LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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	2.899	14	19	28	rBV	202277	392321	13.49%	2.386%
2	2.975	28	32	51	rVB	125329	214560	7.38%	1.305%
3	4.828	342	347	358	rVB	155610	227345	7.82%	1.382%
4	5.287	419	425	435	rBV	713018	1043682	35.90%	6.347%
5	6.858	684	692	705	rBV	853261	1351158	46.48%	8.216%
6	7.205	742	751	762	rBV	778580	1240188	42.66%	7.541%
7	7.658	821	828	835	rBV	138719	213313	7.34%	1.297%
8	7.975	875	882	891	rVB	599351	930099	31.99%	5.656%
9	8.805	1013	1023	1033	rBV	544418	859814	29.58%	5.228%
10	10.434	1290	1300	1310	rBV	174935	292815	10.07%	1.781%
11	12.922	1716	1723	1731	rVB	1290658	1820363	62.62%	11.069%
12	13.769	1860	1867	1873	rBV	50491	70767	2.43%	0.430%
13	14.298	1951	1957	1966	rBV	292037	427645	14.71%	2.600%
14	15.798	2202	2212	2228	rBV	1213520	1762217	60.62%	10.716%
15	17.063	2420	2427	2433	rBV	400453	578950	19.91%	3.521%
16	17.992	2580	2585	2593	rBV	70877	110568	3.80%	0.672%
17	18.969	2746	2751	2758	rBV	19599	35118	1.21%	0.214%
18	19.092	2767	2772	2774	rBV3	37434	54422	1.87%	0.331%
19	19.122	2774	2777	2789	rVV2	169511	283231	9.74%	1.722%
20	19.239	2793	2797	2808	rVB2	57750	79235	2.73%	0.482%
21	19.651	2861	2867	2873	rBV	2436461	2907205	100.00%	17.678%
22	20.286	2971	2975	2979	rBV2	39506	57617	1.98%	0.350%
23	20.916	3078	3082	3086	rBV2	80463	102796	3.54%	0.625%
24	21.163	3119	3124	3134	rBV2	539462	660516	22.72%	4.017%
25	21.351	3153	3156	3159	rBV2	35135	36743	1.26%	0.223%
26	21.792	3228	3231	3236	rVB2	38007	49807	1.71%	0.303%
27	22.263	3308	3311	3316	rVB2	39778	52263	1.80%	0.318%
28	23.410	3500	3506	3512	rVB	312751	590142	20.30%	3.589%

