LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

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-BP110619.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	2.328	34	41	50	rVB	311930	489549	4.81%	0.867%
2	5.734	612	620	633	rBV	414567	681291	6.69%	1.207%
3	6.304	710	717	721	rBV	3179689	4114290	40.41%	7.287%
4	7.816	965	974	980	rBV	3168515	4470044	43.90%	7.917%
5	8.004	999	1006	1011	rBV	3633809	4800547	47.15%	8.502%
6	8.363	1061	1067	1072	rBV	895392	993217	9.75%	1.759%
7	8.604	1102	1108	1112	rBV	3359377	3906312	38.36%	6.919%
8	9.240	1207	1216	1220	rBV	2187343	2902194	28.50%	5.140%
9	10.392	1405	1412	1422	rVB	1038562	1275538	12.53%	2.259%
10	12.175	1707	1715	1719	rBV	5339551	6848318	67.26%	12.129%
11	12.834	1822	1827	1834	rBV	413333	457410	4.49%	0.810%
12	13.251	1892	1898	1906	rBV	1442794	1728005	16.97%	3.060%
13	14.551	2110	2119	2139	rBV	4253729	5706369	56.04%	10.107%
14	15.645	2300	2305	2310	rBV	1830482	2066479	20.29%	3.660%
15	16.527	2451	2455	2464	rBV	207110	286873	2.82%	0.508%
16	17.933	2687	2694	2698	rBV	8519656	10182403	100.00%	18.034%
17	19.180	2899	2906	2918	rBV5	114103	374348	3.68%	0.663%
18	19.286	2919	2924	2928	rBV	2068307	2254292	22.14%	3.993%
19	20.345	3100	3104	3110	rVB	100777	114003	1.12%	0.202%
20	20.427	3114	3118	3122	rBV	121553	139267	1.37%	0.247%
21	20.745	3167	3172	3181	rVB	115522	158262	1.55%	0.280%
22	21.068	3221	3227	3242	rVB	1575514	2092593	20.55%	3.706%
23	21.192	3242	3248	3255	rVB	103773	161241	1.58%	0.286%
24	21.698	3329	3334	3340	rVB2	92467	149456	1.47%	0.265%
25	22.280	3428	3433	3442	rVB2	52324	109337	1.07%	0.194%

