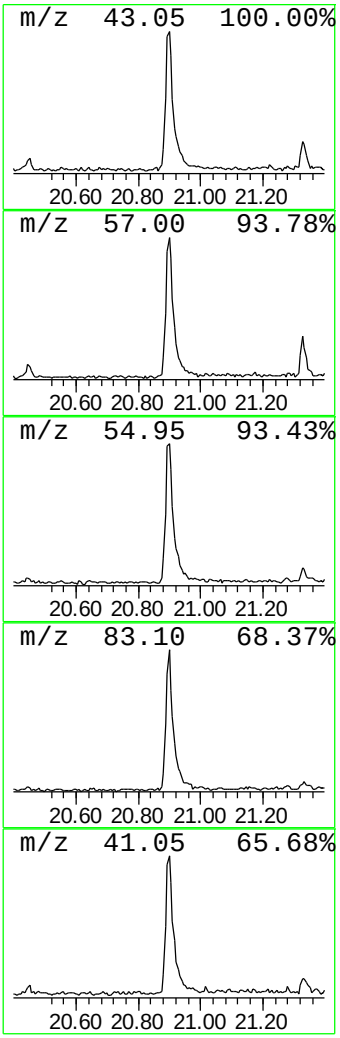
****

Peak Number 6 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	8.08 ng	195695	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

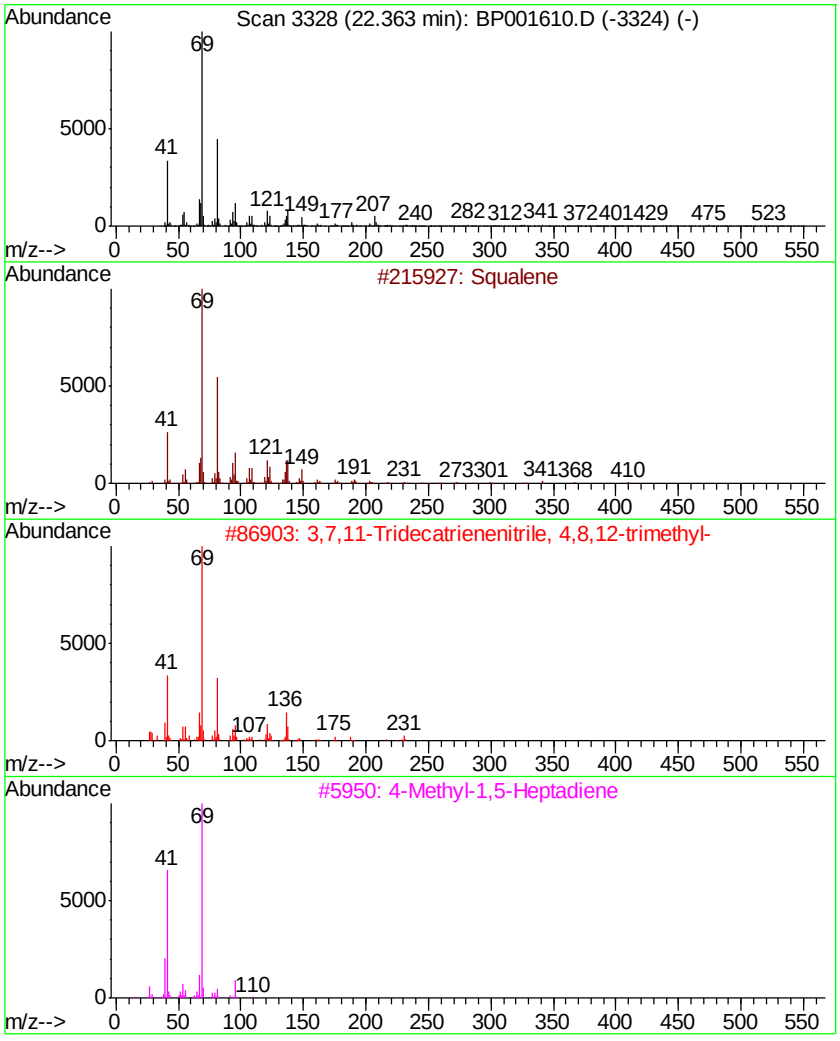
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

