LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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	2.870	11	14	24	rBV	20355	35990	2.21%	0.357%
2	2.952	24	28	39	rVB	163664	198008	12.18%	1.965%
3	4.799	337	342	351	rVB	109925	153094	9.42%	1.519%
4	5.258	415	420	434	rVB	455802	681248	41.92%	6.761%
5	6.828	680	687	704	rBV	507267	810052	49.84%	8.039%
6	7.175	739	746	757	rBV	488396	767374	47.21%	7.615%
7	7.634	818	824	832	rVB2	132024	212761	13.09%	2.111%
8	7.952	870	878	887	rBV	372400	591326	36.38%	5.868%
9	8.781	1011	1019	1035	rBV	288218	508683	31.30%	5.048%
10	10.410	1284	1296	1307	rBV	147960	260291	16.01%	2.583%
11	12.898	1710	1719	1732	rBV	692020	1036766	63.79%	10.289%
12	13.751	1857	1864	1876	rBV	26457	46701	2.87%	0.463%
13	14.281	1947	1954	1969	rBV	240897	356732	21.95%	3.540%
14	15.781	2197	2209	2220	rBV	583191	843703	51.91%	8.373%
15	17.045	2417	2424	2440	rBV	280952	431136	26.53%	4.279%
16	17.975	2577	2582	2592	rBV	22815	39526	2.43%	0.392%
17	19.633	2858	2864	2876	rBV	1348781	1625297	100.00%	16.129%
18	20.898	3074	3079	3094	rBV2	82613	162816	10.02%	1.616%
19	21.145	3116	3121	3133	rBV	348242	477471	29.38%	4.738%
20	21.769	3224	3227	3235	rBV3	23794	38468	2.37%	0.382%
21	22.239	3303	3307	3312	rVB	39610	52400	3.22%	0.520%
22	22.363	3324	3328	3333	rVB	46303	65619	4.04%	0.651%
23	22.751	3390	3394	3400	rVB	52767	76780	4.72%	0.762%
24	23.333	3487	3493	3495	rBV	54846	93711	5.77%	0.930%
25	23.374	3495	3500	3513	rVB	225078	432963	26.64%	4.297%
26	23.986	3600	3604	3610	rVB	42465	77835	4.79%	0.772%

Sum of corrected areas: 10076751

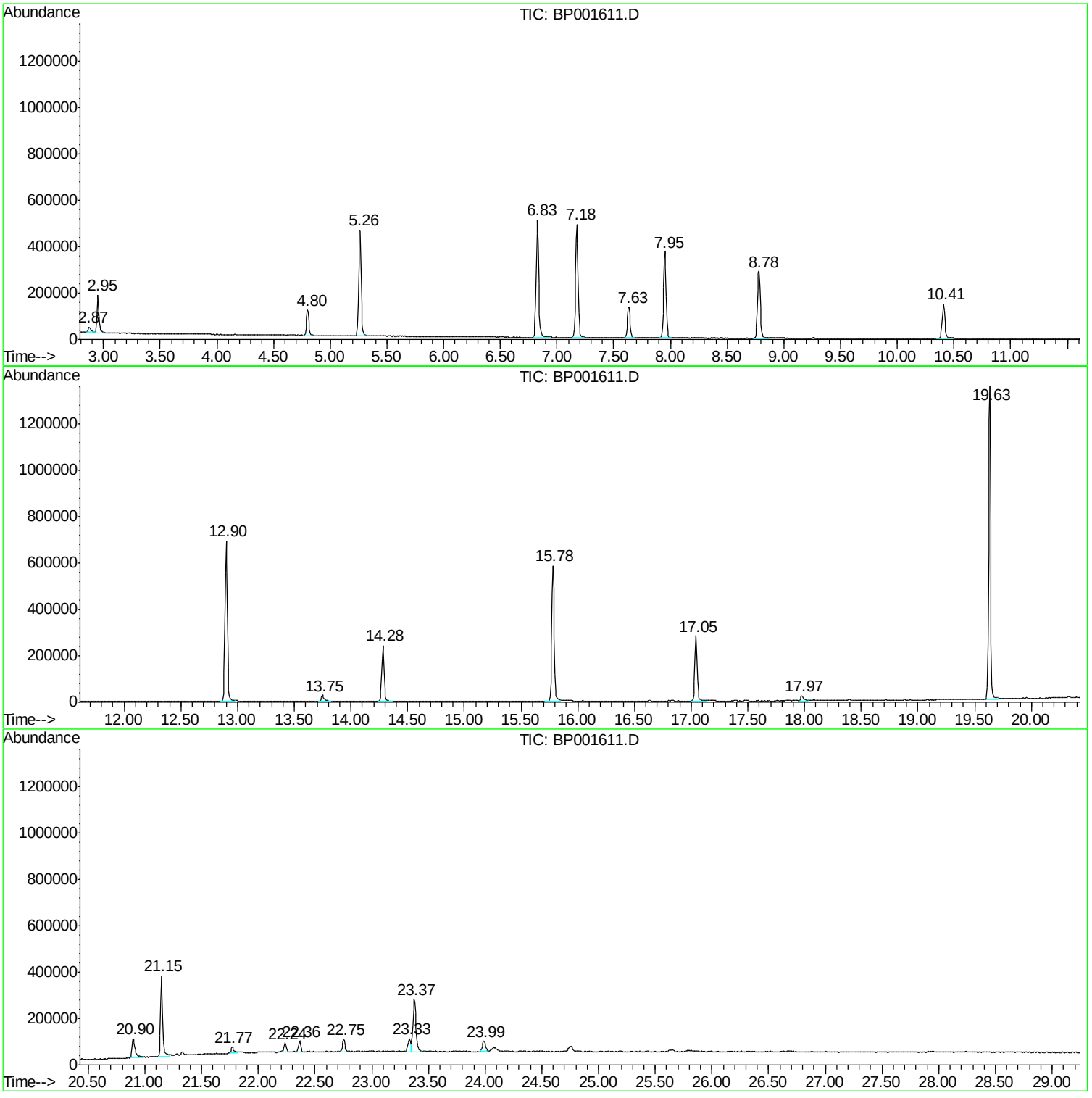
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