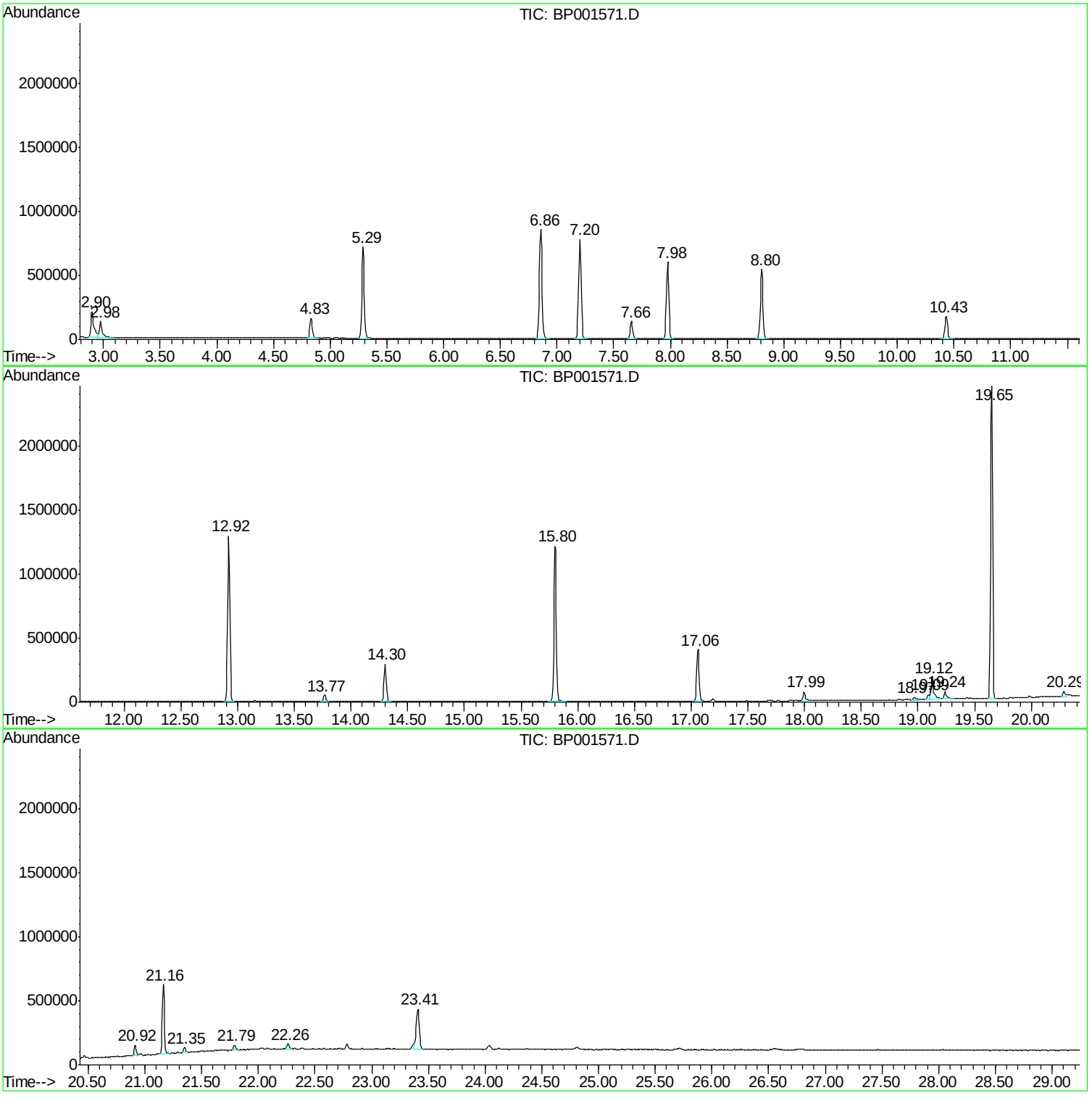
Sum of corrected areas: 16444900

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

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\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

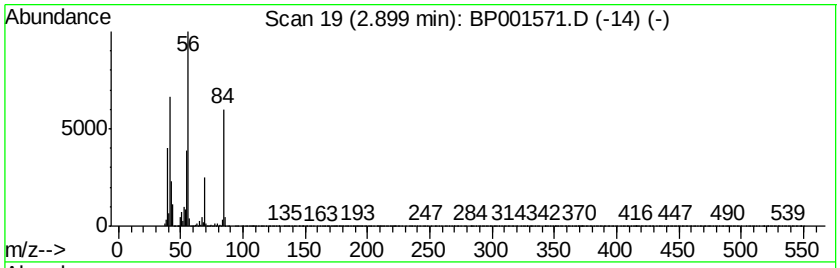
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

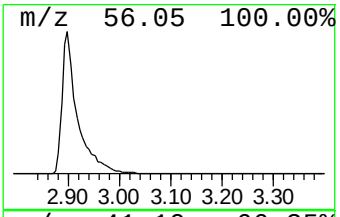
****

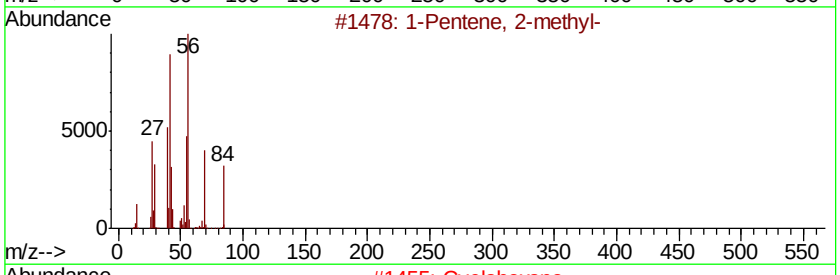
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

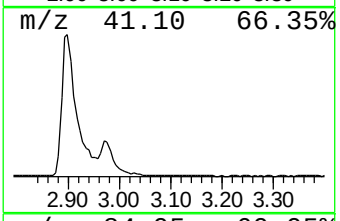
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	36.78 ng	392321	1,4-Dichlorobenzene-d4	7.66

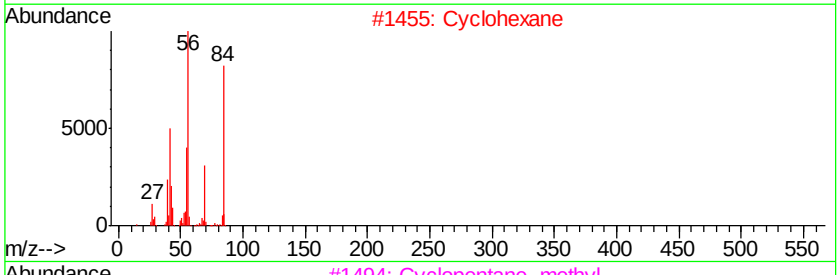
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
2	Cyclohexane	84	C6H12	000110-82-7	81
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	47
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	38
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	35

