LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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	2.834	3	8	21	rVB	45500	70152	5.24%	0.877%
2	4.705	320	326	337	rBV	457042	638126	47.66%	7.975%
3	5.175	399	406	426	rBV	156576	246881	18.44%	3.085%
4	6.752	667	674	688	rBV	259990	440152	32.88%	5.501%
5	7.552	802	810	818	rBV	79876	124096	9.27%	1.551%
6	7.781	842	849	857	rBV4	13680	21925	1.64%	0.274%
7	7.869	857	864	874	rVB	249751	387174	28.92%	4.839%
8	8.699	996	1005	1018	rBV	224517	369976	27.63%	4.624%
9	9.040	1056	1063	1071	rBV	182206	302492	22.59%	3.780%
10	10.328	1275	1282	1289	rBV	107746	177688	13.27%	2.221%
11	12.822	1700	1706	1718	rBV	529090	774937	57.88%	9.685%
12	13.210	1766	1772	1780	rBV	37427	59924	4.48%	0.749%
13	13.675	1846	1851	1858	rVB	55422	77706	5.80%	0.971%
14	14.210	1934	1942	1949	rBV	194983	288788	21.57%	3.609%
15	15.710	2191	2197	2210	rBV	215304	332526	24.84%	4.156%
16	15.916	2228	2232	2237	rBV4	9014	14160	1.06%	0.177%
17	16.139	2266	2270	2275	rVV6	7187	13764	1.03%	0.172%
18	16.398	2310	2314	2323	rVB8	9182	18405	1.37%	0.230%
19	16.733	2363	2371	2377	rBV6	25882	54434	4.07%	0.680%
20	16.969	2406	2411	2416	rBV	259423	365733	27.32%	4.571%
21	17.010	2416	2418	2423	rVB	17321	22889	1.71%	0.286%
22	17.104	2430	2434	2440	rVB2	16768	23781	1.78%	0.297%
23	18.033	2589	2592	2598	rVB4	9750	14332	1.07%	0.179%
24	18.204	2615	2621	2624	rBV8	10448	23893	1.78%	0.299%
25	18.998	2752	2756	2761	rVB	55446	68091	5.09%	0.851%
26	19.351	2812	2816	2821	rVB	58693	74257	5.55%	0.928%
27	19.410	2822	2826	2834	rVB	40008	80985	6.05%	1.012%
28	19.563	2847	2852	2861	rVB	1174630	1338797	100.00%	16.732%
29	19.839	2897	2899	2905	rVB	16414	21160	1.58%	0.264%
30	19.939	2913	2916	2919	rVB	19028	20137	1.50%	0.252%
31	20.827	3063	3067	3073	rVB3	44729	62646	4.68%	0.783%
32	21.022	3098	3100	3103	rVB	14876	14148	1.06%	0.177%
33	21.080	3104	3110	3114	rVV	362204	485573	36.27%	6.069%
34	21.116	3114	3116	3124	rVB	38118	46726	3.49%	0.584%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

35	21.263	3138	3141	3146	rVB5	16173	19668	1.47%	0.246%
36	21.692	3211	3214	3217	rBV	21716	26099	1.95%	0.326%
37	21.945	3253	3257	3262	rVB	103471	135739	10.14%	1.696%
38	22.151	3289	3292	3296	rVB	21994	26930	2.01%	0.337%
39	22.621	3368	3372	3374	rBV	26882	40287	3.01%	0.503%
40	22.663	3375	3379	3384	rVB2	55349	86314	6.45%	1.079%
41	23.186	3463	3468	3471	rBV	24563	46018	3.44%	0.575%
42	23.280	3478	3484	3499	rVB	264382	505383	37.75%	6.316%
43	23.868	3580	3584	3591	rVB3	20959	38500	2.88%	0.481%

Sum of corrected areas: 8001392

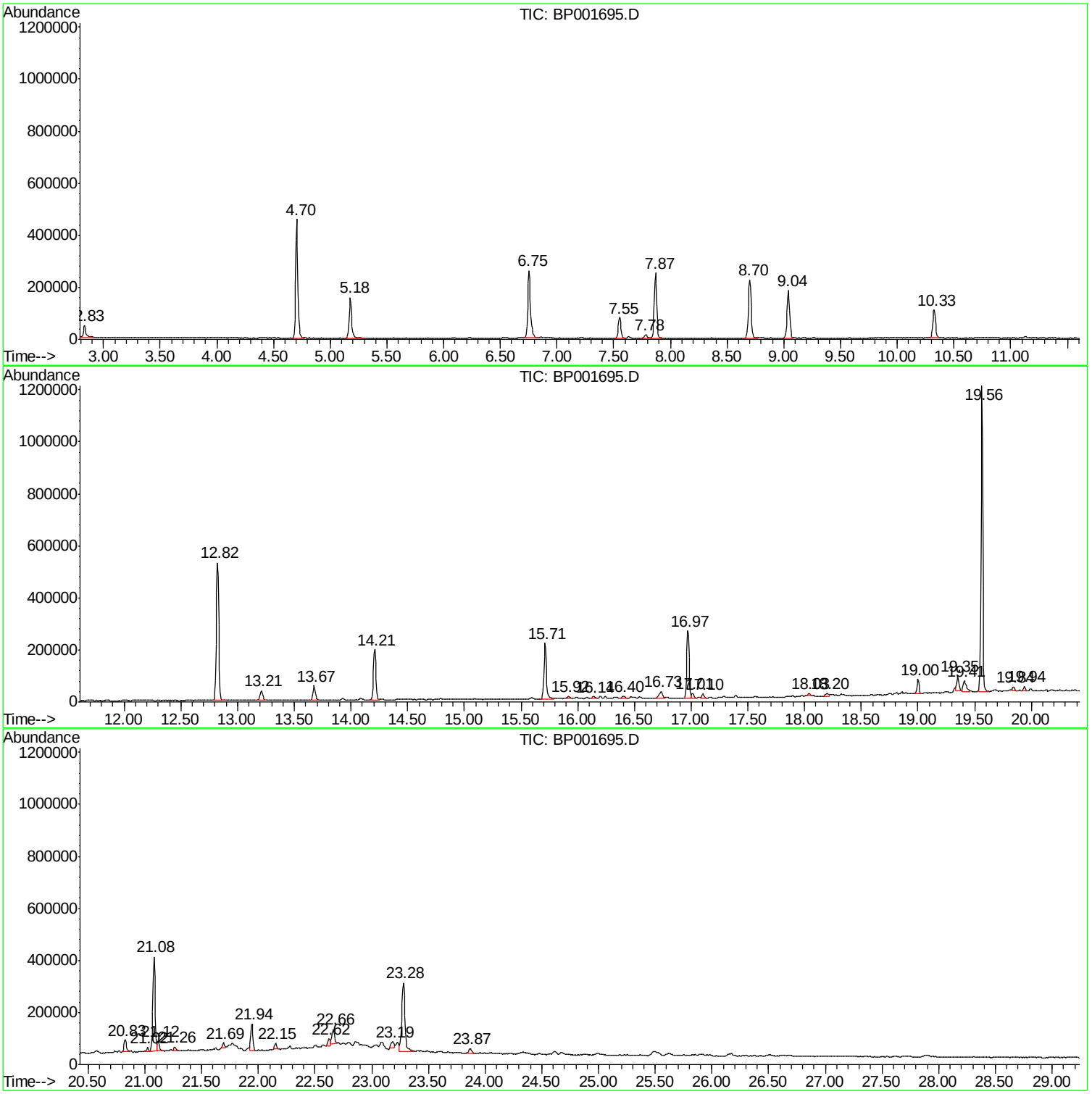
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20200064-AMENDED-COMP-2