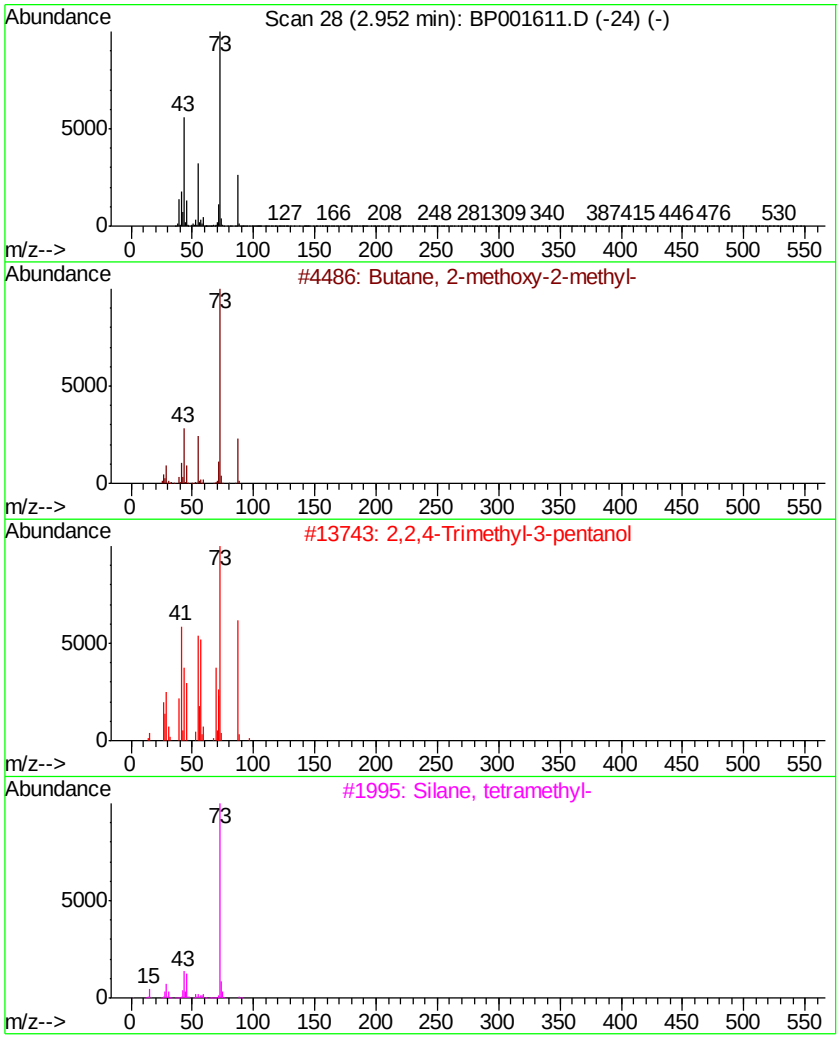
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

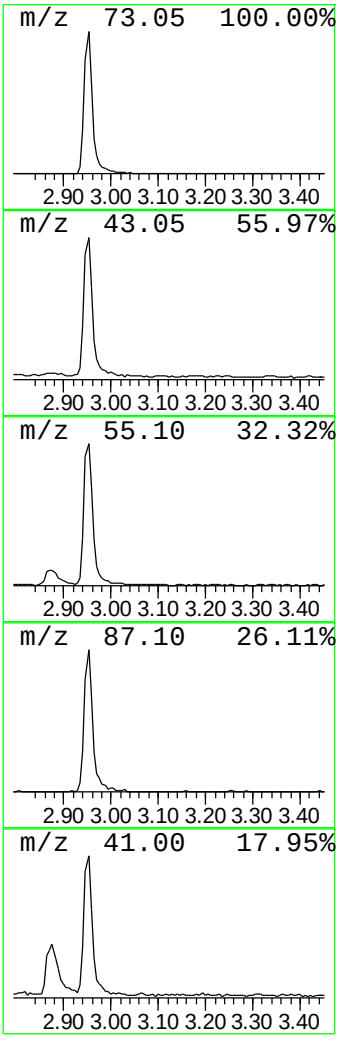
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	18.61 ng	198008	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	32
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