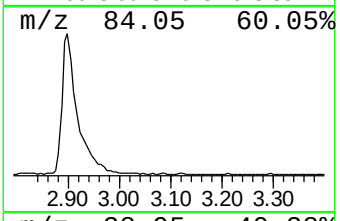


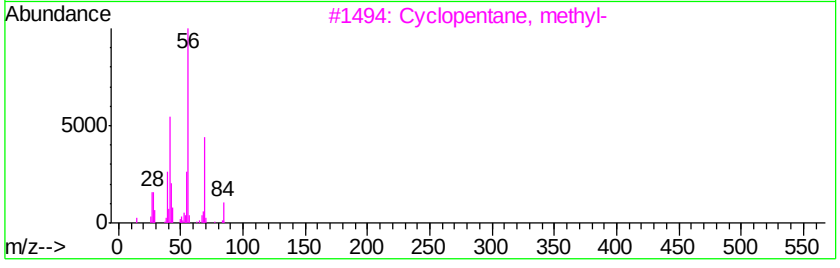


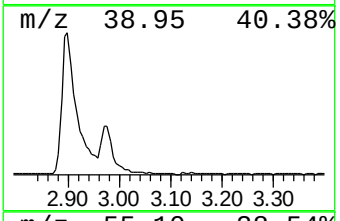


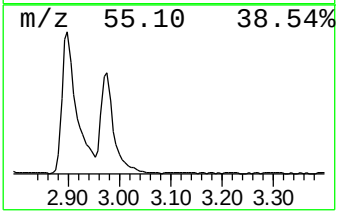












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

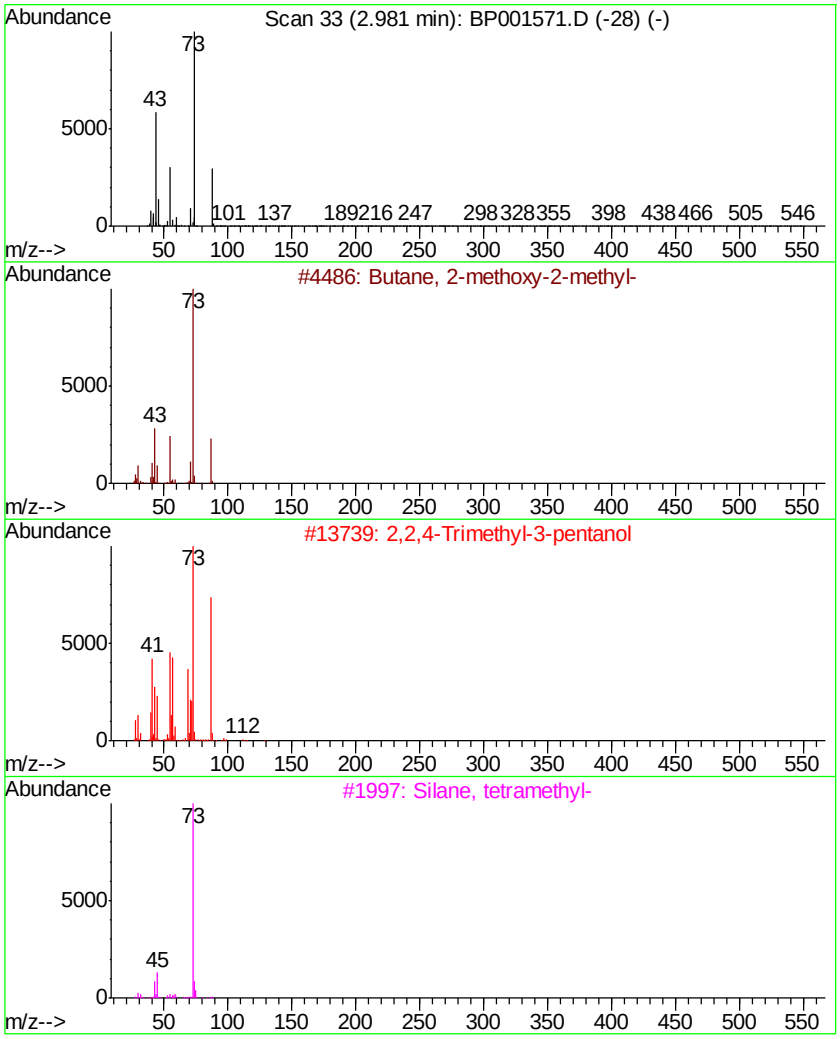
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