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\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

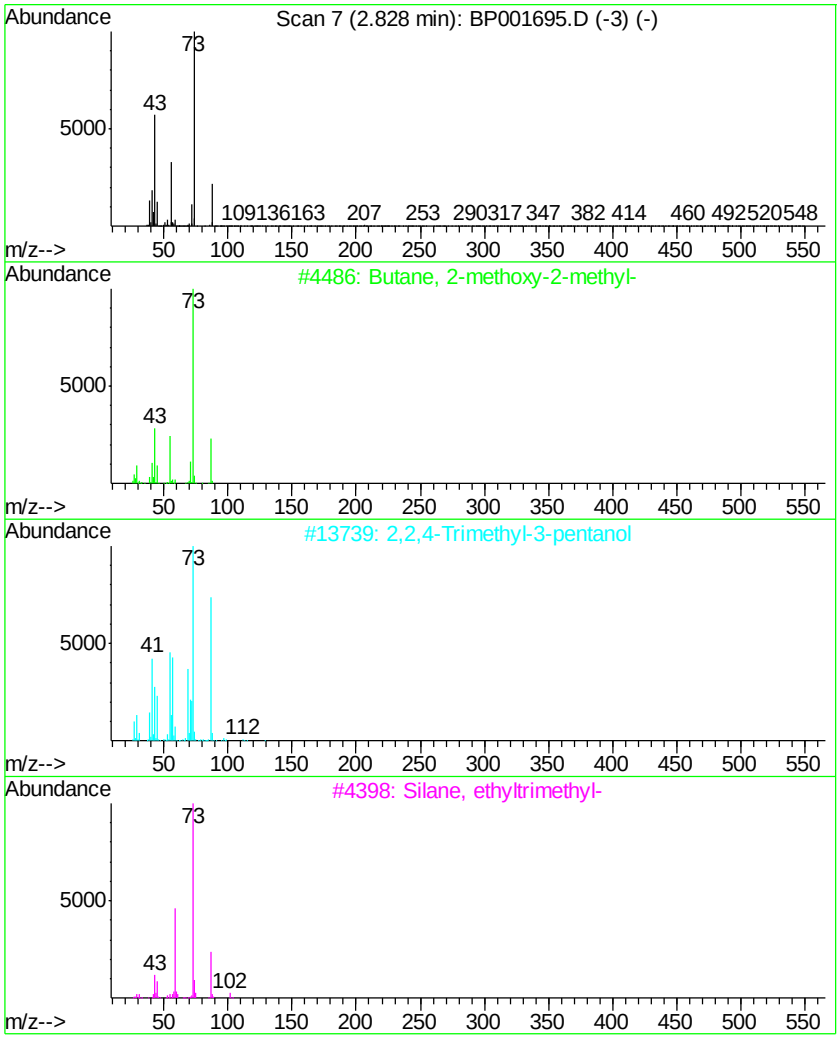
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

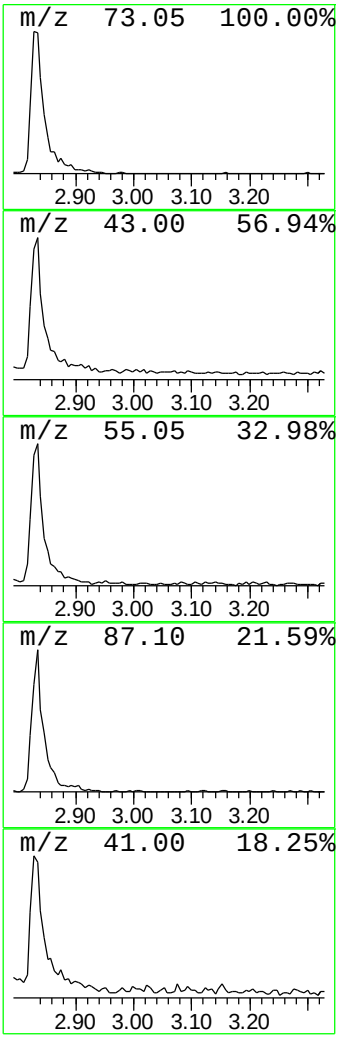
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	11.31 ng	70152	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	33
5	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