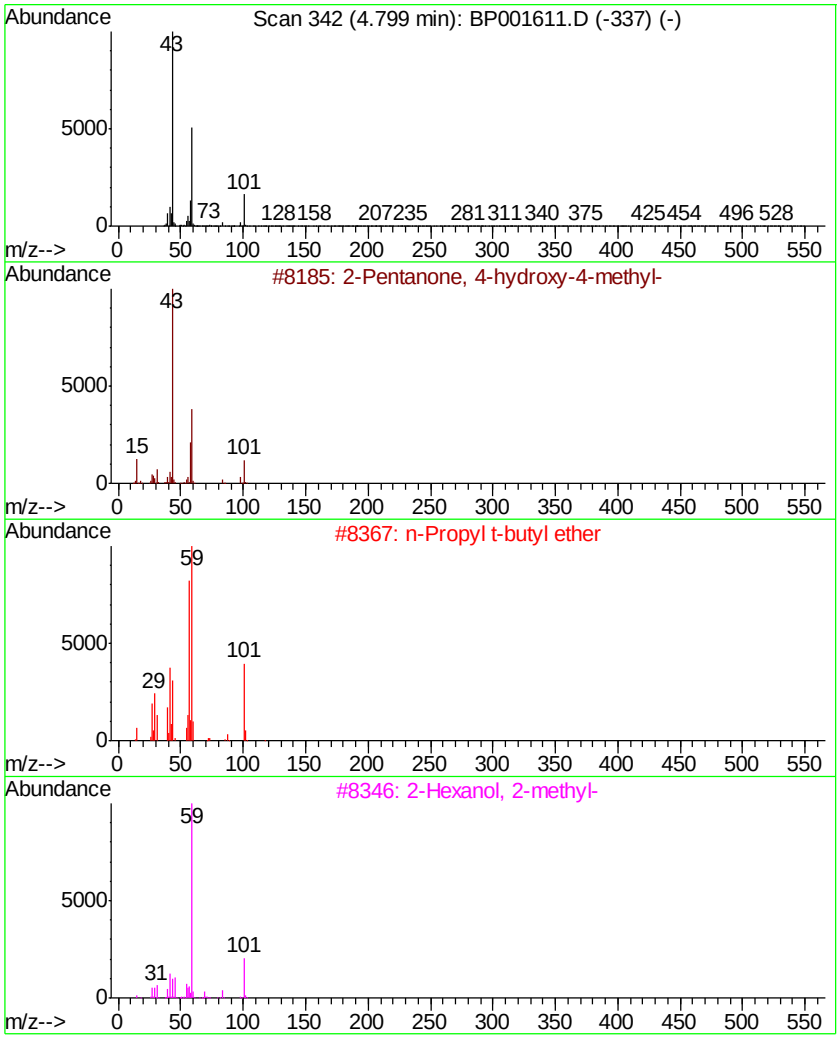
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

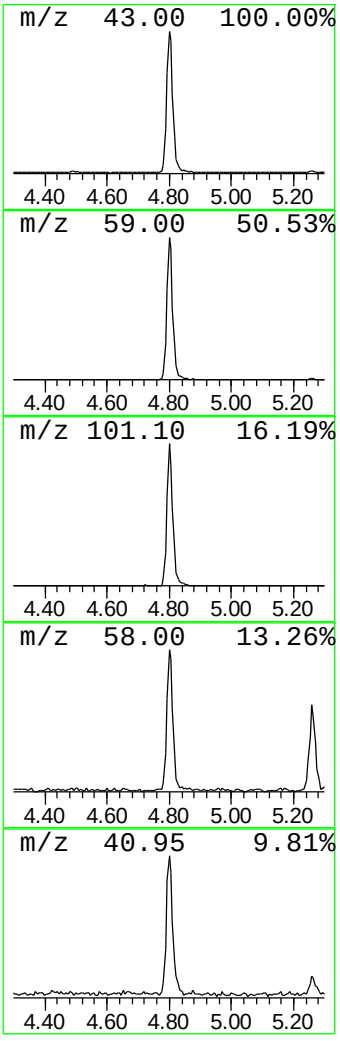
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	14.39 ng	153094	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	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