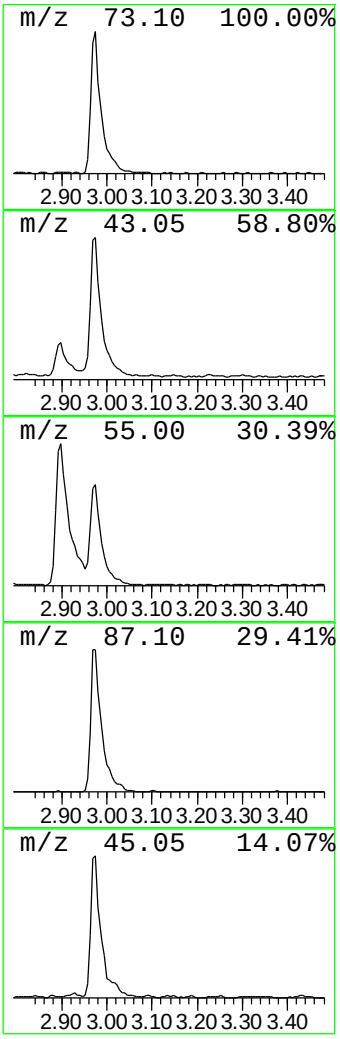
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	20.12 ng	214560	1,4-Dichlorobenzene-d4	7.66

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

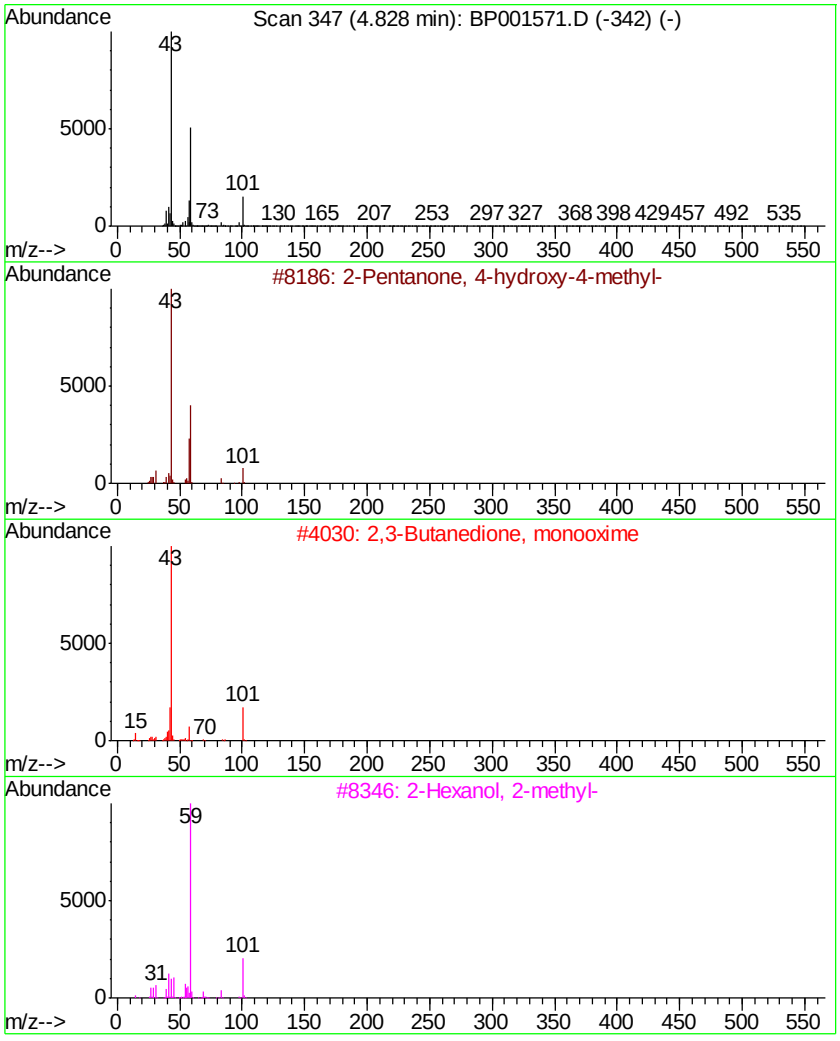
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

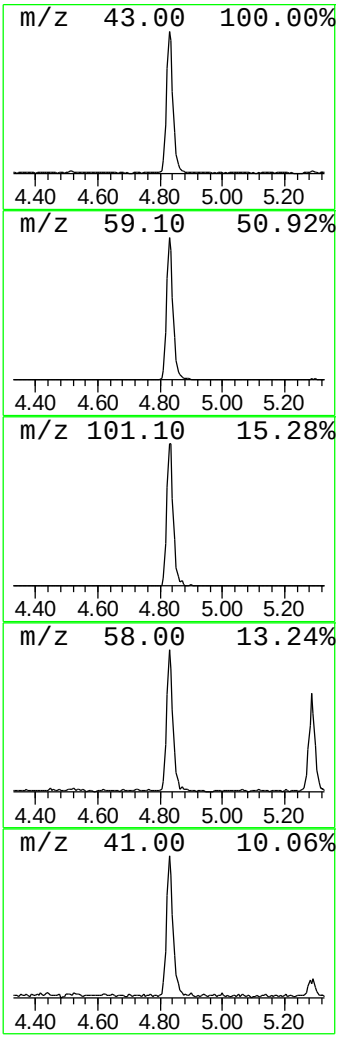
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	21.32 ng	227345	1,4-Dichlorobenzene-d4	7.66