Sum of corrected areas: 56461638

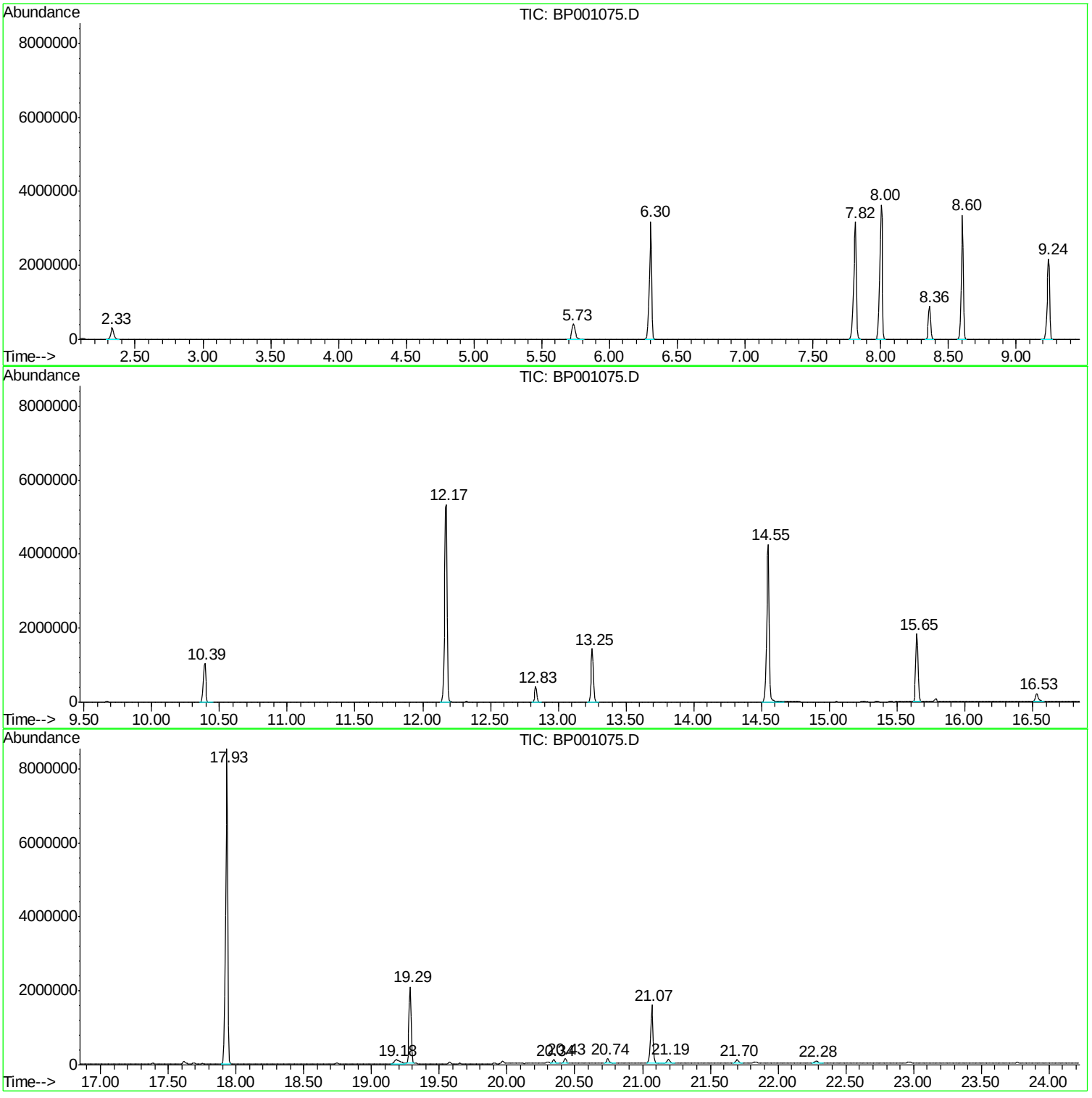
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

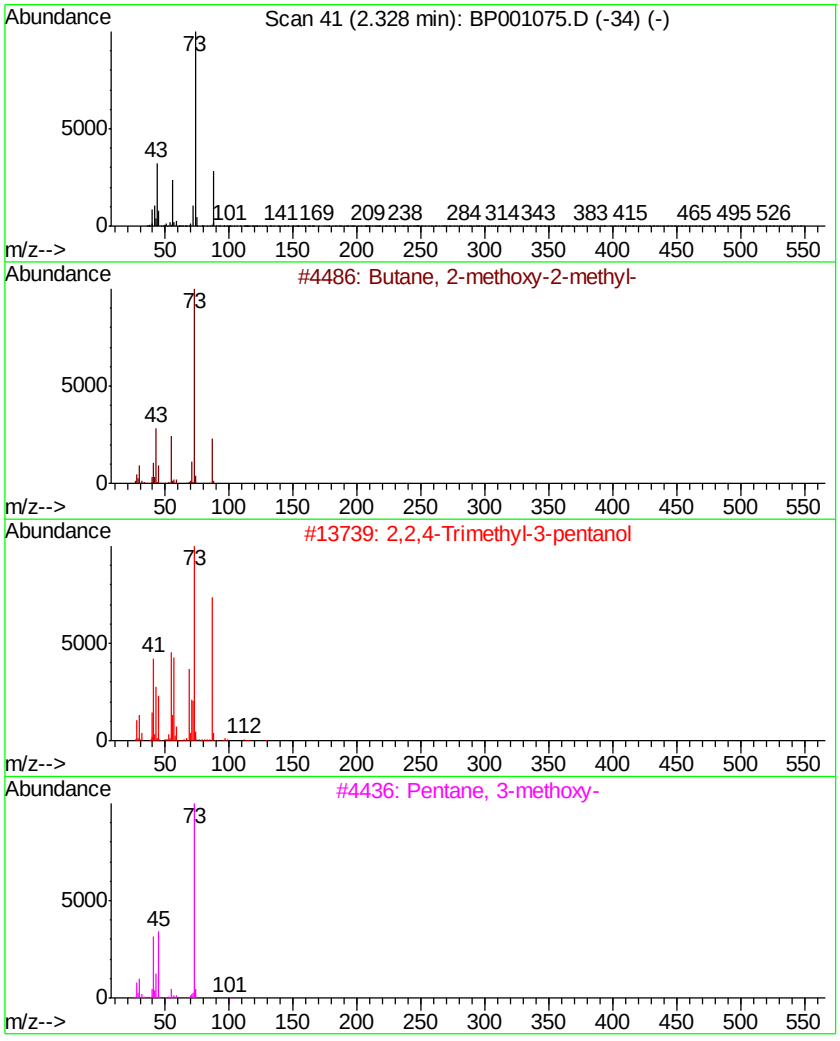
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