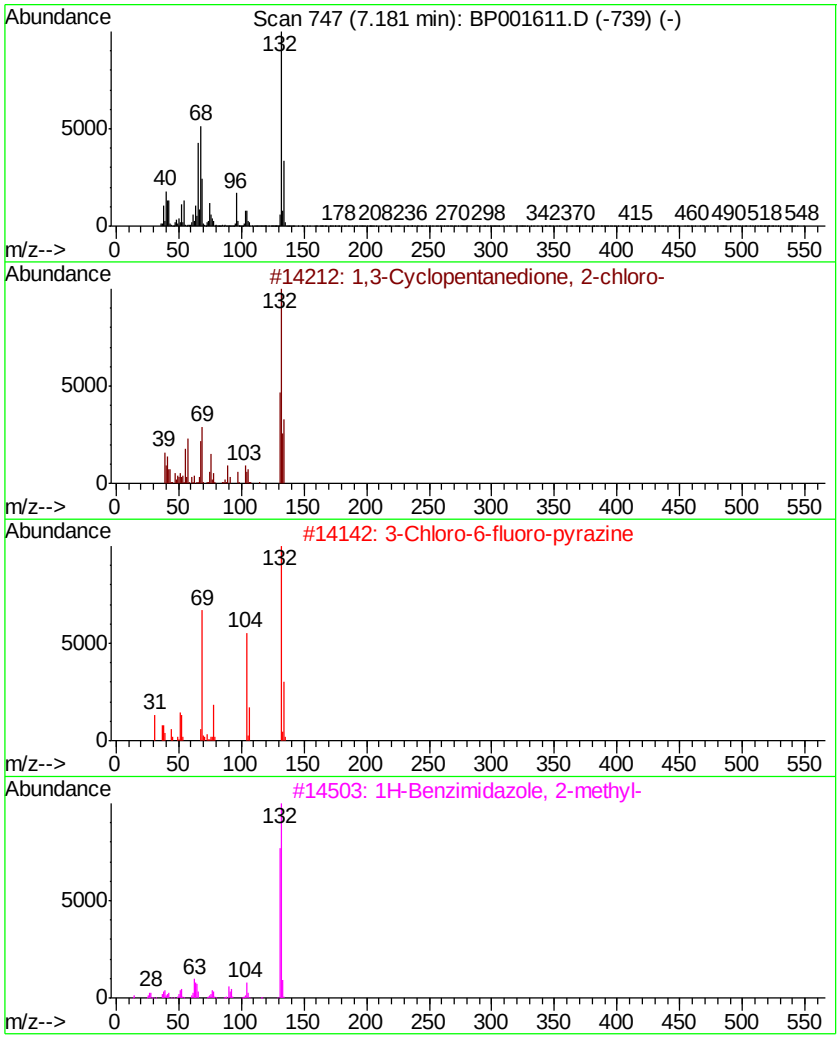
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

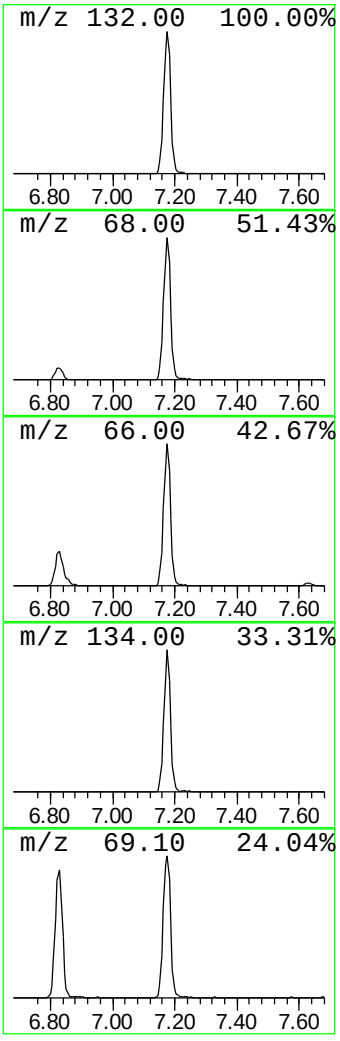
****

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	72.13 ng	767374	1,4-Dichlorobenzene-d4	7.63

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

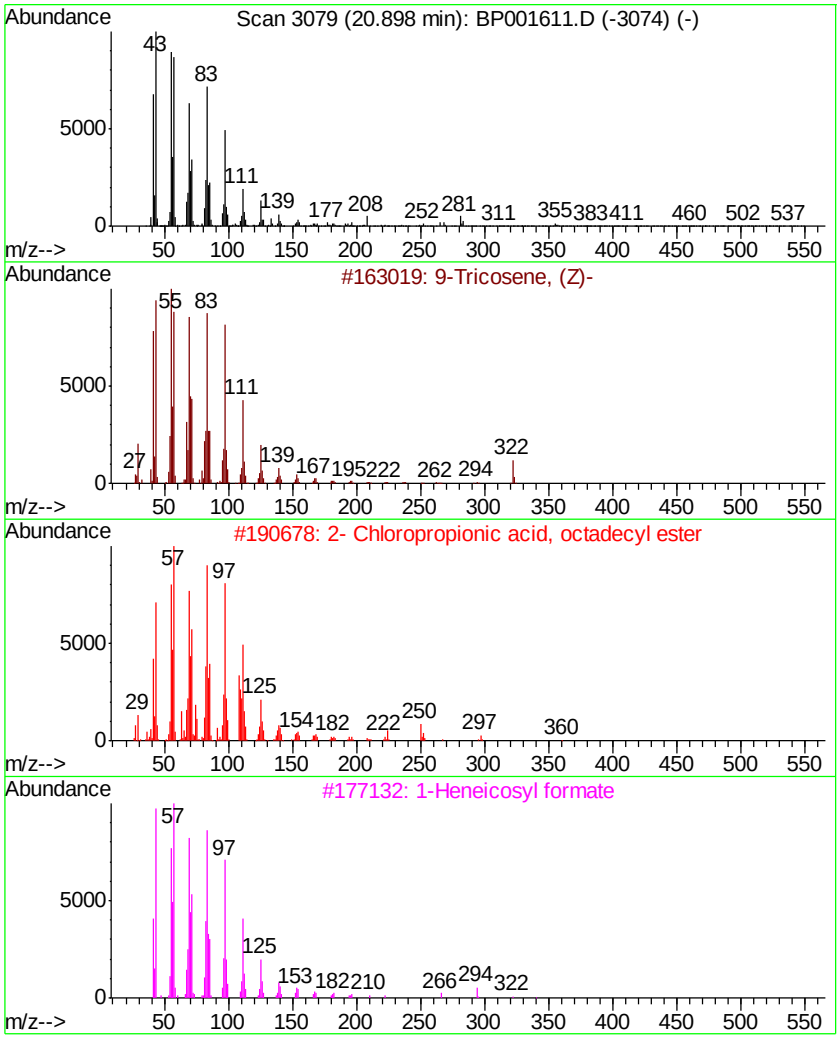
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