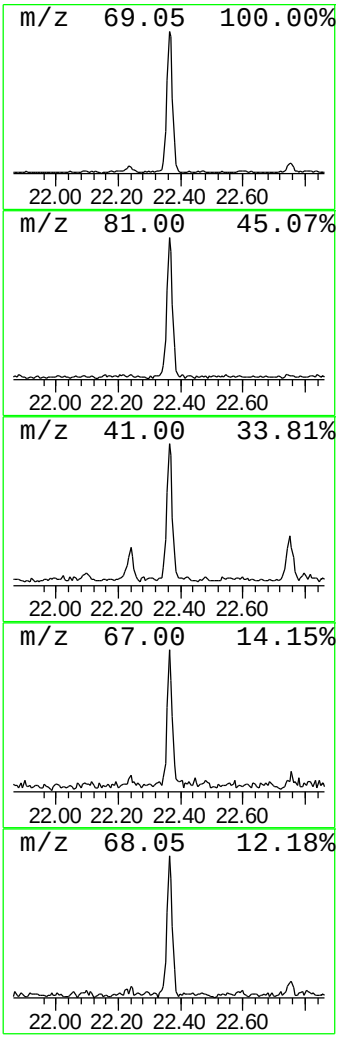
****

Peak Number 7 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	5.09 ng	113388	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	72
2	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
3	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5	trans-Farnesol	222	C15H26O	000106-28-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

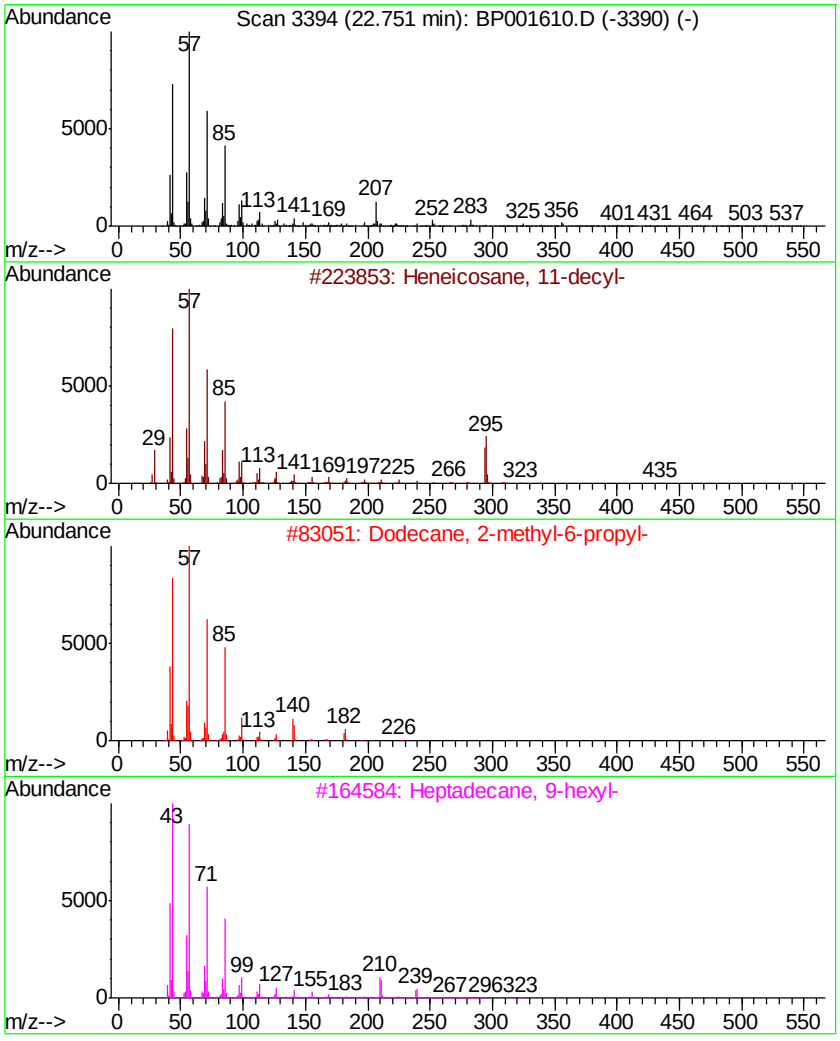
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

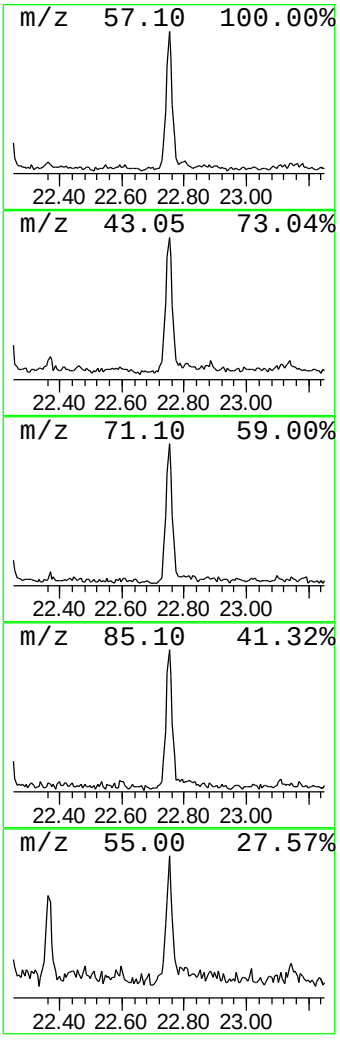
****

Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	3.02 ng	67257	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	89
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tricosane	324	C23H48	000638-67-5	83