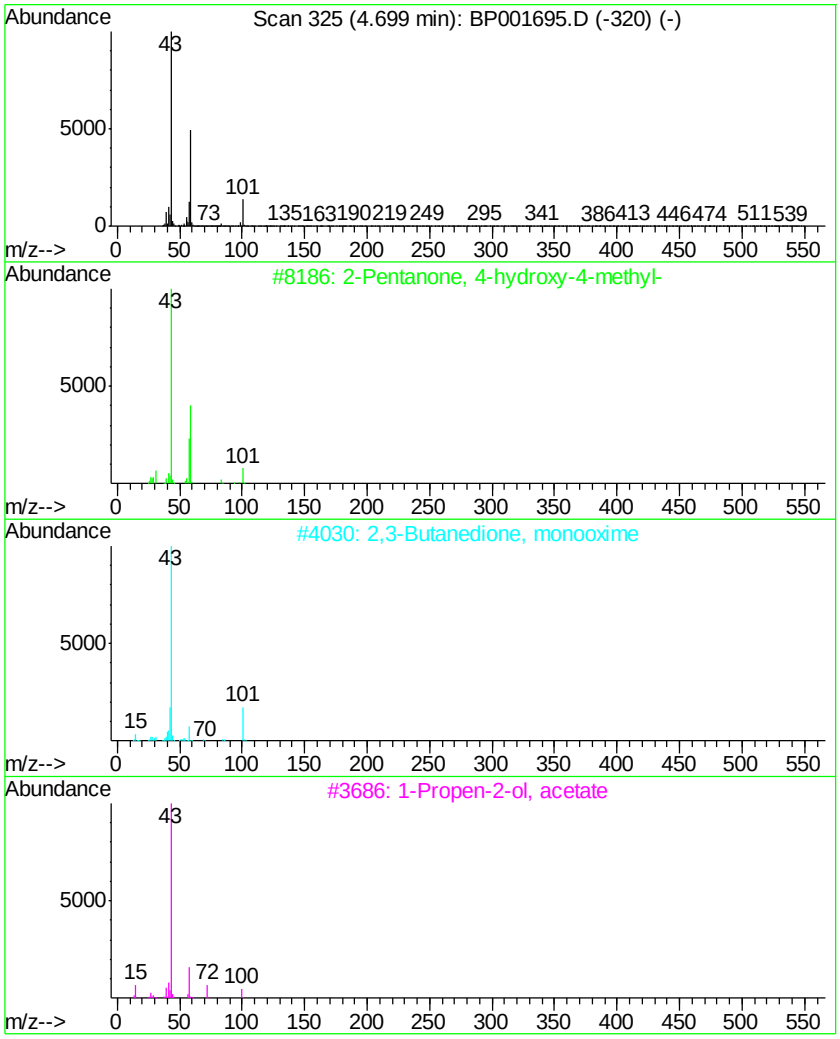
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

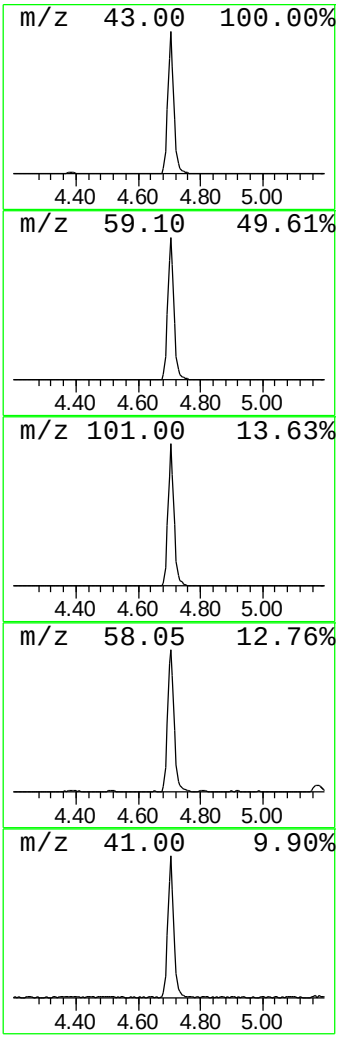
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	102.84 ng	638126	1,4-Dichlorobenzene-d4	7.55

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	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

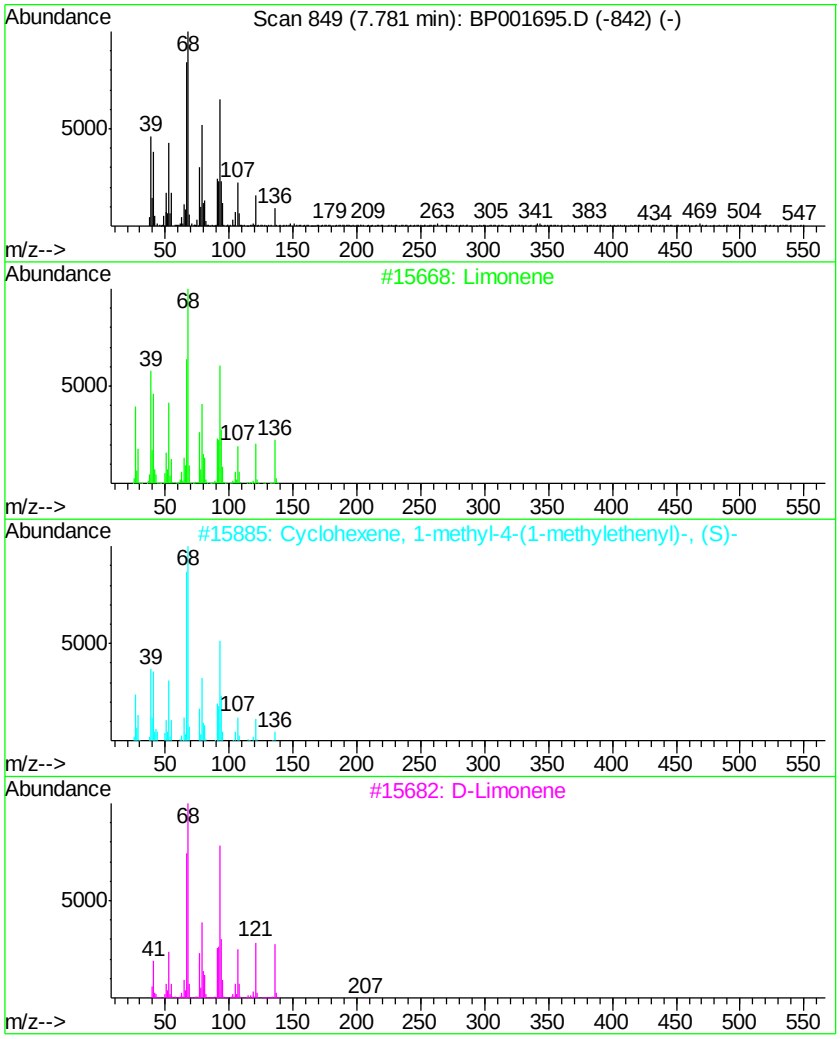
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