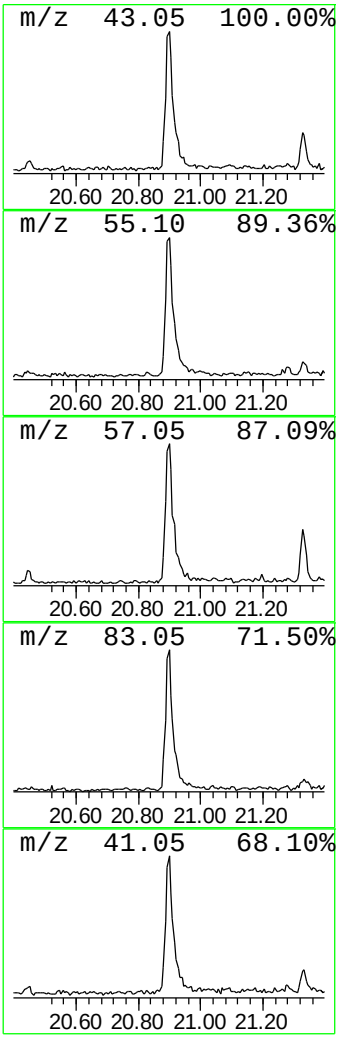
****

Peak Number 6 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.82 ng	162816	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

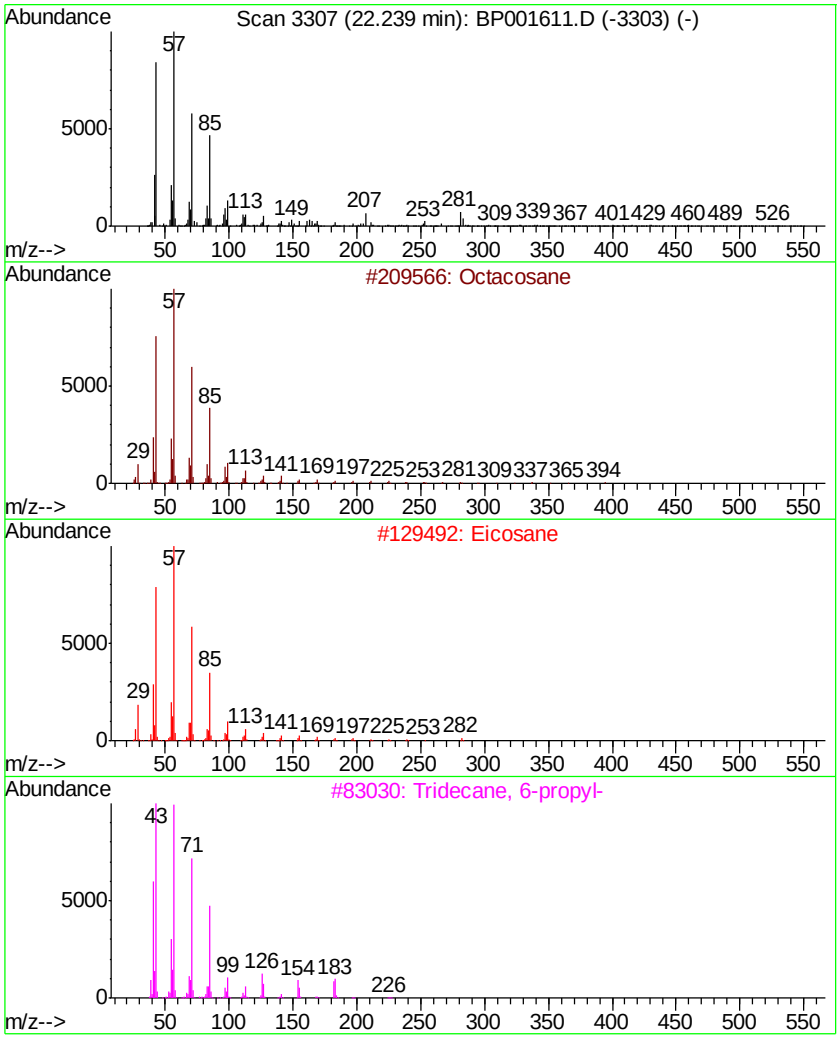
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

