LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001567.D
Acq On : 08 Jan 2020 23:40
Operator : JU
Sample : L1051-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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	2.975	28	32	45	rVB	75886	115369	3.49%	0.806%
2	4.834	342	348	361	rVB	195886	294223	8.91%	2.057%
3	5.287	419	425	437	rVB	380026	560672	16.98%	3.919%
4	6.858	683	692	703	rBV	743018	1213351	36.74%	8.481%
5	7.205	743	751	762	rVB	585560	931561	28.21%	6.511%
6	7.658	819	828	836	rBV	139315	220888	6.69%	1.544%
7	7.975	873	882	891	rBV	546393	867872	26.28%	6.066%
8	8.805	1013	1023	1032	rBV	482972	791540	23.97%	5.533%
9	10.434	1291	1300	1309	rBV	184926	309745	9.38%	2.165%
10	12.922	1717	1723	1732	rVB	1216050	1760665	53.31%	12.307%
11	13.769	1862	1867	1873	rBV	128218	168205	5.09%	1.176%
12	14.304	1951	1958	1964	rBV	306014	464637	14.07%	3.248%
13	15.798	2206	2212	2220	rBV	556098	767094	23.23%	5.362%
14	16.092	2254	2262	2271	rBV	42143	71507	2.17%	0.500%
15	16.922	2398	2403	2411	rVB	33038	50951	1.54%	0.356%
16	17.063	2421	2427	2432	rBV	436058	617254	18.69%	4.314%
17	17.992	2581	2585	2591	rBV3	33895	45103	1.37%	0.315%
18	19.433	2826	2830	2833	rBV	45985	56832	1.72%	0.397%
19	19.651	2861	2867	2872	rBV	2727825	3302550	100.00%	23.084%
20	20.916	3079	3082	3088	rVB2	72492	94964	2.88%	0.664%
21	21.163	3119	3124	3129	rBV	586238	756253	22.90%	5.286%
22	21.786	3228	3230	3236	rVB2	35674	44233	1.34%	0.309%
23	22.392	3330	3333	3337	rVB	52184	67648	2.05%	0.473%
24	23.398	3499	3504	3515	rVB2	376364	733517	22.21%	5.127%

