LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001518.D
Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B4

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-BP010320.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	2.928	18	24	35	rBV3	53493	121272	4.75%	0.695%
2	3.022	35	40	48	rVB	261117	357182	14.00%	2.047%
3	4.916	355	362	371	rBV	211411	304537	11.94%	1.745%
4	5.346	429	435	444	rBV	997985	1446658	56.70%	8.291%
5	6.916	694	702	712	rBV	1003293	1618554	63.44%	9.276%
6	7.252	751	759	769	rBV	977413	1512587	59.29%	8.669%
7	7.699	828	835	843	rVB	265667	414664	16.25%	2.376%
8	8.016	882	889	897	rVB	745288	1166767	45.73%	6.687%
9	8.851	1022	1031	1040	rBV	584838	931929	36.53%	5.341%
10	10.475	1300	1307	1319	rVB	326361	534459	20.95%	3.063%
11	12.963	1721	1730	1737	rBV	1284715	1902762	74.58%	10.905%
12	13.822	1870	1876	1882	rVB	60540	83735	3.28%	0.480%
13	14.339	1957	1964	1973	rVB	455949	691900	27.12%	3.965%
14	15.839	2213	2219	2228	rVB	1077413	1479875	58.01%	8.481%
15	17.098	2427	2433	2438	rBV	586771	826047	32.38%	4.734%
16	18.045	2589	2594	2600	rBV	135977	195755	7.67%	1.122%
17	19.280	2801	2804	2811	rBV6	36443	63714	2.50%	0.365%