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	27
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

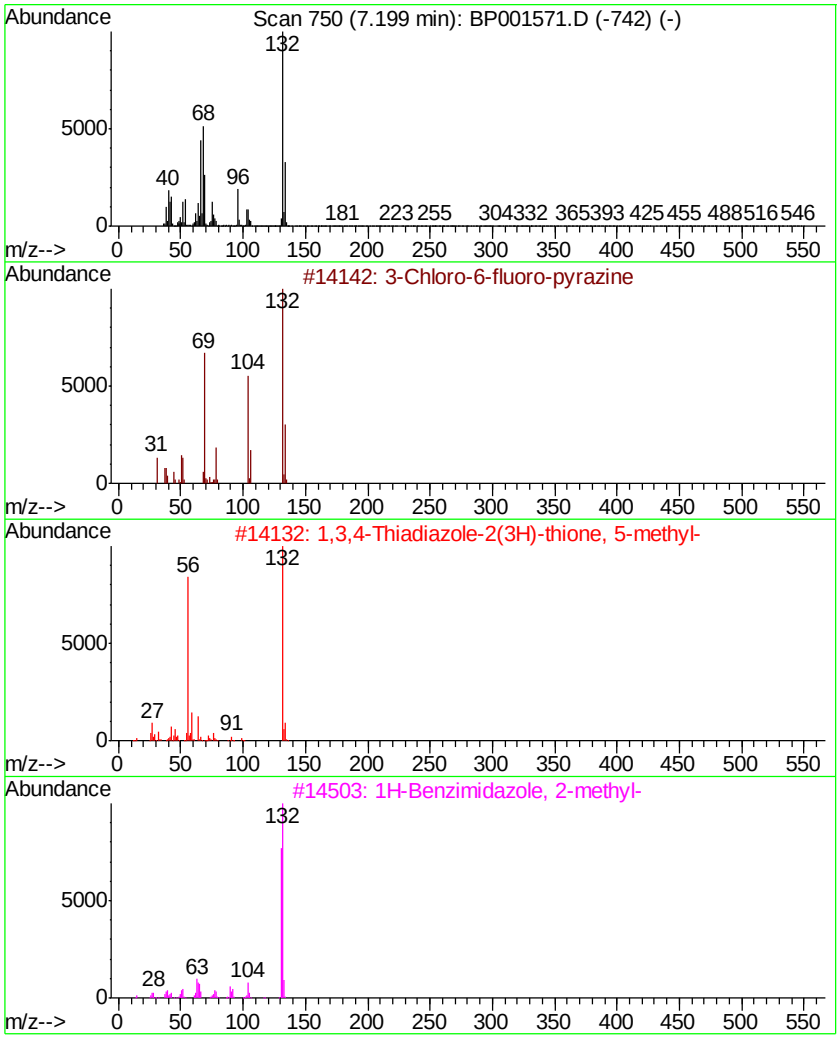
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

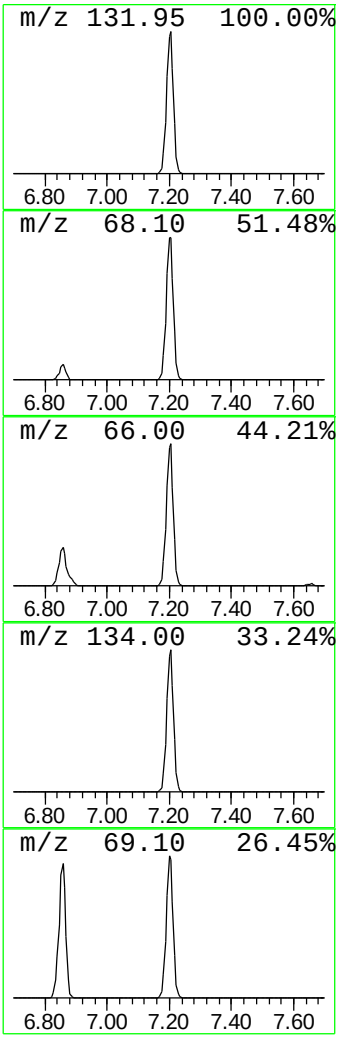
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	116.28 ng	1240190	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	1H-Indenol	132	C9H8O	056631-57-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