Sum of corrected areas: 14306634

LSC Report - Integrated Chromatogram

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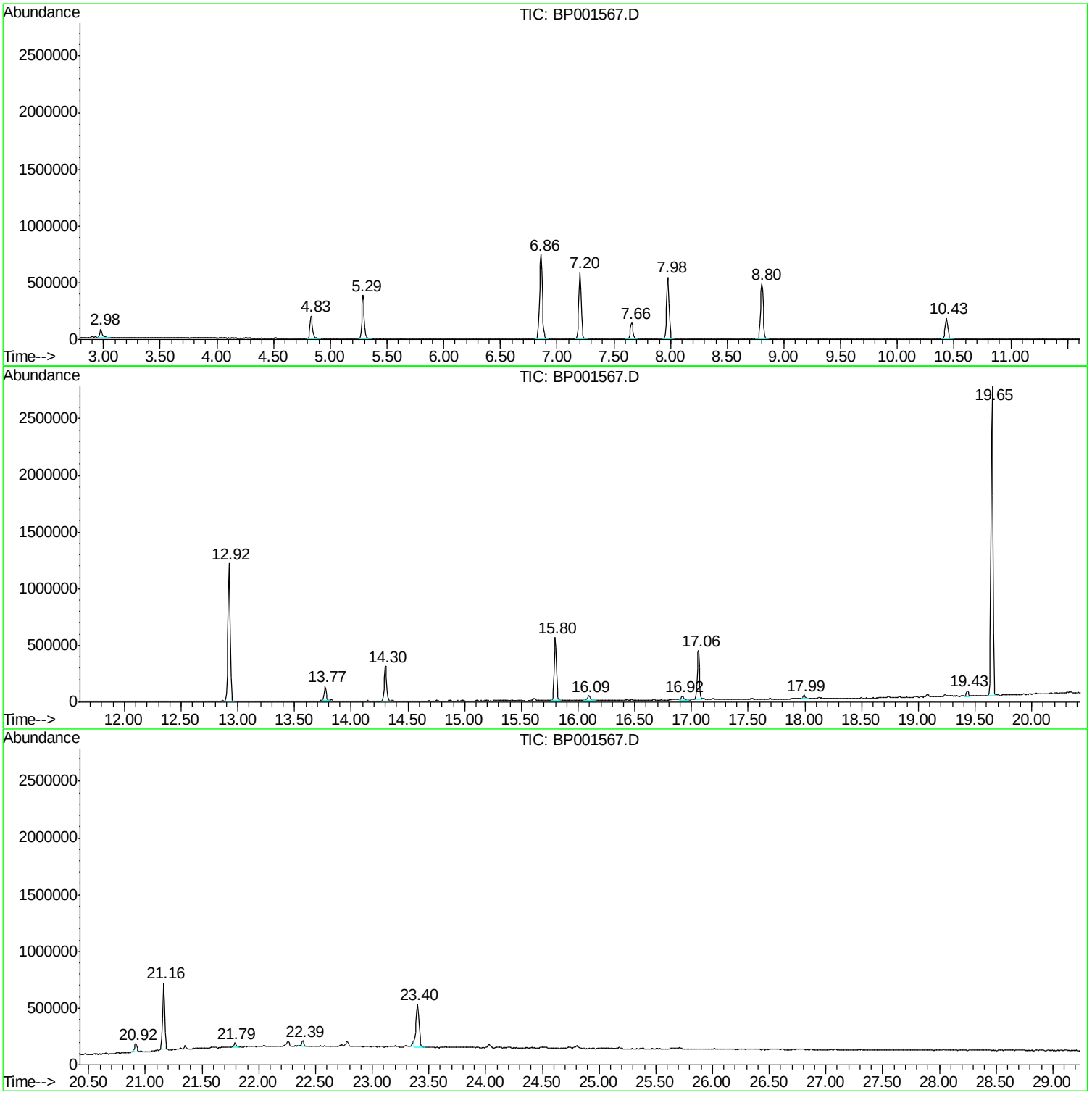
Operator : JU
Sample : L1051-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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\BP010820\