18	19.680	2867	2872	2878	rBV	2064086	2551256	100.00%	14.621%
19	20.945	3084	3087	3093	rBV	405022	495674	19.43%	2.841%
20	21.192	3126	3129	3133	rVB	640660	749443	29.38%	4.295%

Sum of corrected areas: 17448770

LSC Report - Integrated Chromatogram

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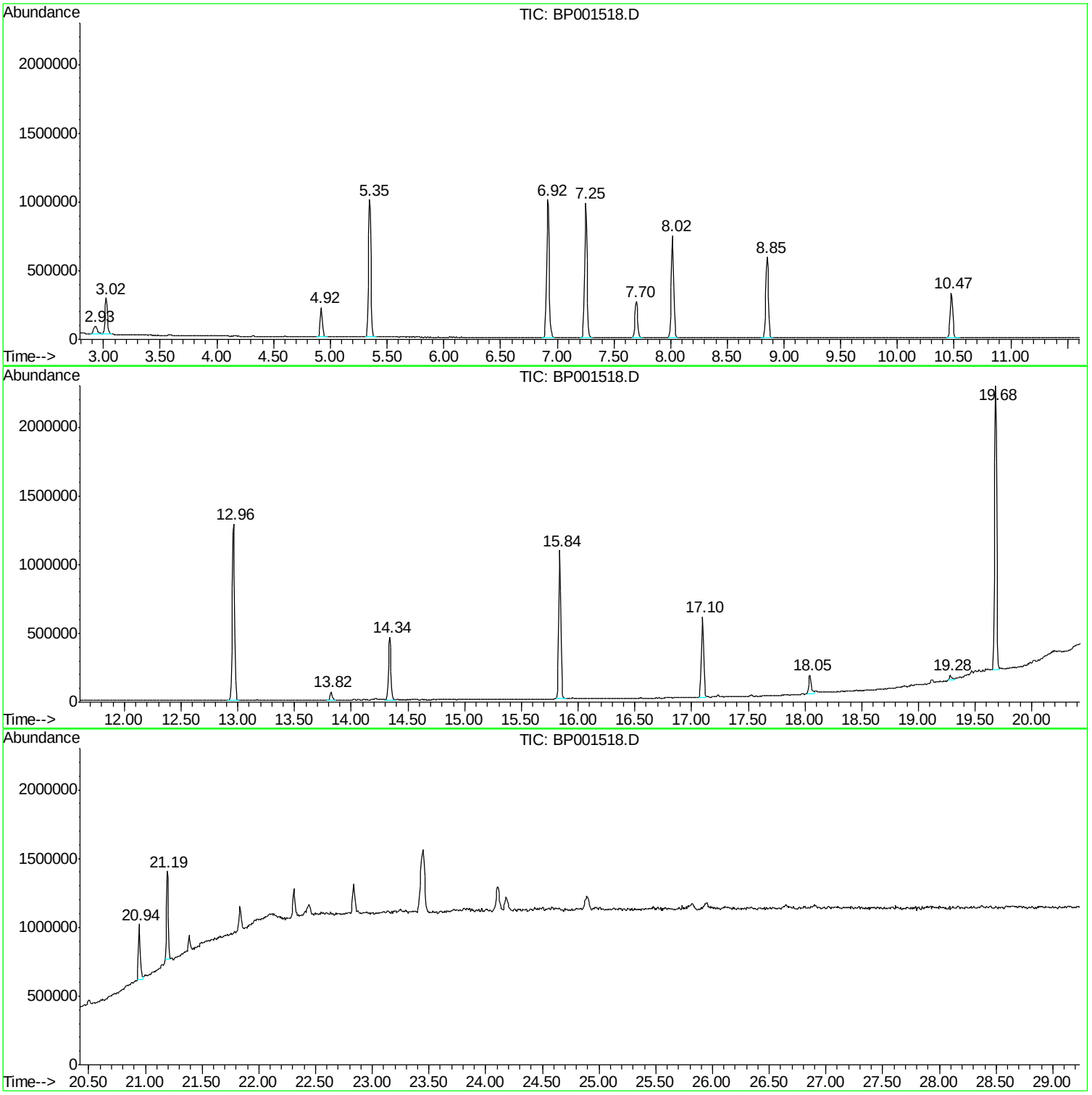
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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Data File : BP001518.D
Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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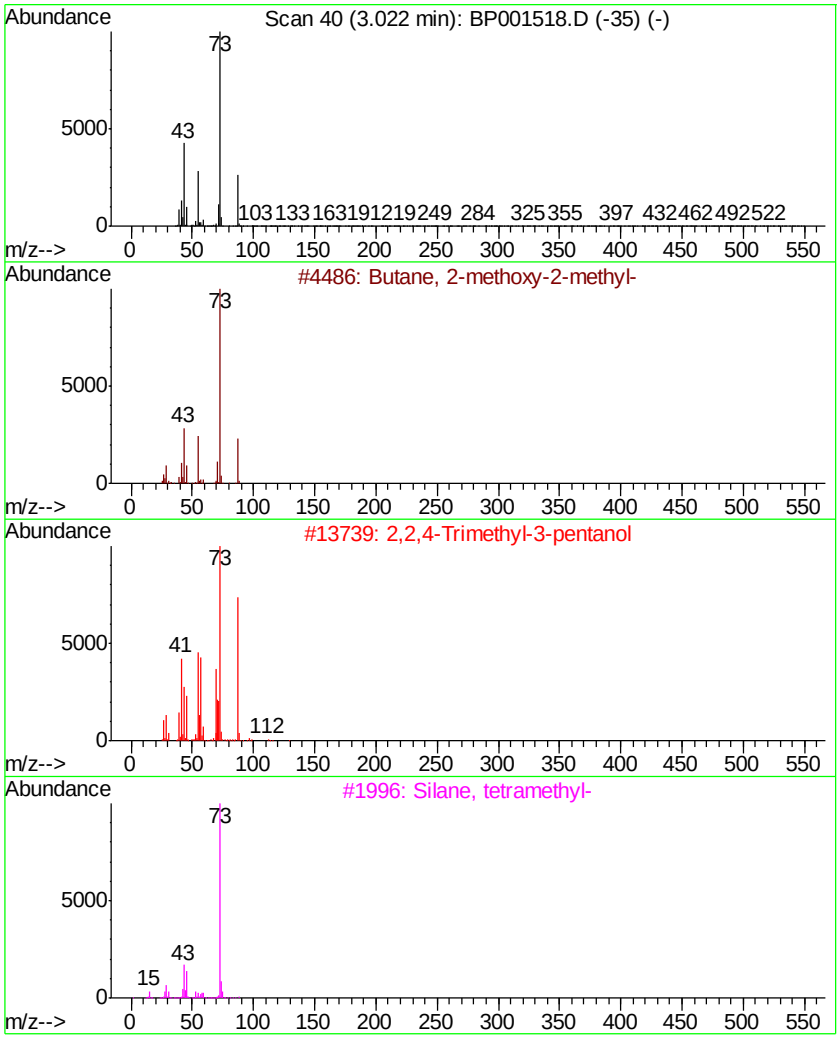
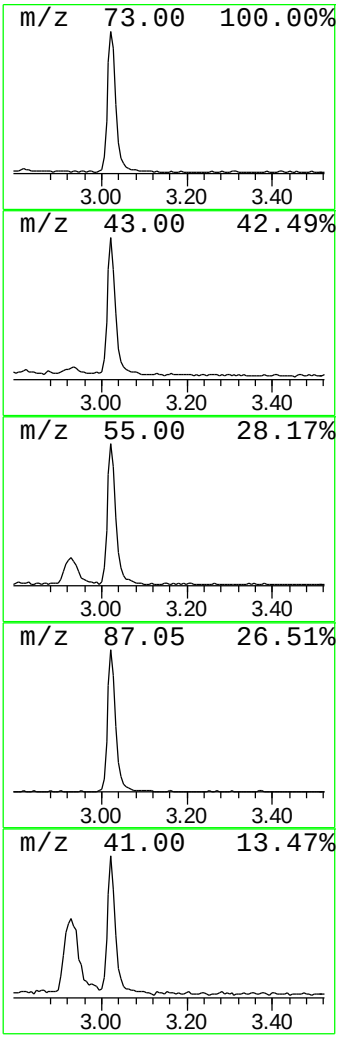
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	17.23 ng	357182	1,4-Dichlorobenzene-d4	7.70

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	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BP001518.D
Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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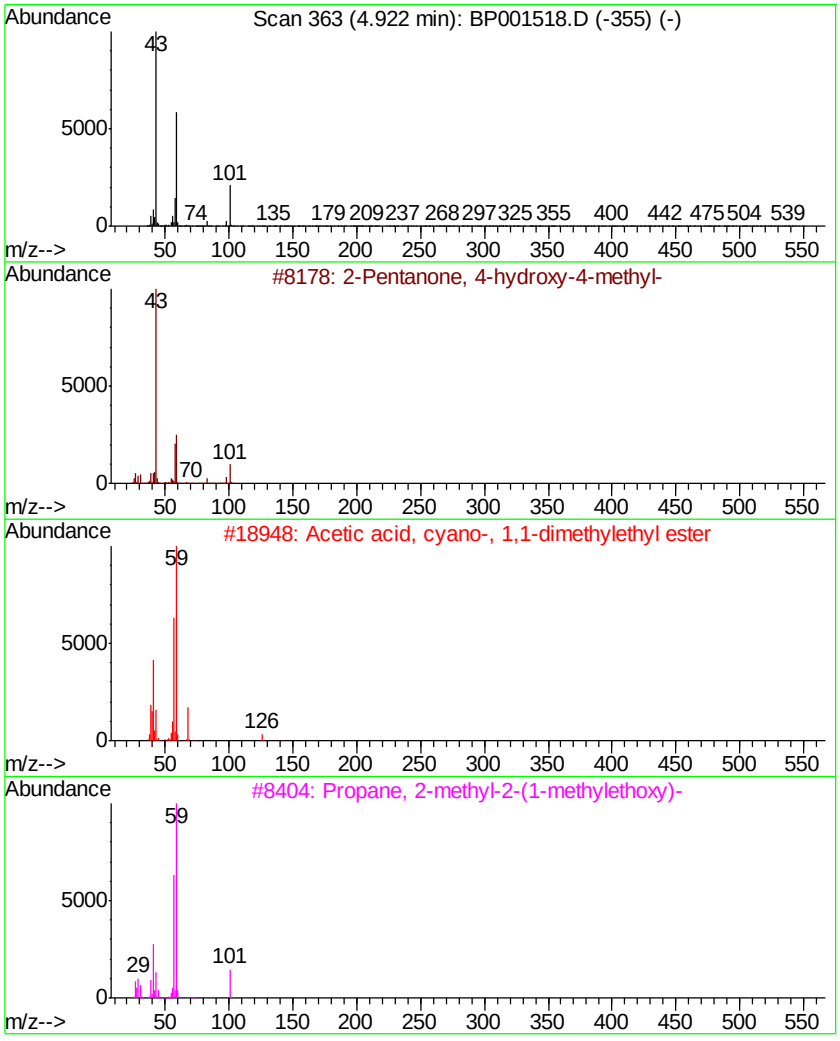
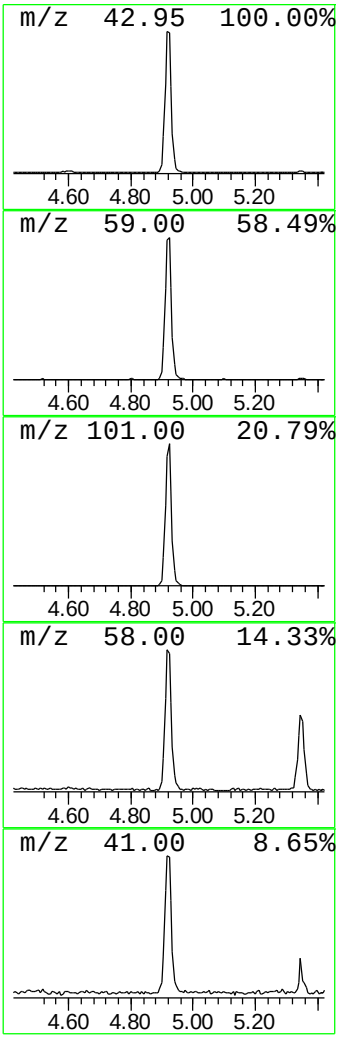