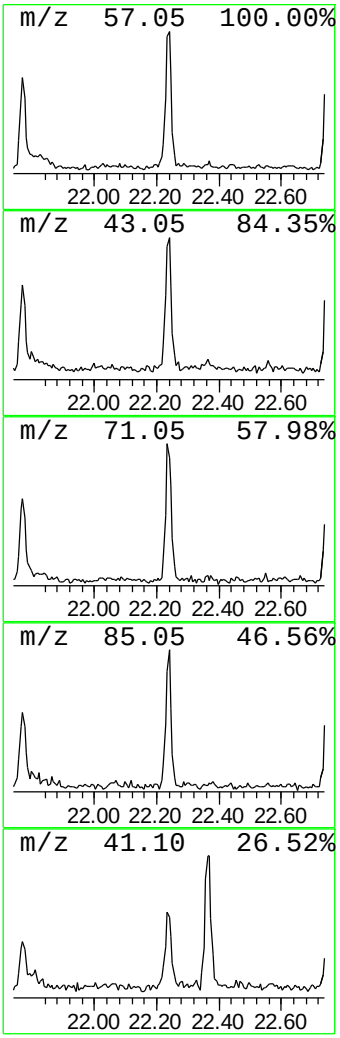
****

Peak Number 7 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.19 ng	52400	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Eicosane	282	C20H42	000112-95-8	83
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	76
5	Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

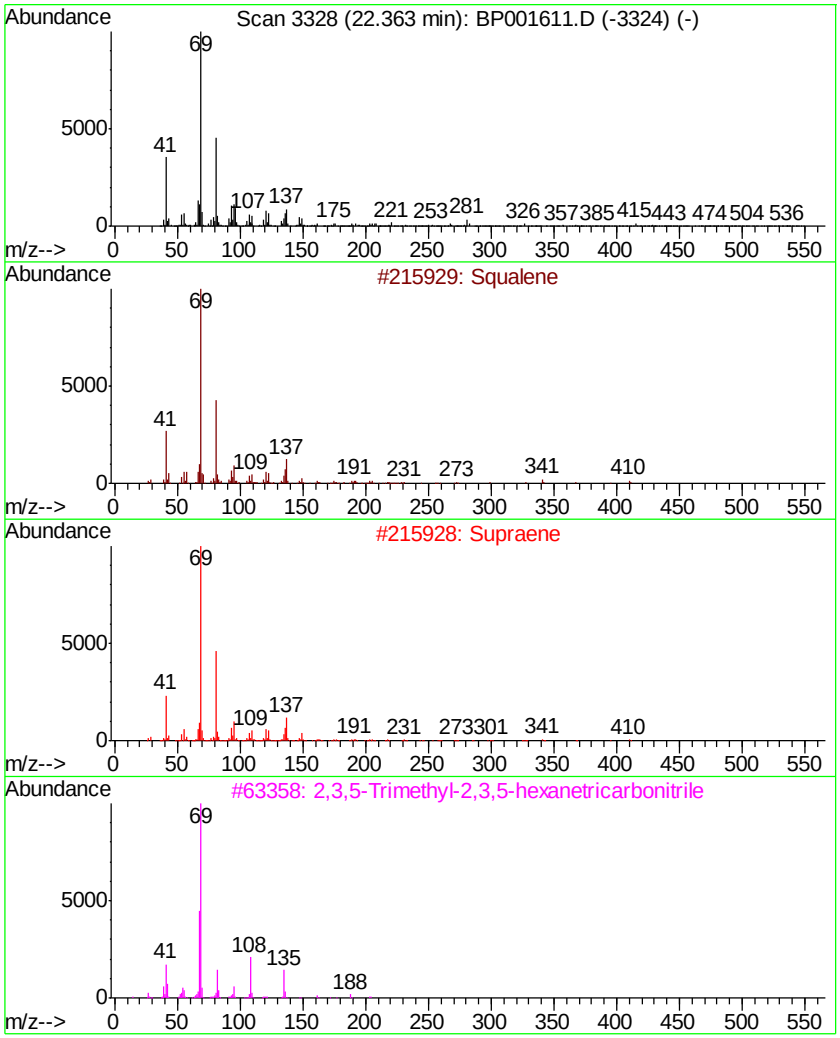
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