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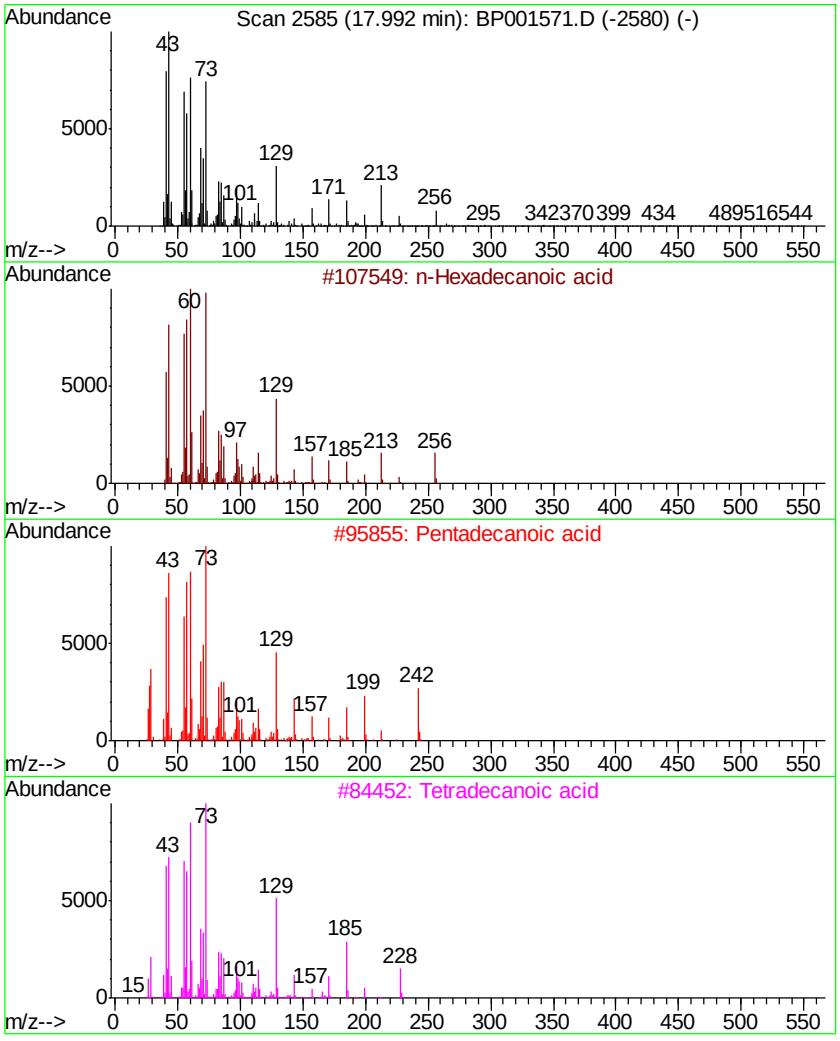
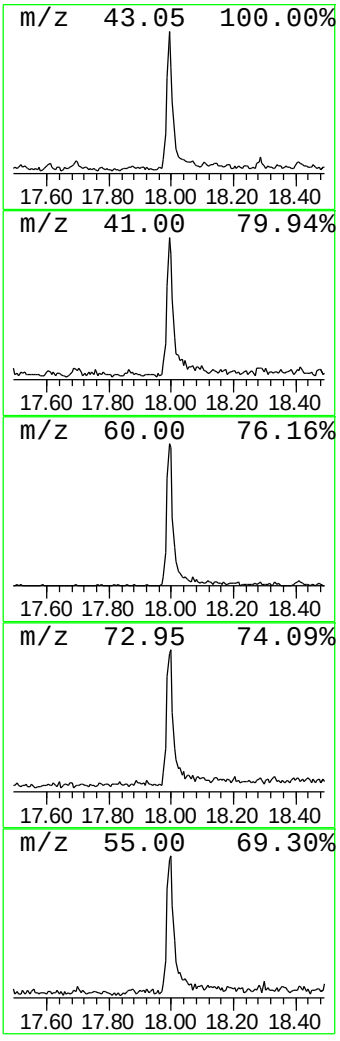
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.82 ng	110568	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

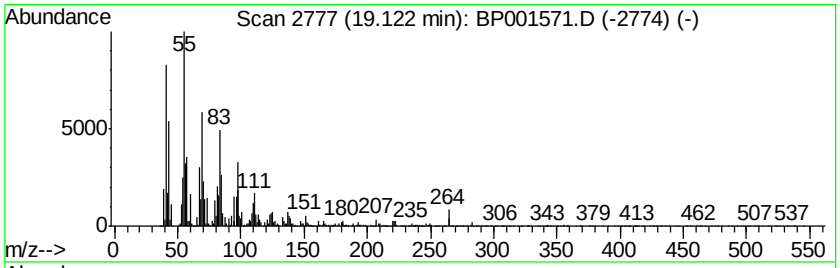
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