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	14.69 ng	304537	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001518.D
Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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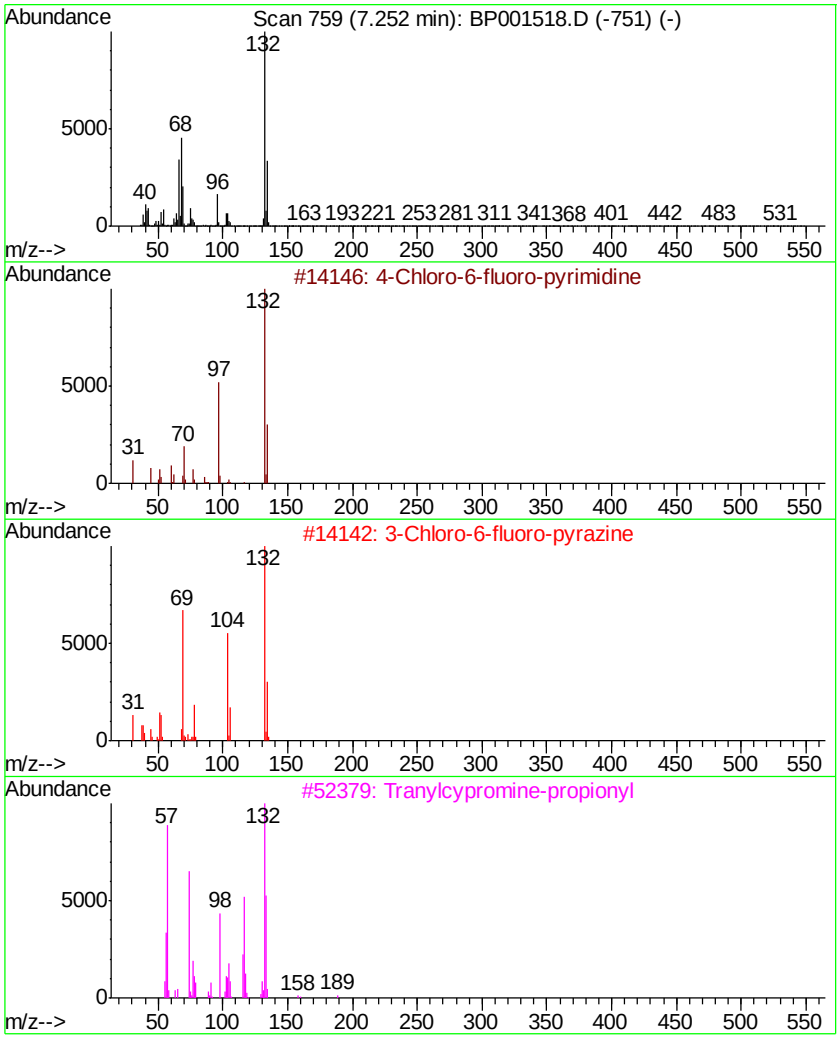
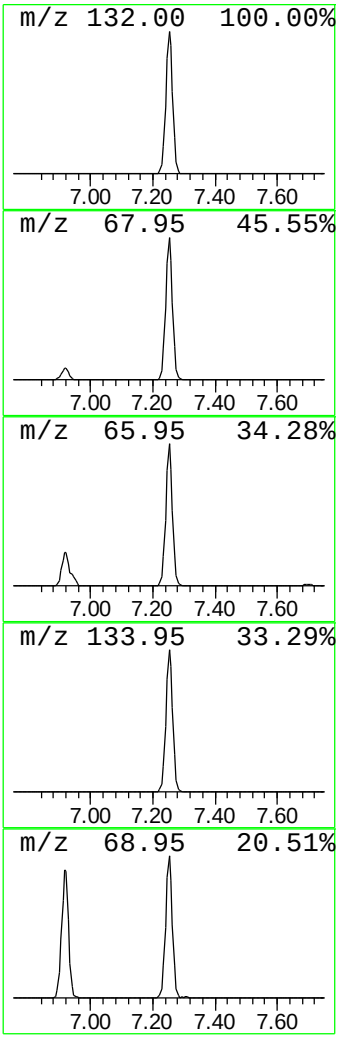
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	72.95 ng	1512590	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





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Data File : BP001518.D
Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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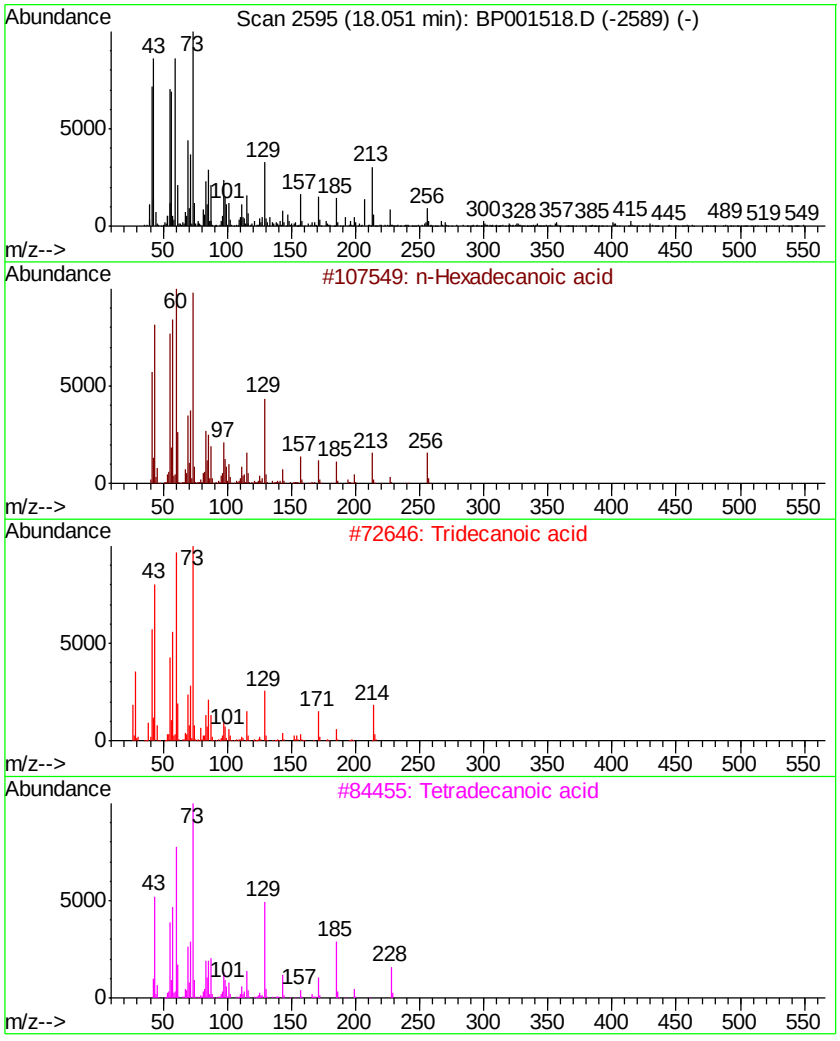