Data File : BP001567.D
Acq On : 08 Jan 2020 23:40
Operator : JU
Sample : L1051-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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

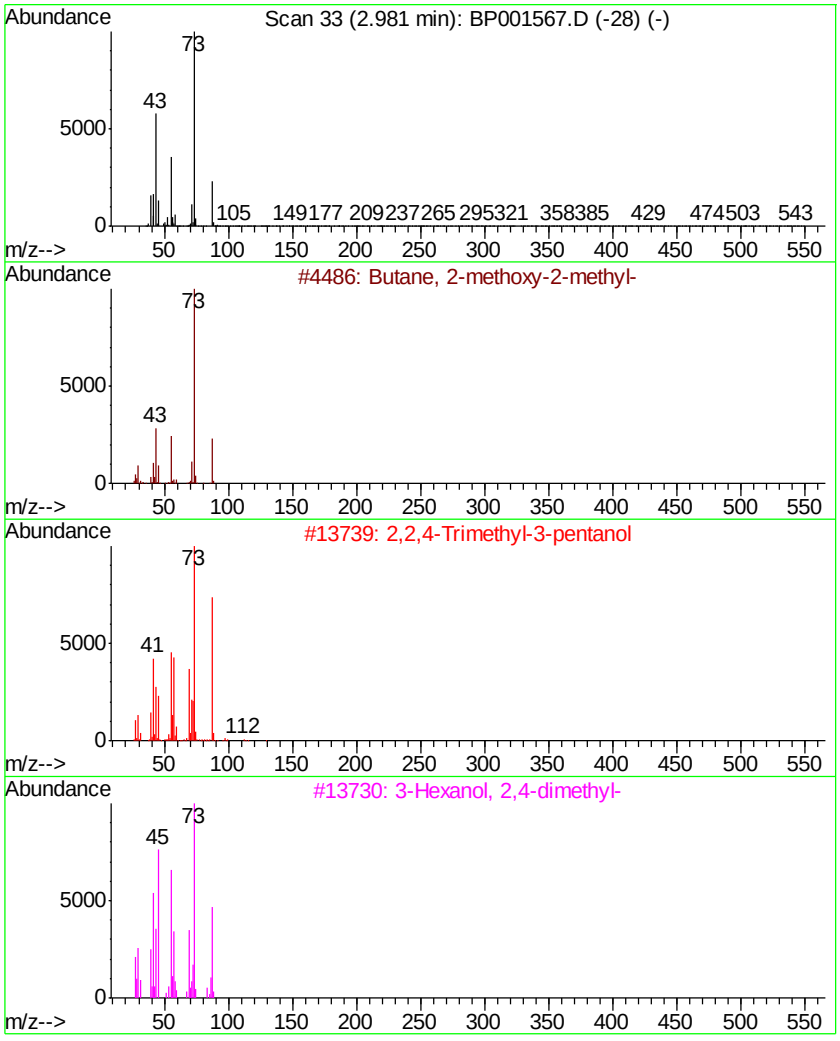
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