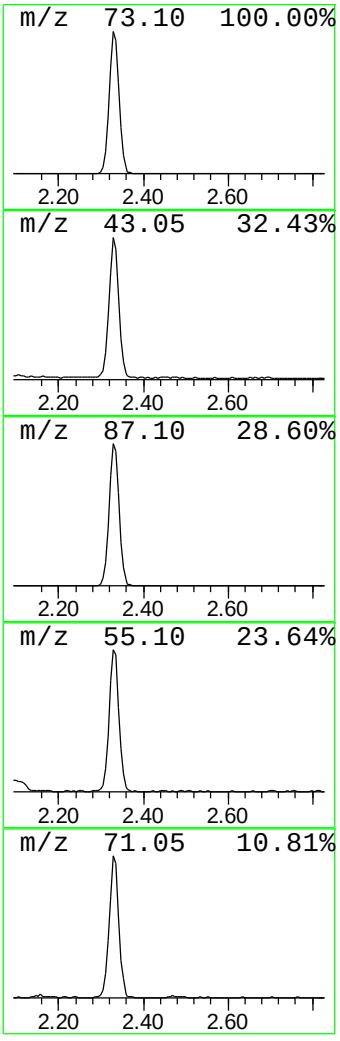
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	9.86 ng	489549	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

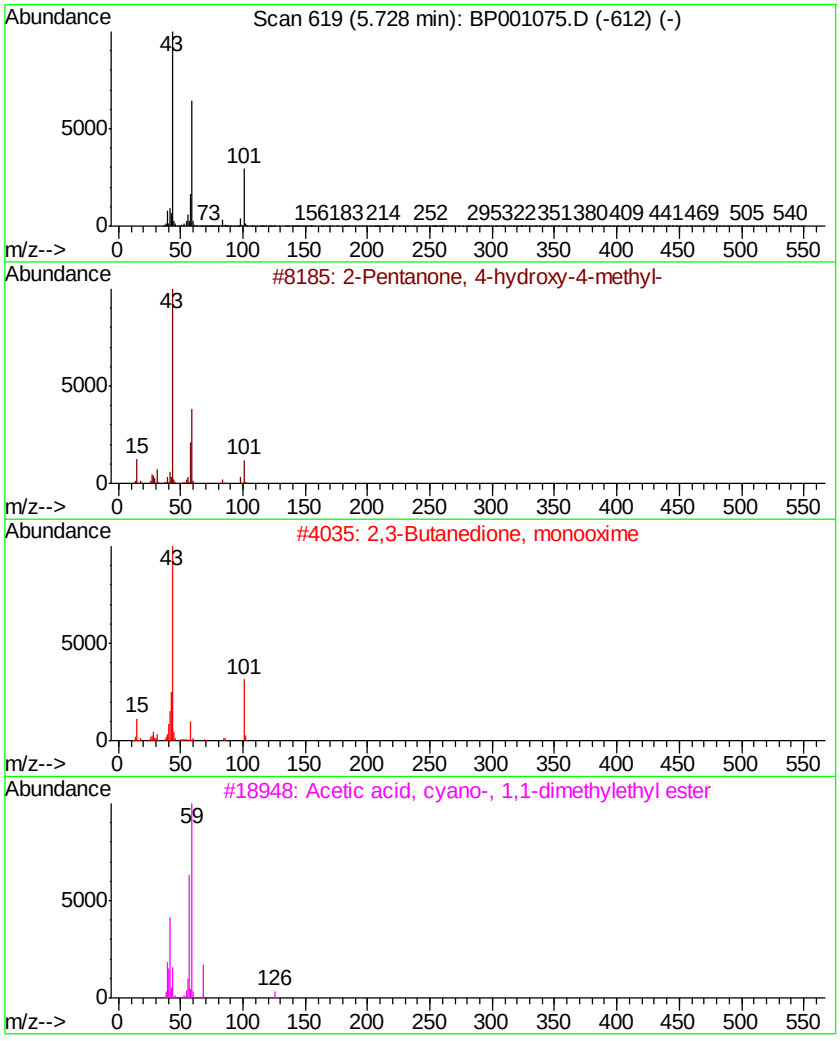
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