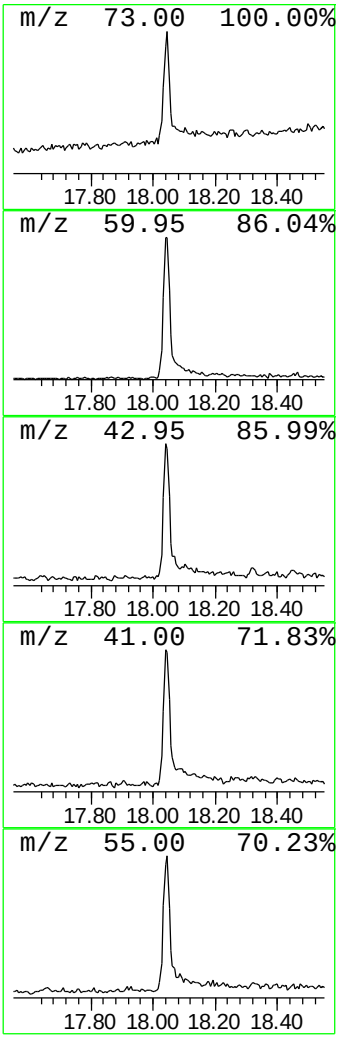
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.74 ng	195755	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
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Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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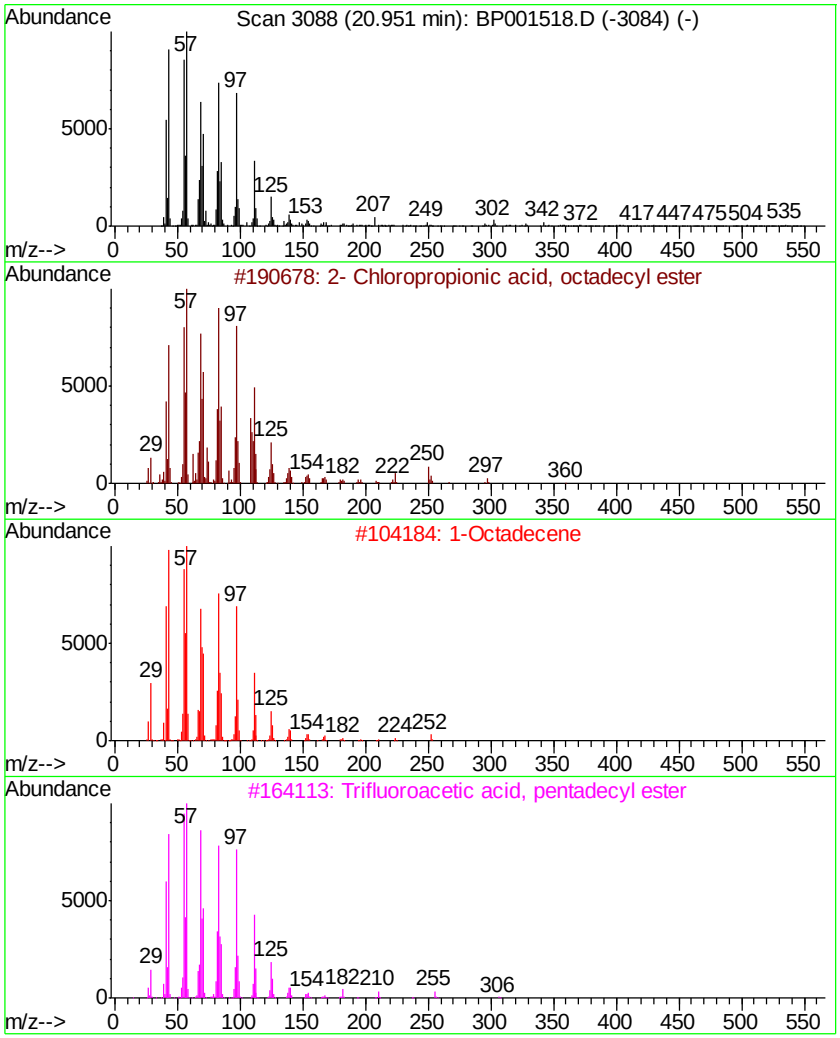
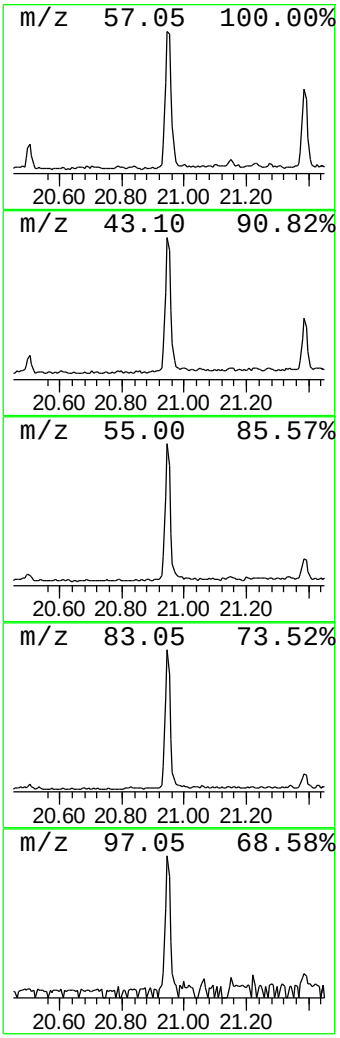
Peak Number 7 2- Chloropropionic acid, oc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	13.23 ng	495674	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Tentatively Identified Compound (LSC) summary

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Data File : BP001518.D
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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...	3.02	17.2	ng	357182	1	7.70	414664	20.0
2-Pentanone, 4-hy...	4.92	14.7	ng	304537	1	7.70	414664	20.0
unknown7.25	7.25	73.0	ng	1512590	1	7.70	414664	20.0
n-Hexadecanoic acid	18.05	4.7	ng	195755	4	17.10	826047	20.0
2- Chloropropioni...	20.95	13.2	ng	495674	5	21.19	749443	20.0