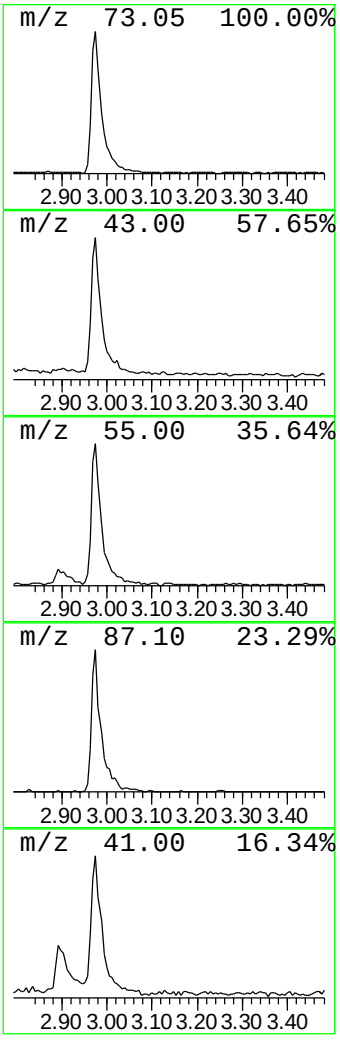
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	10.45 ng	115369	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	40
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001567.D
Acq On : 08 Jan 2020 23:40
Operator : JU
Sample : L1051-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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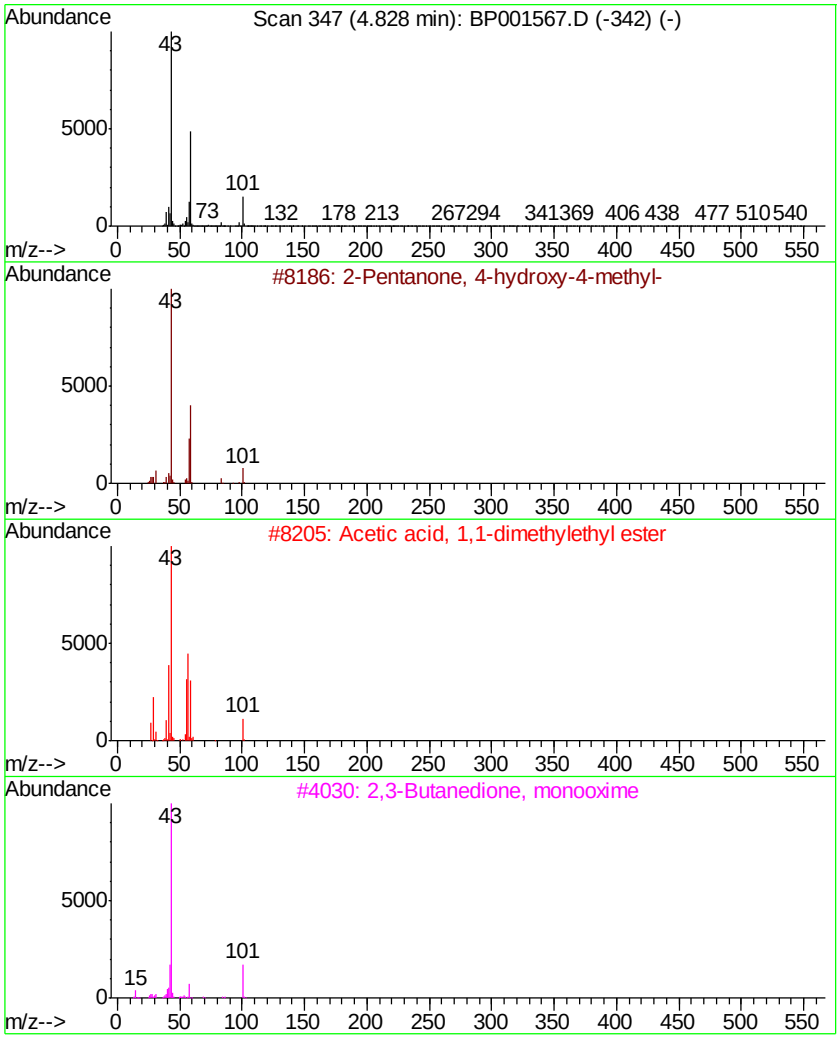
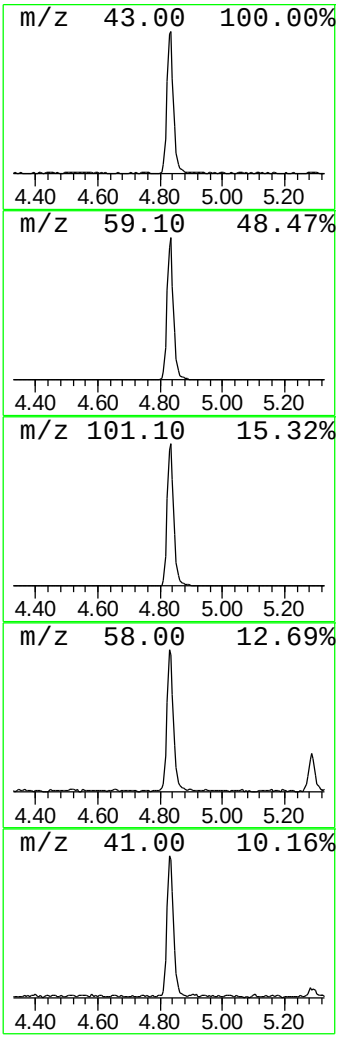
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	26.64 ng	294223	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001567.D