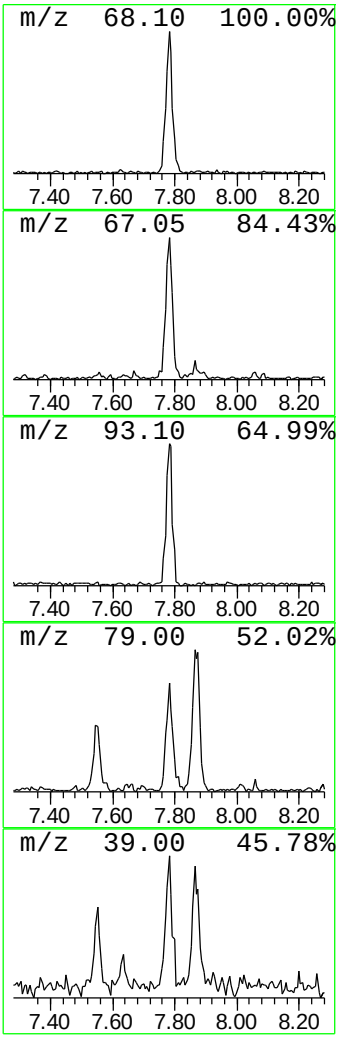
****

Peak Number 3 Limonene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	3.53 ng	21925	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene	136	C10H16	000138-86-3	94
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	93
3	D-Limonene	136	C10H16	005989-27-5	93
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	90
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

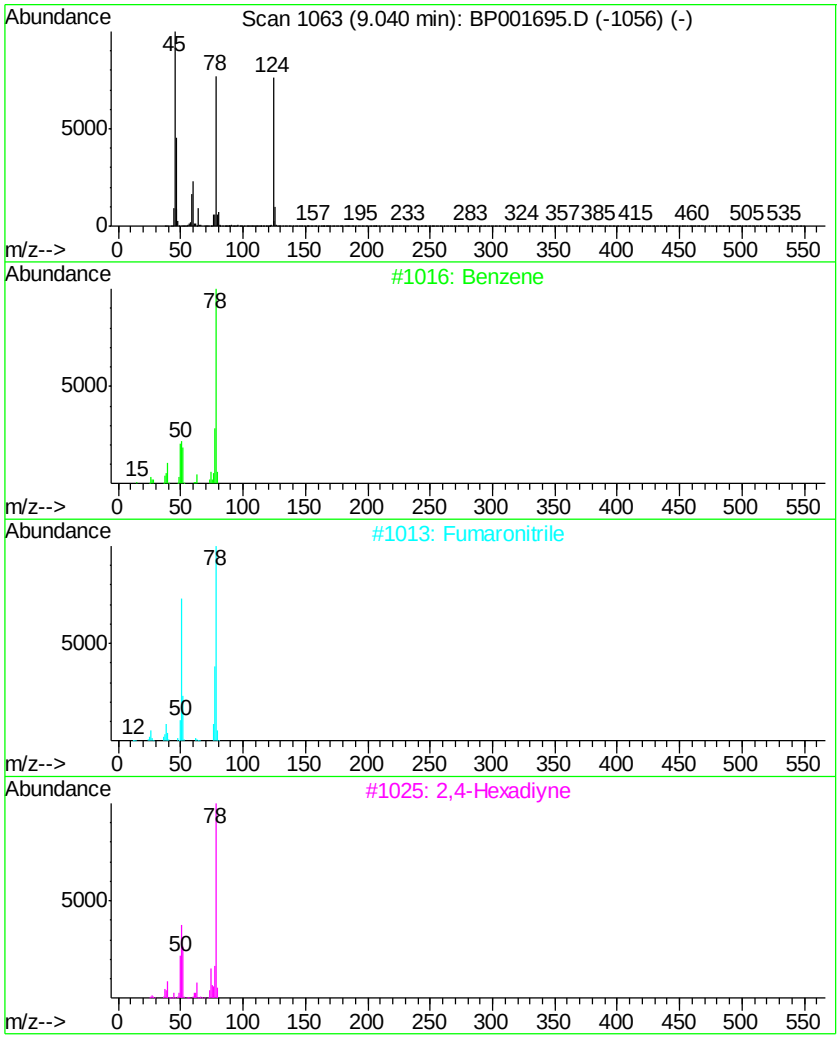
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