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Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

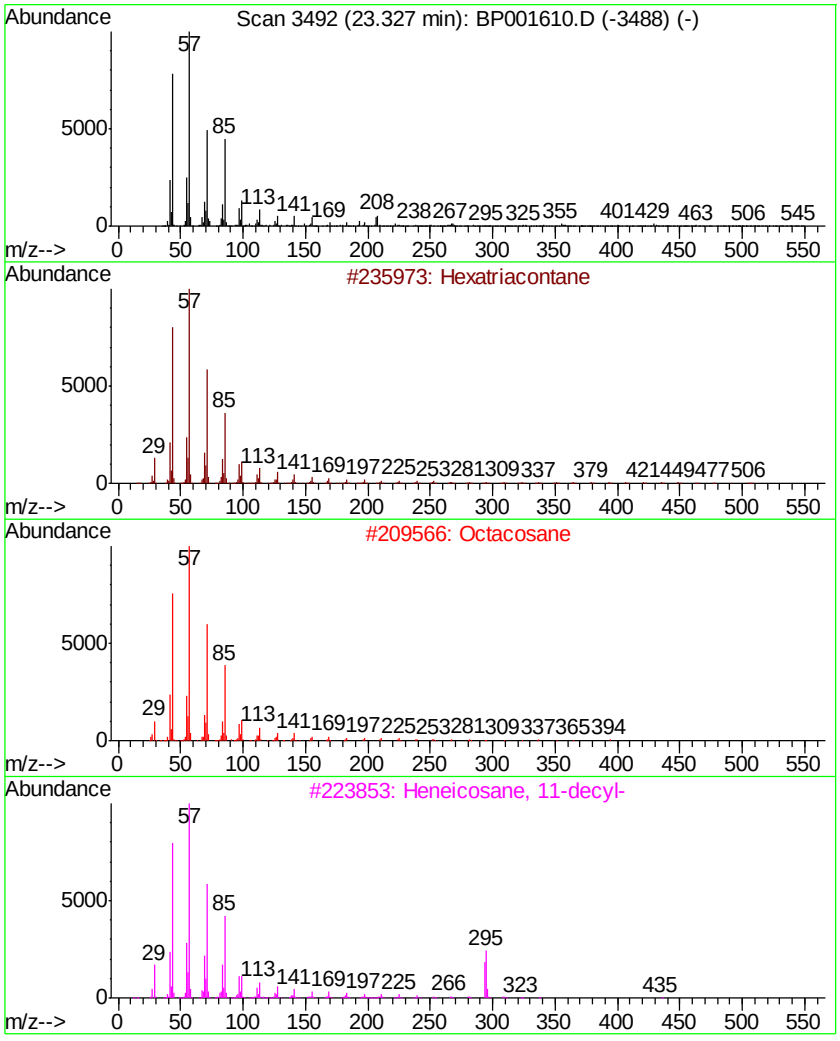
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