Acq On : 08 Jan 2020 23:40
Operator : JU
Sample : L1051-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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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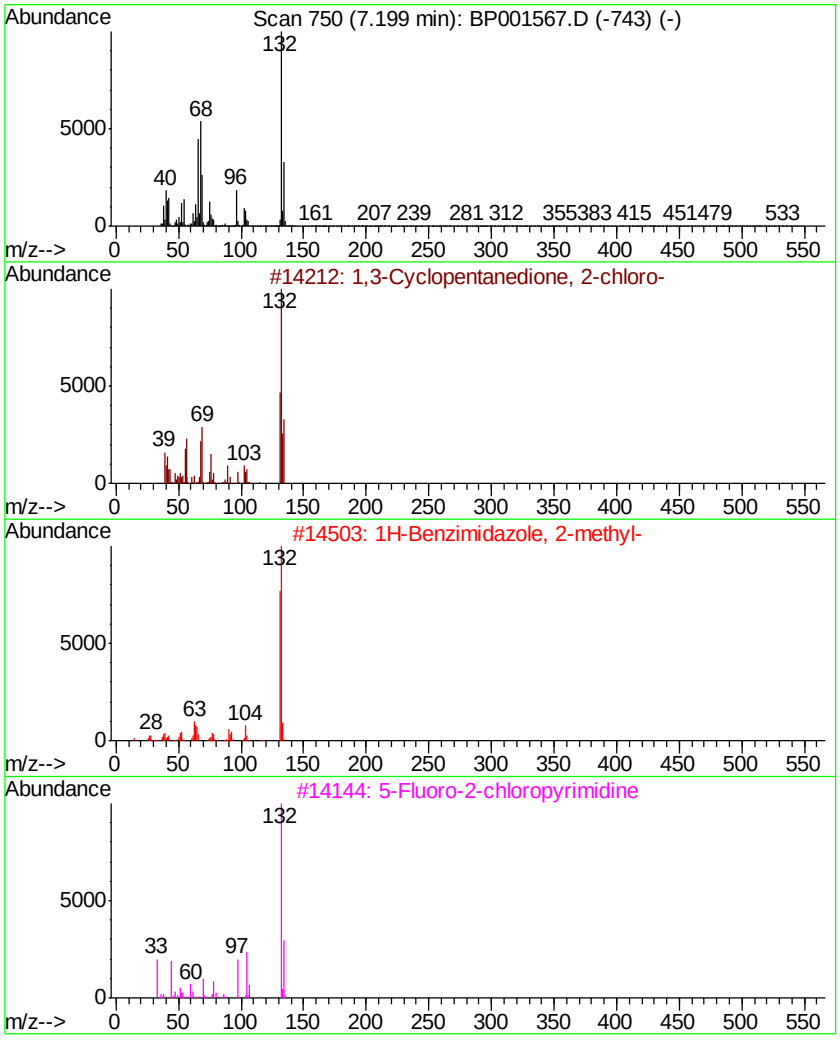
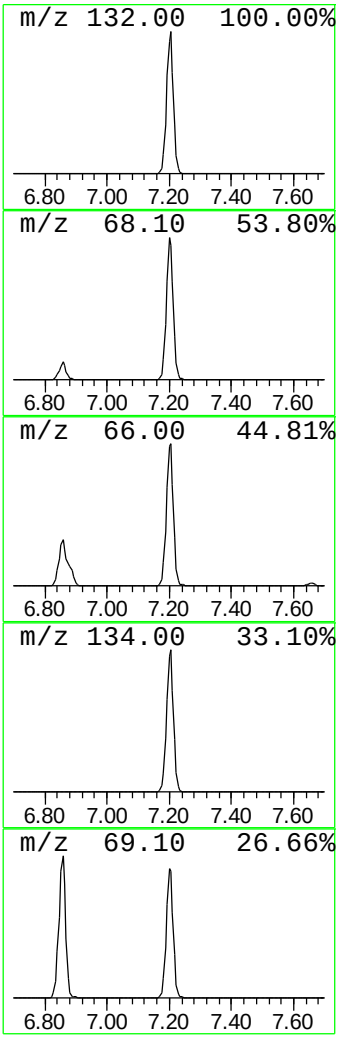
Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	84.35 ng	931561	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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