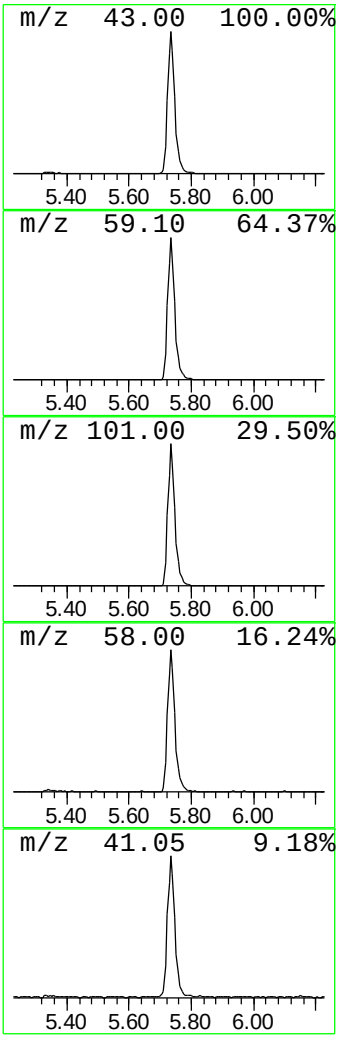
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	13.72 ng	681291	1,4-Dichlorobenzene-d4	8.36

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	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

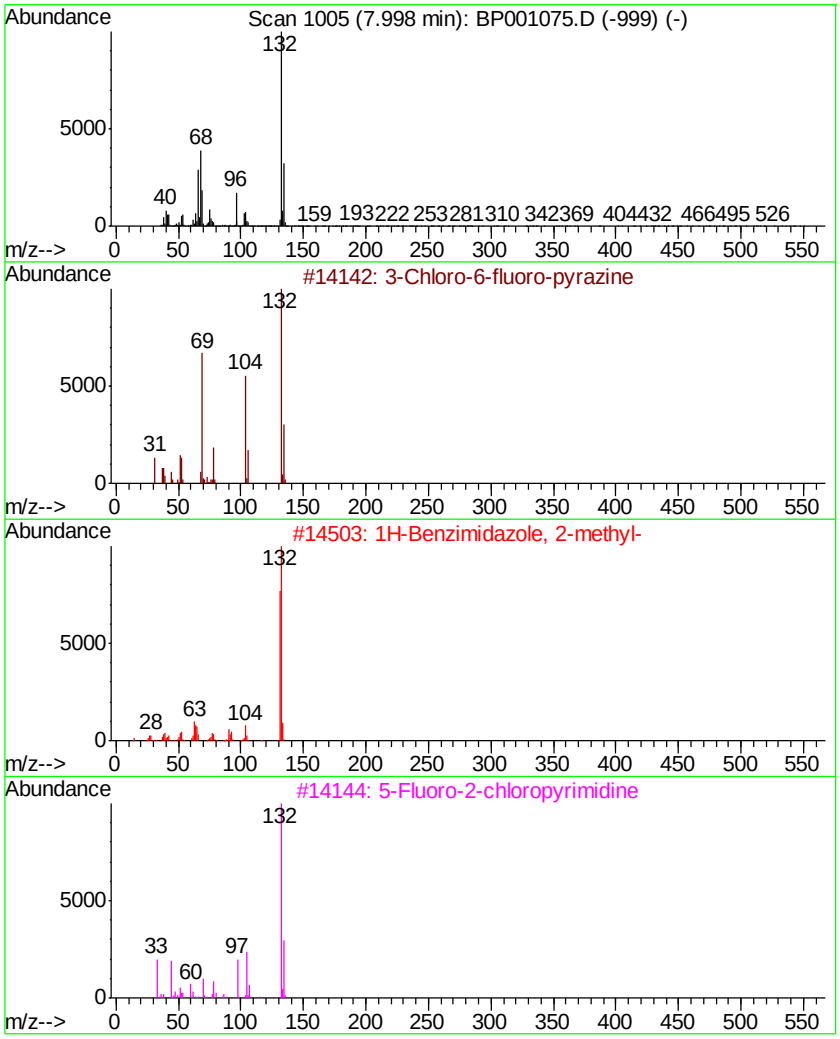
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