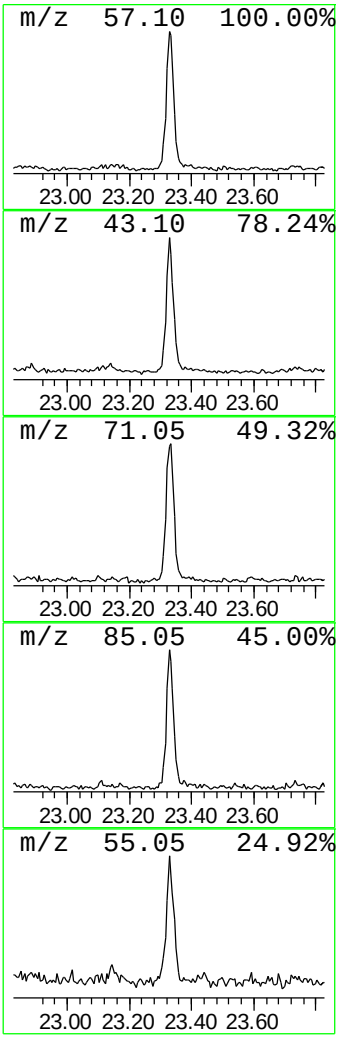
****

Peak Number 9 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	3.45 ng	76891	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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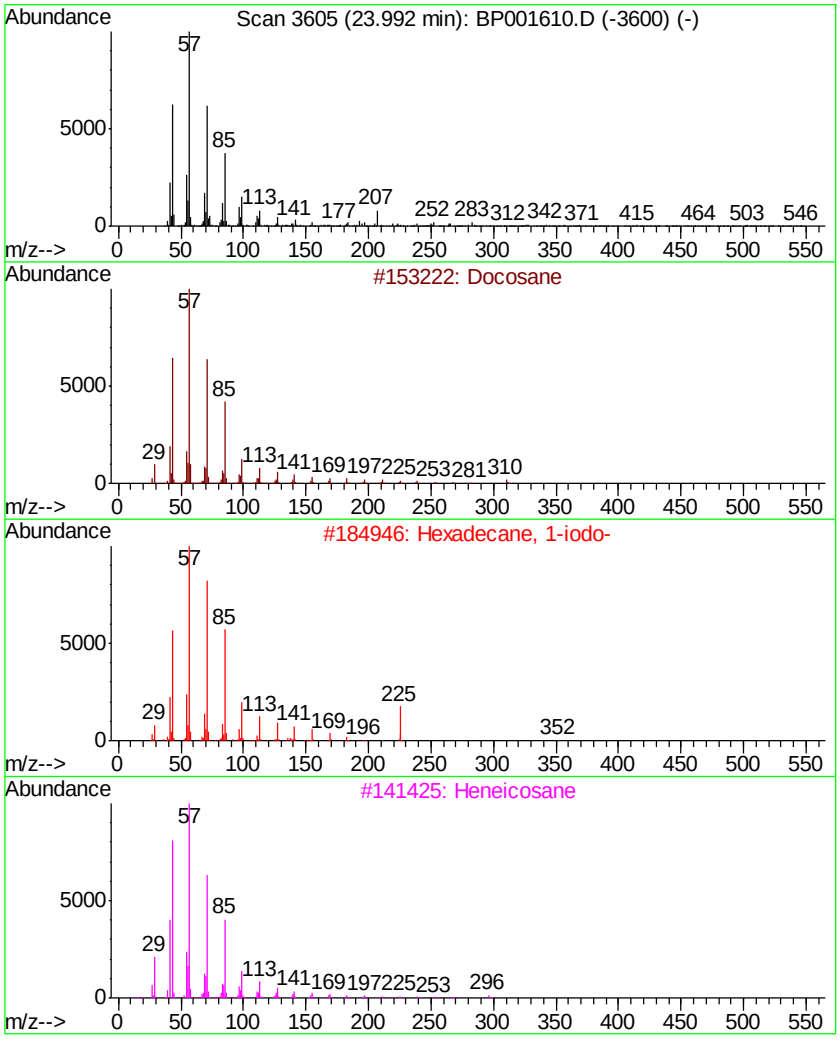
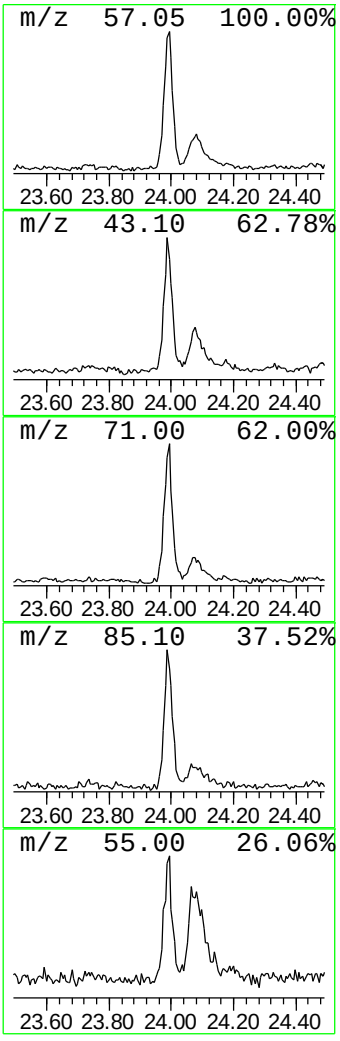
Peak Number 10 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.63 ng	80809	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	81
3	Heneicosane	296	C21H44	000629-94-7	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Hexacosane	366	C26H54	000630-01-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
Data File : BP001610.D
Acq On : 15 Jan 2020 15:43
Operator : JU
Sample : L1125-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-21A-(2.5-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
1-Pentene, 2-methyl-	2.88	7.5	ng	82429	1	7.63	218803	20.0
Butane, 2-methoxy...	2.95	22.8	ng	249227	1	7.63	218803	20.0
2-Pentanone, 4-hy...	4.80	15.3	ng	167375	1	7.63	218803	20.0
unknown7.18	7.18	72.9	ng	797859	1	7.63	218803	20.0
1-Heneicosyl formate	20.90	8.1	ng	195695	5	21.15	484518	20.0
Squalene	22.36	5.1	ng	113388	6	23.38	445528	20.0
Heneicosane, 11-d...	22.75	3.0	ng	67257	6	23.38	445528	20.0
Hexatriacontane	23.33	3.5	ng	76891	6	23.38	445528	20.0
Docosane	23.99	3.6	ng	80809	6	23.38	445528	20.0