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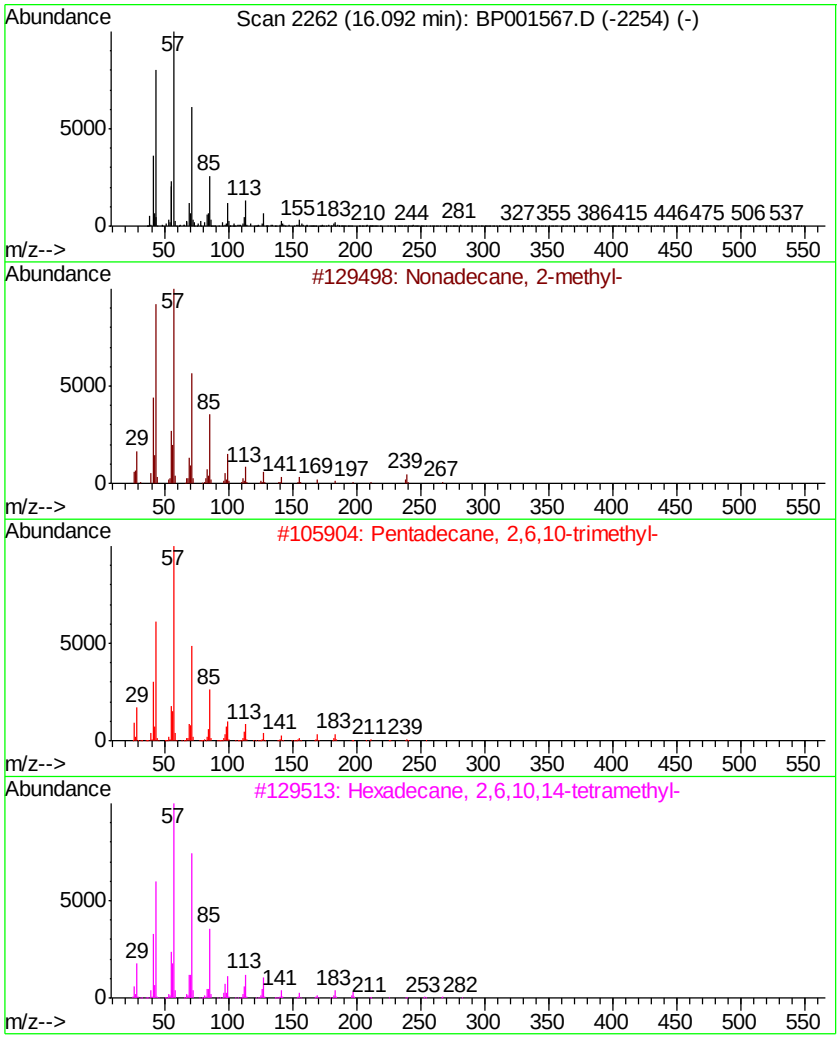
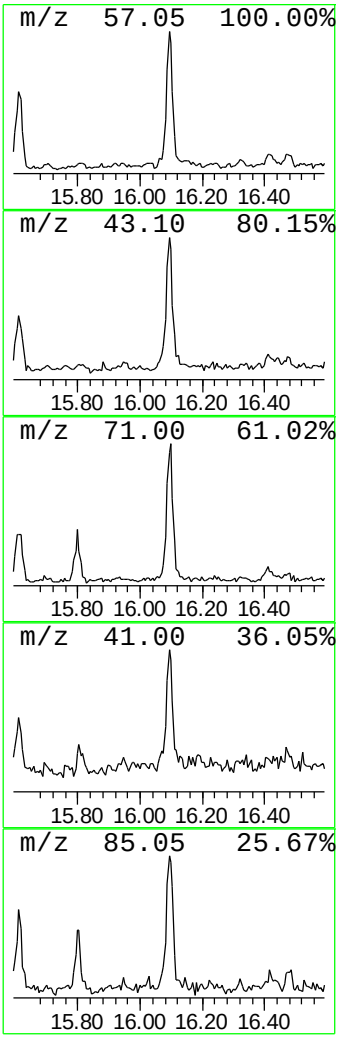
Peak Number 5 Nonadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.32 ng	71507	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
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Acq On : 08 Jan 2020 23:40
Operator : JU
Sample : L1051-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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