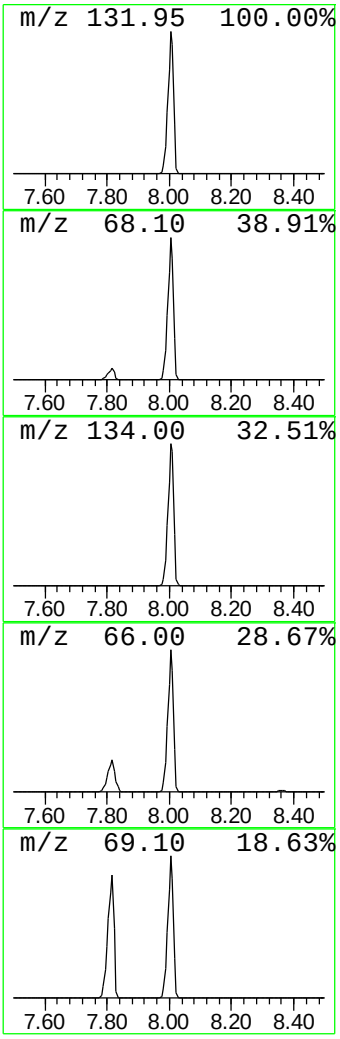
****

Peak Number 3 unknown8.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	96.67 ng	4800550	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

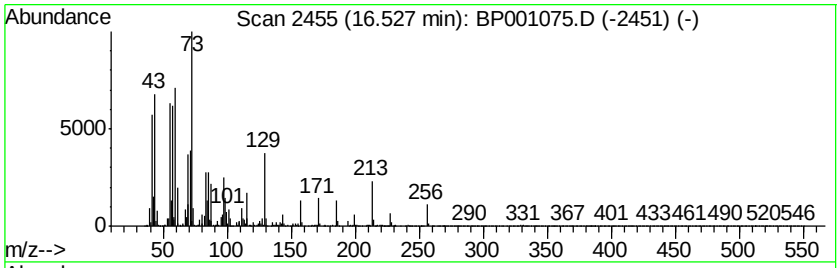
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

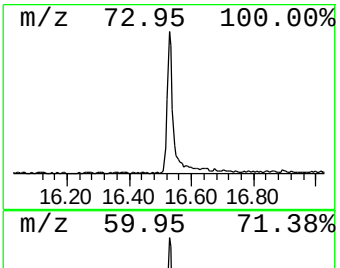
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.78 ng	286873	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