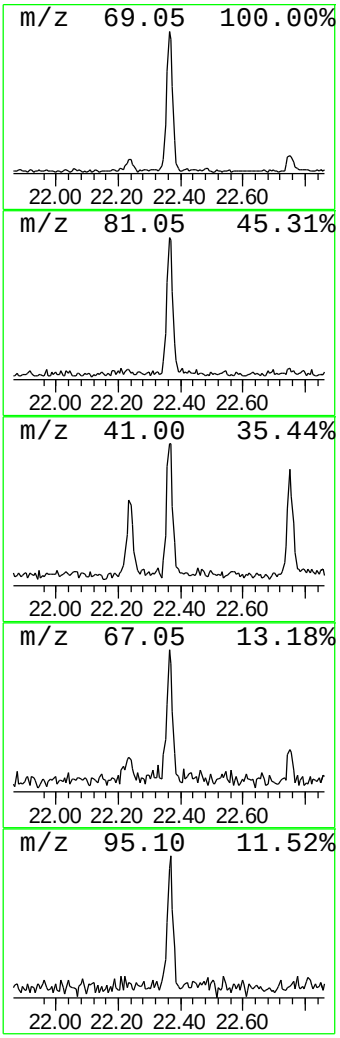
****

Peak Number 8 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	3.03 ng	65619	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	74
2	Supraene	410	C30H50	007683-64-9	74
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	72
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64
5	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

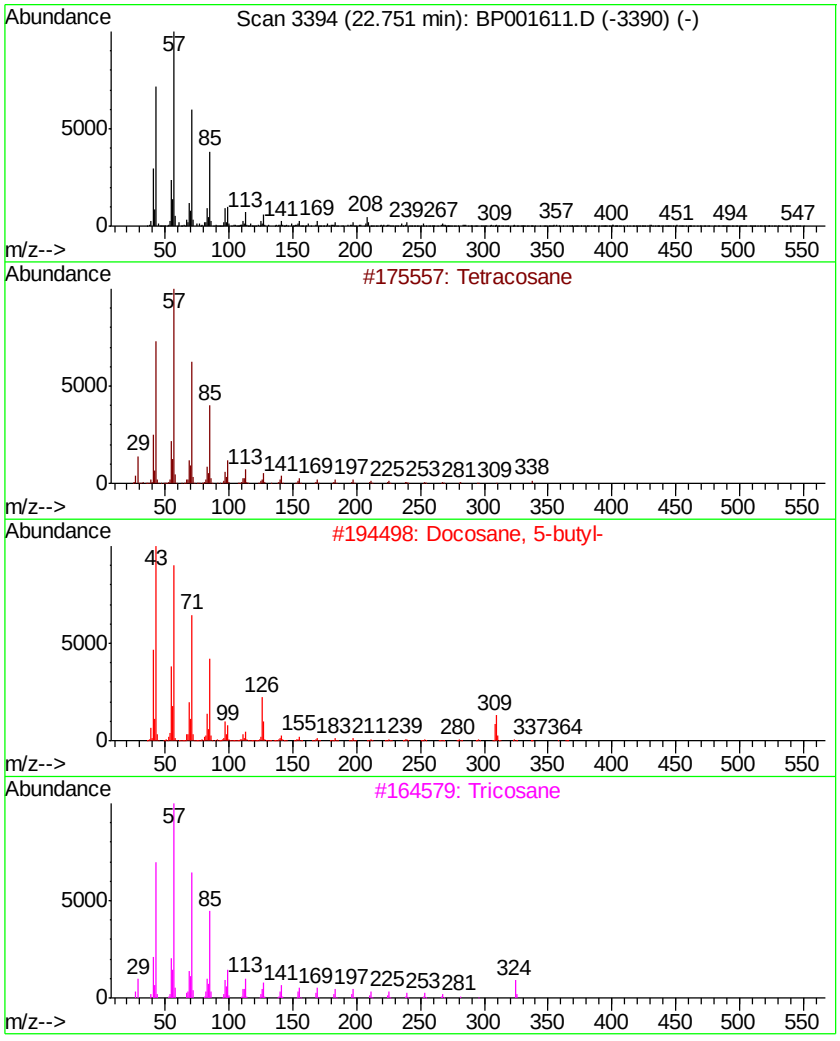
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

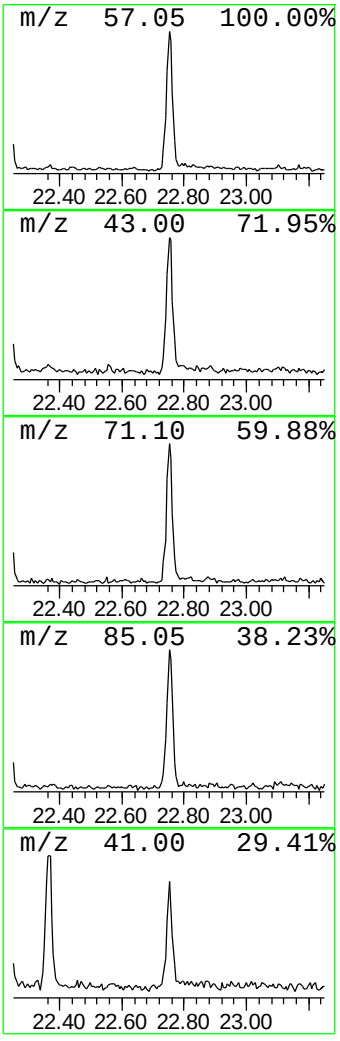
****

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	3.55 ng	76780	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
3	Tricosane	324	C23H48	000638-67-5	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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