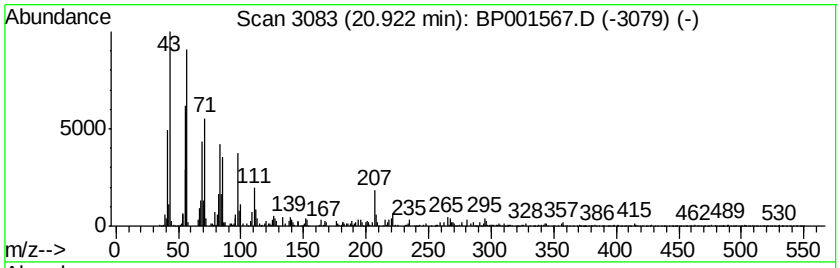
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

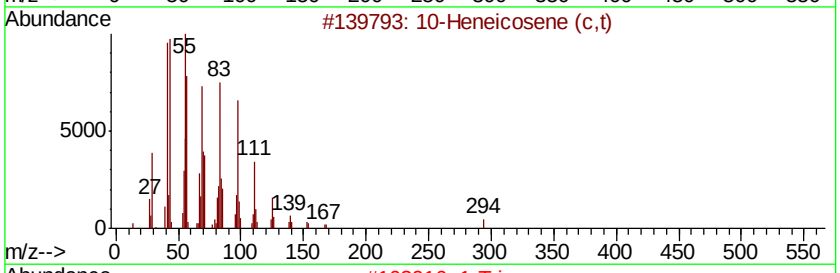
****

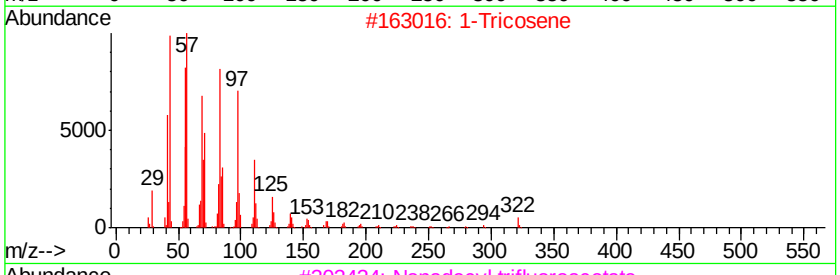
Peak Number 6 10-Heneicosene (c,t) Concentration Rank 5

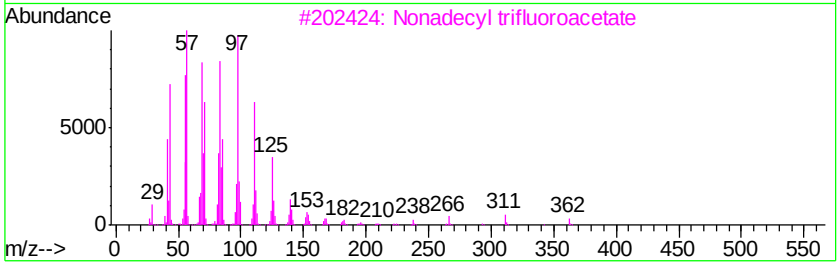
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.51 ng	94964	Chrysene-d12	21.16

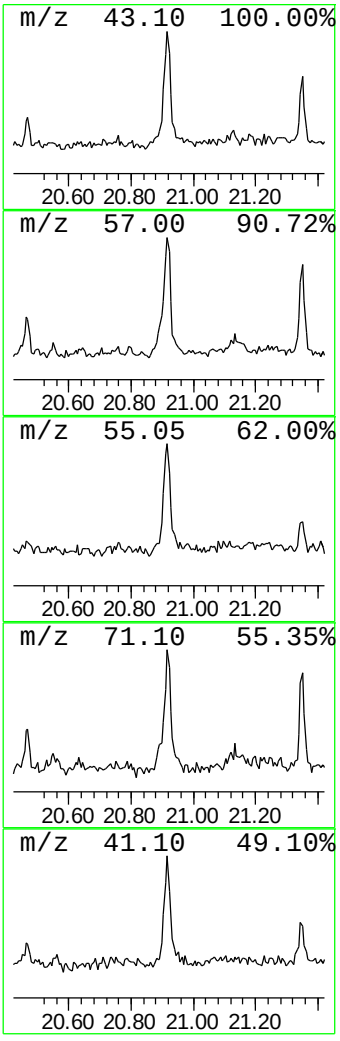
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
2	1-Tricosene	322	C23H46	018835-32-0	91
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
4	1-Octadecanethiol	286	C18H38S	002885-00-9	83
5	Cyclotetracosane	336	C24H48	000297-03-0	76











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010820\
Data File : BP001567.D
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Operator : JU
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Misc :
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Instrument : BNA_P
ClientSampleId : SB-4G-(16-18)

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...	2.98	10.4	ng	115369	1	7.66	220888	20.0
2-Pentanone, 4-hy...	4.83	26.6	ng	294223	1	7.66	220888	20.0
unknown7.20	7.20	84.3	ng	931561	1	7.66	220888	20.0
Nonadecane, 2-met...	16.09	2.3	ng	71507	4	17.06	617254	20.0
10-Heneicosene (c,t)	20.92	2.5	ng	94964	5	21.16	756253	20.0