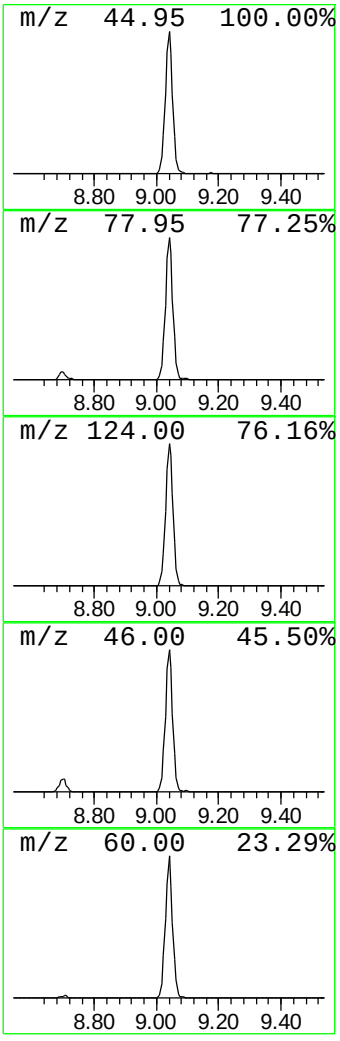
****

Peak Number 5 unknown9.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	34.05 ng	302492	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene	78	C6H6	000071-43-2	9
2	Fumaronitrile	78	C4H2N2	000764-42-1	9
3	2,4-Hexadiyne	78	C6H6	002809-69-0	9
4	1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	9
5	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

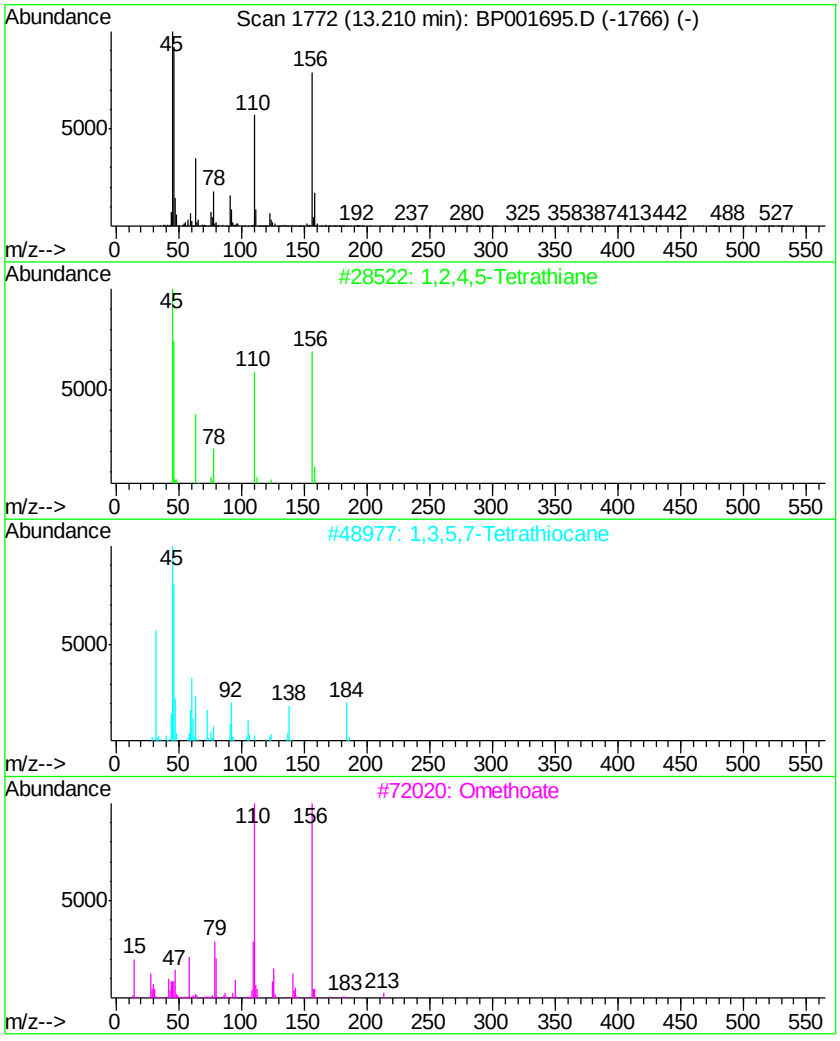
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

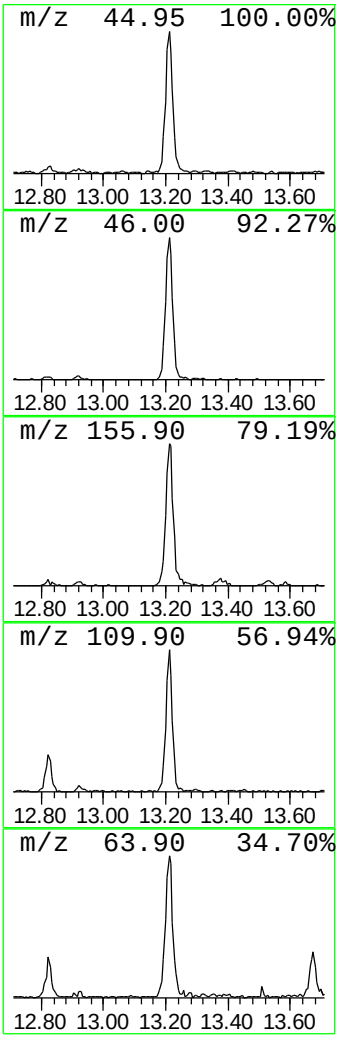
****

Peak Number 6 1,2,4,5-Tetrathiane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.15 ng	59924	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,5-Tetrathiane	156	C2H4S4	000291-22-5	91
2	1,3,5,7-Tetrathiocane	184	C4H8S4	002373-00-4	25
3	Omethoate	213	C5H12NO4PS	001113-02-6	17
4	2,4'-Bipyridine	156	C10H8N2	000581-47-5	9
5	Acetone-D6	64	C3D6O	000666-52-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