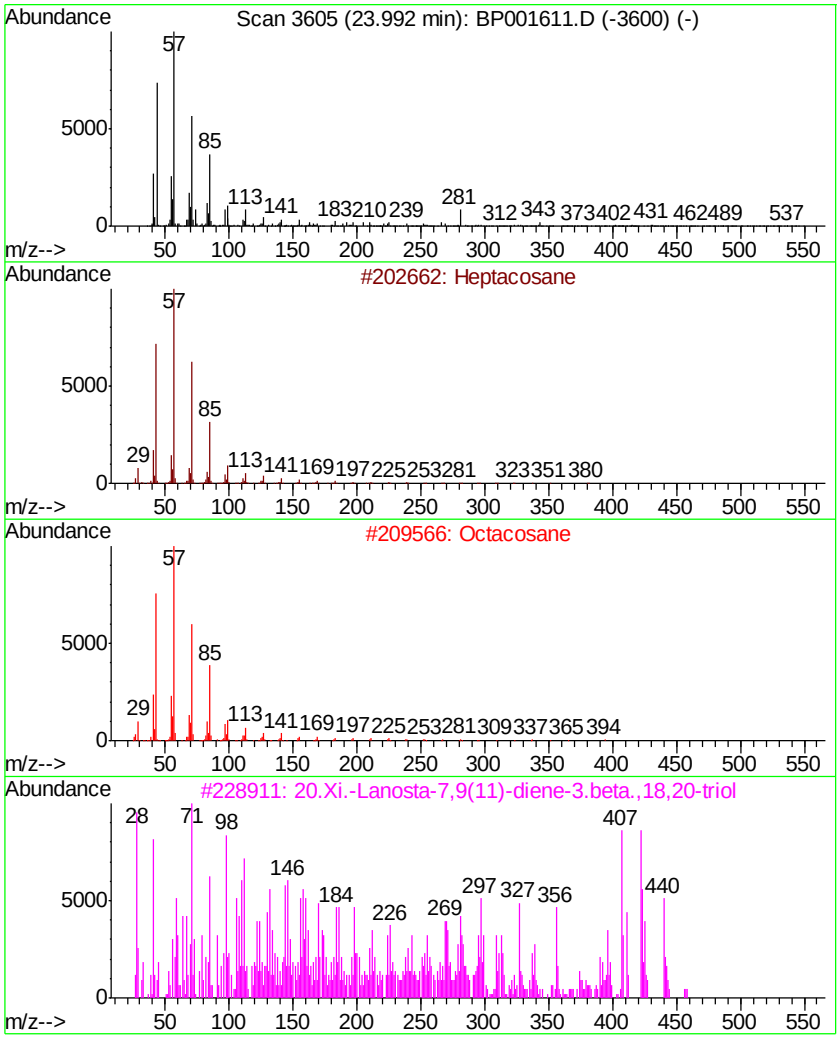
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

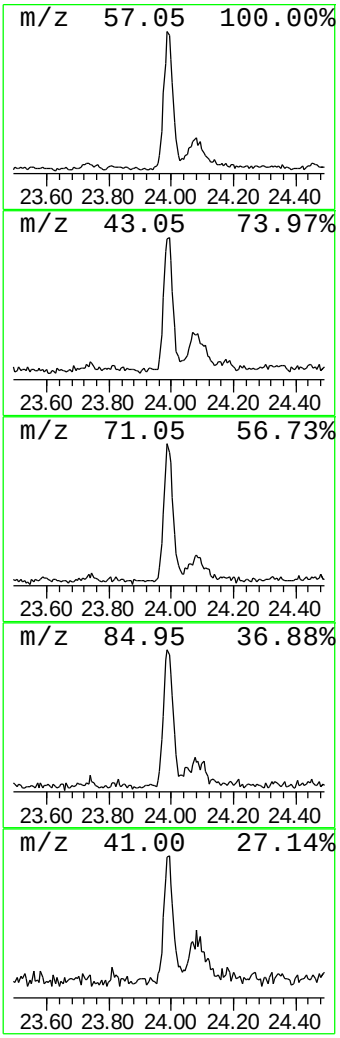
****

Peak Number 10 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.60 ng	77835	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Octacosane	394	C28H58	000630-02-4	97
3	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	95
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
Data File : BP001611.D
Acq On : 15 Jan 2020 16:17
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FESB-33-(3.5-4)

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
Butane, 2-methoxy...	2.95	18.6	ng	198008	1	7.63	212761	20.0
2-Pentanone, 4-hy...	4.80	14.4	ng	153094	1	7.63	212761	20.0
unknown7.18	7.18	72.1	ng	767374	1	7.63	212761	20.0
9-Tricosene, (Z)-	20.90	6.8	ng	162816	5	21.15	477471	20.0
Octacosane	22.24	2.2	ng	52400	5	21.15	477471	20.0
Squalene	22.36	3.0	ng	65619	6	23.37	432963	20.0
Tetracosane	22.75	3.5	ng	76780	6	23.37	432963	20.0
Heptacosane	23.99	3.6	ng	77835	6	23.37	432963	20.0