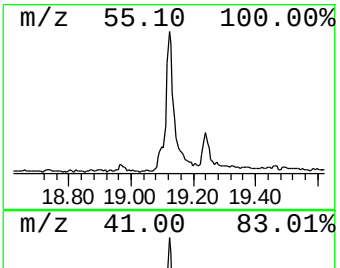
****

Peak Number 7 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	8.58 ng	283231	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96
3	22-Tricosenoic acid	352	C23H44O2	065119-95-1	95
4	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
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Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

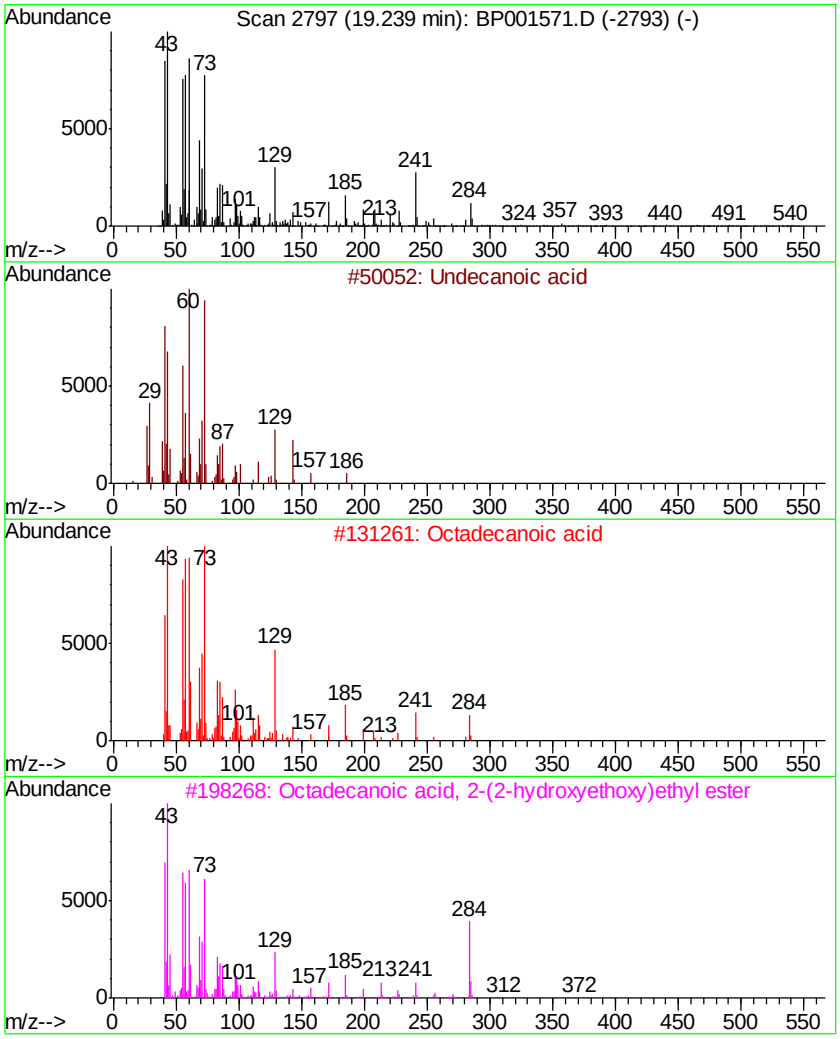
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

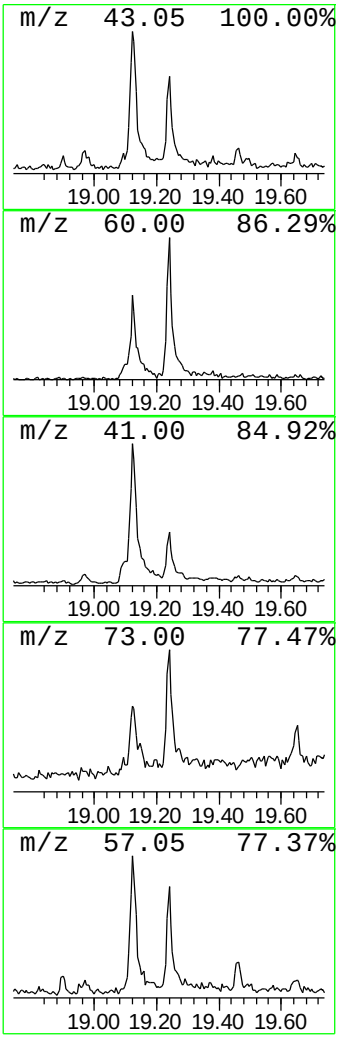
****

Peak Number 8 Undecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.40 ng	79235	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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