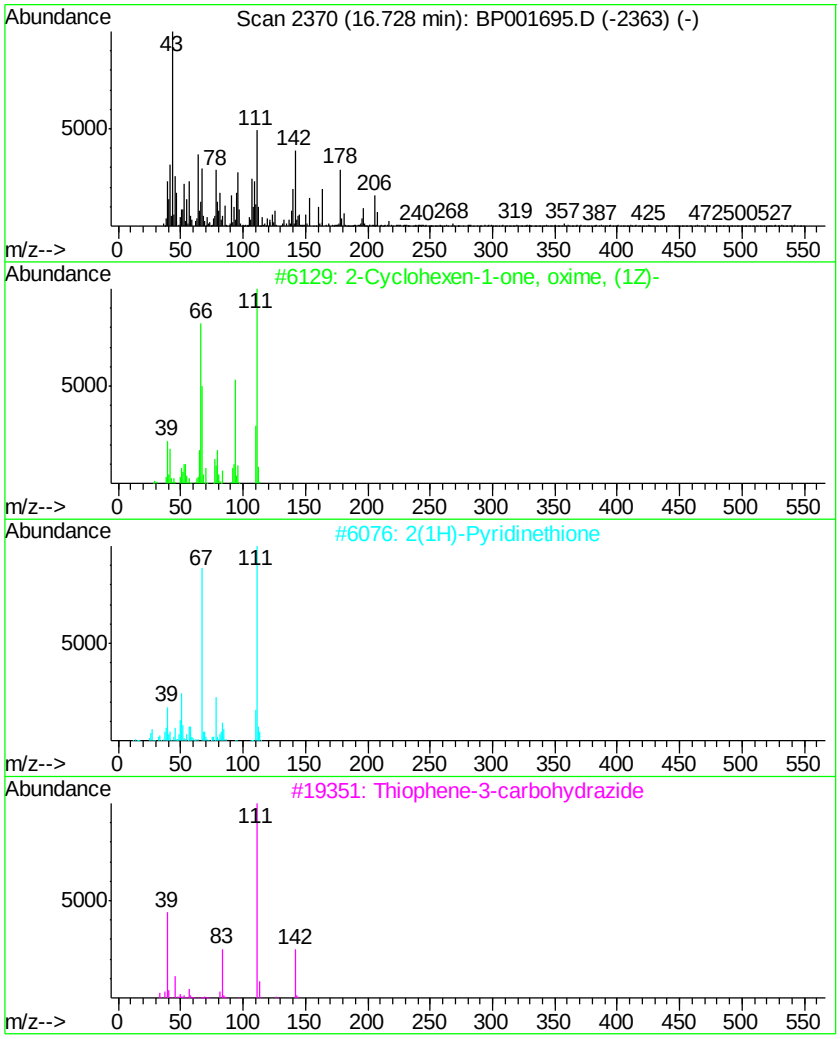
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

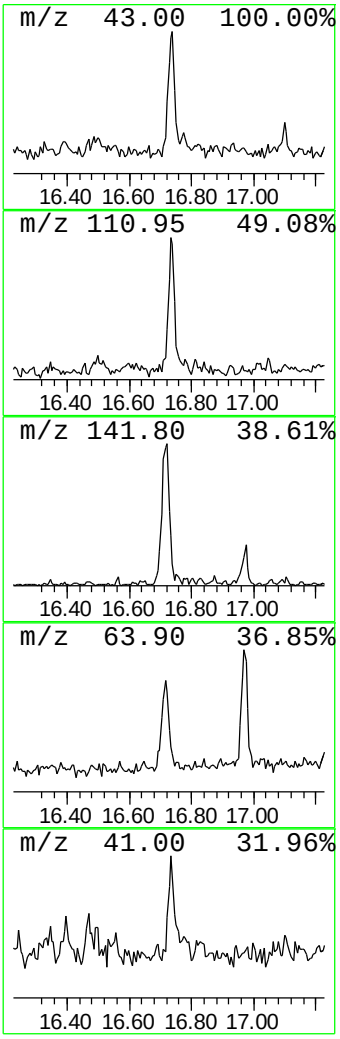
****

Peak Number 7 unknown16.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.98 ng	54434	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, oxime, (1Z)-	111	C6H9NO	1000362-09-7	25
2	2(1H)-Pyridinethione	111	C5H5NS	002637-34-5	25
3	Thiophene-3-carbohydrazide	142	C5H6N2OS	039001-23-5	22
4	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	22
5	2-Butynedioic acid, dimethyl ester	142	C6H6O4	000762-42-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

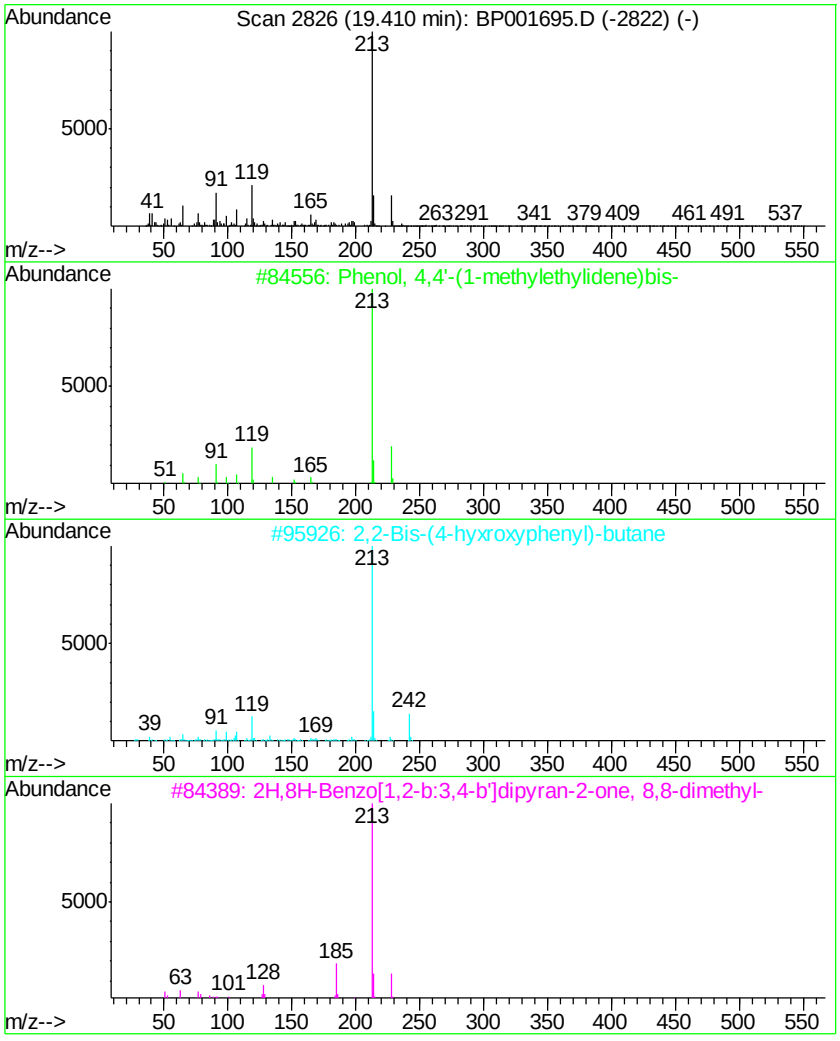
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