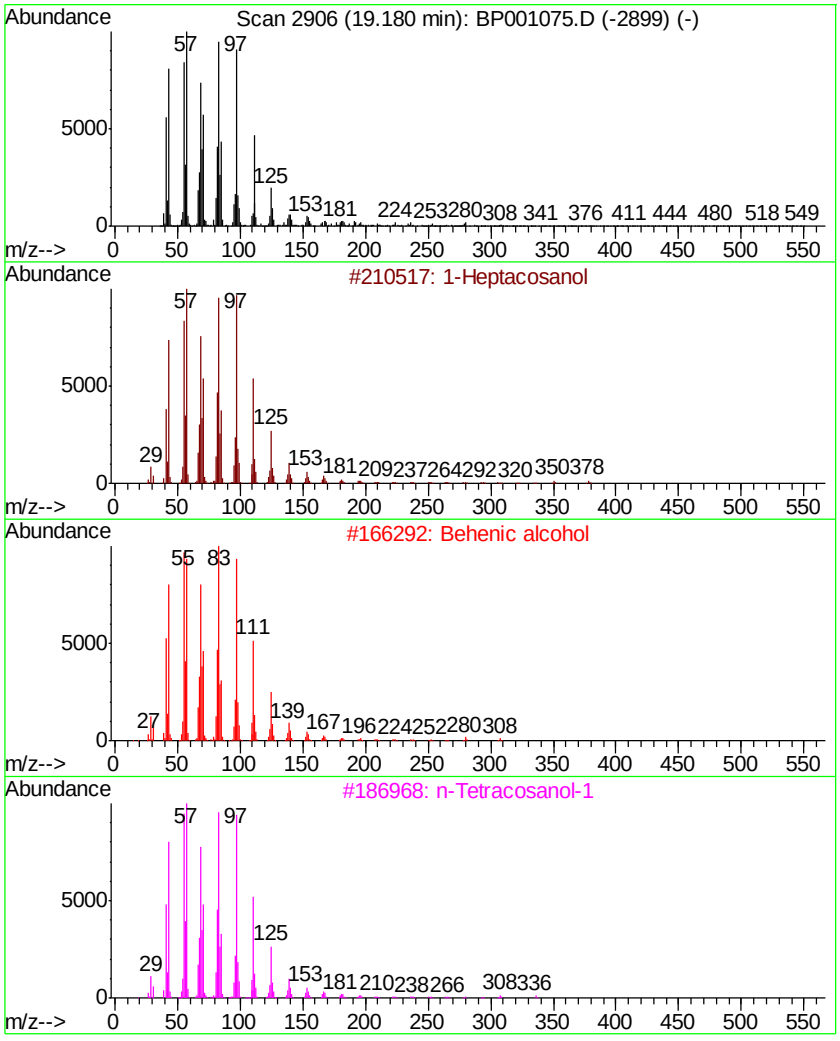
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

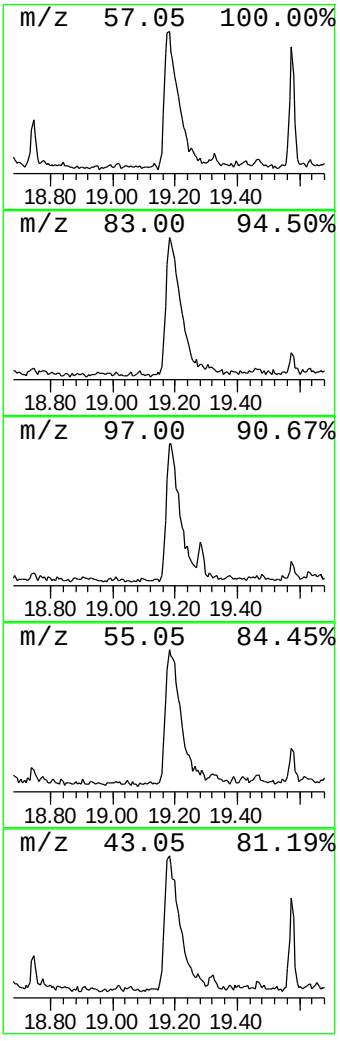
****

Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	3.32 ng	374348	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111819\
Data File : BP001075.D
Acq On : 19 Nov 2019 03:43
Operator : JU
Sample : K5905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3037

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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...	2.33	9.9	ng	489549	1	8.36	993217	20.0
2-Pentanone, 4-hy...	5.73	13.7	ng	681291	1	8.36	993217	20.0
unknown8.00	8.00	96.7	ng	4800550	1	8.36	993217	20.0
n-Hexadecanoic acid	16.53	2.8	ng	286873	4	15.65	2066480	20.0
1-Heptacosanol	19.18	3.3	ng	374348	5	19.29	2254290	20.0