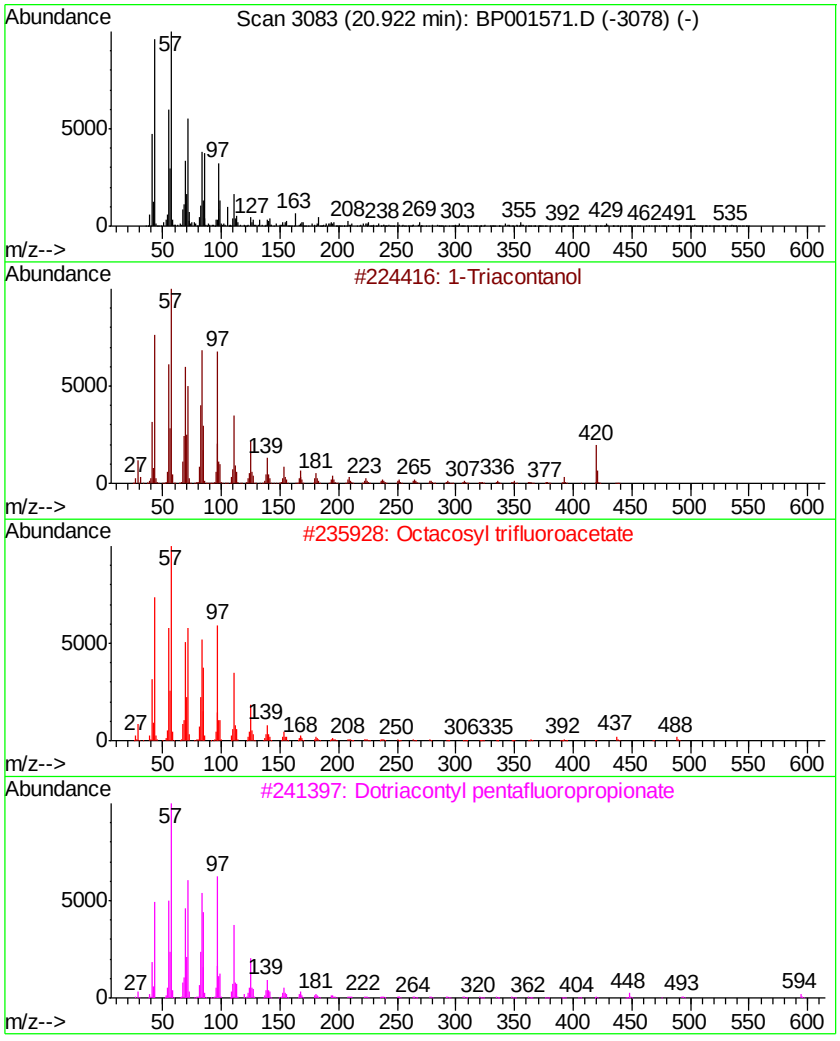
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

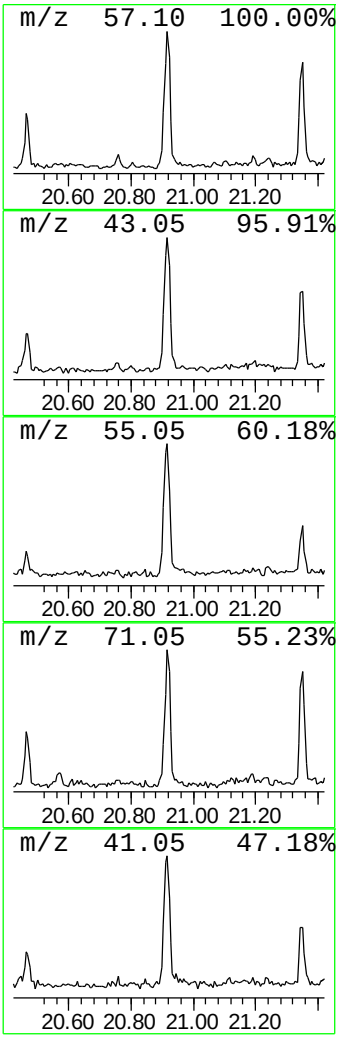
****

Peak Number 9 1-Triacontanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.11 ng	102796	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	90
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	86
4	9-Hexacosene	364	C26H52	071502-22-2	86
5	Octacosyl acetate	452	C30H60O2	018206-97-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010820\
Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3F-(8.5-10.5)

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-	2.90	36.8	ng	392321	1	7.66	213313	20.0
Butane, 2-methoxy...	2.98	20.1	ng	214560	1	7.66	213313	20.0
2-Pentanone, 4-hy...	4.83	21.3	ng	227345	1	7.66	213313	20.0
unknown7.20	7.20	116.3	ng	1240190	1	7.66	213313	20.0
n-Hexadecanoic acid	17.99	3.8	ng	110568	4	17.06	578950	20.0
9-Octadecenoic ac...	19.12	8.6	ng	283231	5	21.16	660516	20.0
Undecanoic acid	19.24	2.4	ng	79235	5	21.16	660516	20.0
1-Triacontanol	20.92	3.1	ng	102796	5	21.16	660516	20.0