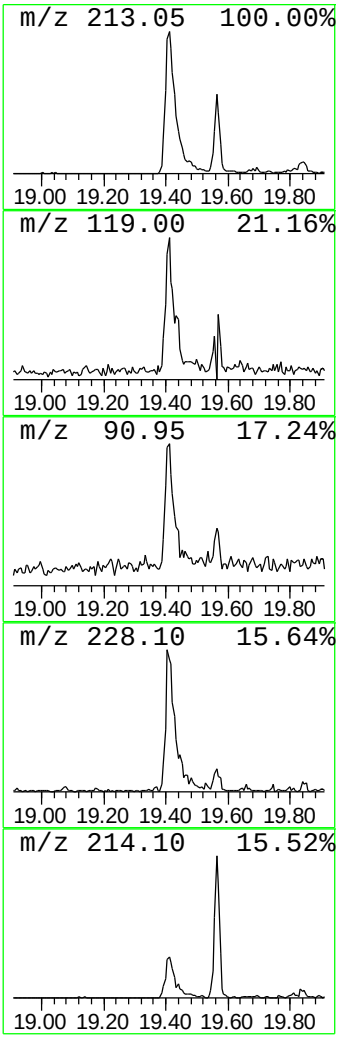
****

Peak Number 8 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	3.34 ng	80985	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
4	Diphenolic acid	286	C17H18O4	000126-00-1	59
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

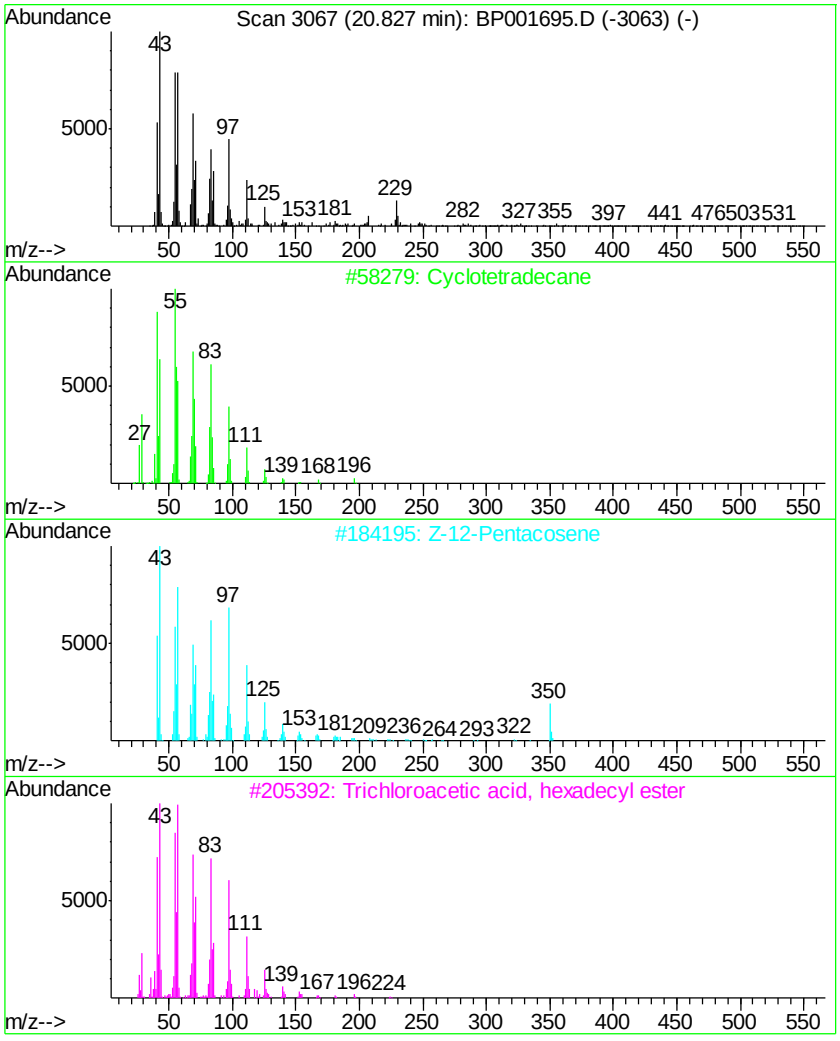
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

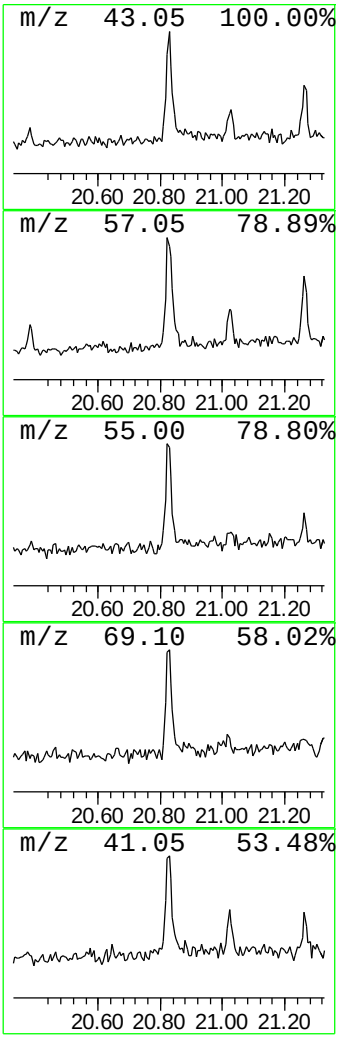
****

Peak Number 9 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.58 ng	62646	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	90
2	Z-12-Pentacosene	350	C25H50	1000131-09-4	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	Octacosanol	410	C28H58O	000557-61-9	74
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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

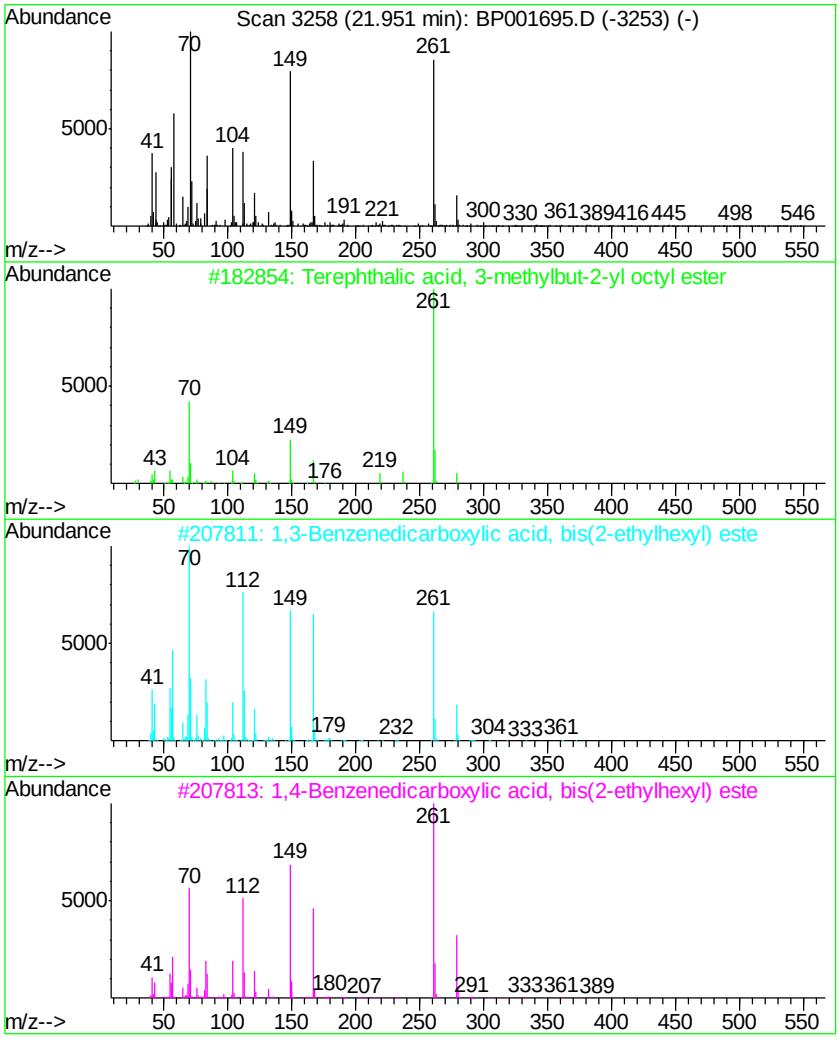
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

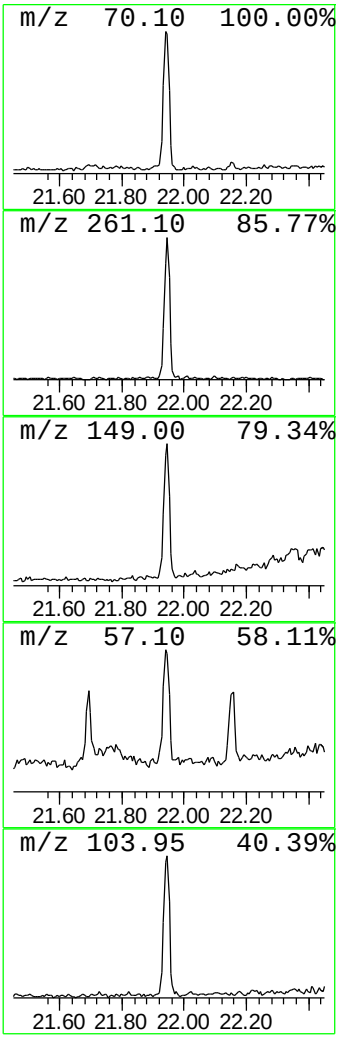
****

Peak Number 10 Terephthalic acid, 3-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	5.59 ng	135739	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	50
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
4	Diisooctyl phthalate	390	C24H38O4	000131-20-4	35
5	Dimethylmalonic acid, monochlori...	262	C13H23ClO3	1000361-64-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP012720\
Data File : BP001695.D
Acq On : 27 Jan 2020 17:31
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20200064-AMENDED-COMP-2

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...	2.83	11.3	ng	70152	1	7.55	124096	20.0
2-Pentanone, 4-hy...	4.70	102.8	ng	638126	1	7.55	124096	20.0
Limonene	7.78	3.5	ng	21925	1	7.55	124096	20.0
unknown9.04	9.04	34.0	ng	302492	2	10.33	177688	20.0
1,2,4,5-Tetrathiane	13.21	4.2	ng	59924	3	14.21	288788	20.0
unknown16.73	16.73	3.0	ng	54434	4	16.97	365733	20.0
Phenol, 4,4'-(1-m...	19.41	3.3	ng	80985	5	21.08	485573	20.0
Cyclotetradecane	20.83	2.6	ng	62646	5	21.08	485573	20.0
Terephthalic acid...	21.95	5.6	ng	135739	5	21.08	485573	20.0