LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
Data File : BP011304.D
Acq On : 06 Aug 2022 07:15
Operator : CG/JU
Sample : N4026-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GBJJ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BP080222.M
Title : SVOA CALIBRATION

Signal : TIC: BP011304.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.734	294	297	302	rVB	168530	196759	5.70%	0.786%
2	6.940	667	672	679	rVB	291442	434282	12.57%	1.736%
3	7.122	700	703	715	rVB2	98429	170980	4.95%	0.683%
4	7.593	778	783	793	rVB	393192	601631	17.42%	2.404%
5	8.310	902	905	917	rVB2	70539	131287	3.80%	0.525%
6	8.758	975	981	989	rBV	403173	638945	18.50%	2.554%
7	9.475	1098	1103	1111	rVB2	87567	150422	4.36%	0.601%
8	10.010	1188	1194	1205	rBV2	109670	210791	6.10%	0.842%
9	10.381	1251	1257	1263	rBV	449635	702545	20.34%	2.808%
10	10.440	1263	1267	1277	rVV3	44259	111805	3.24%	0.447%
11	10.534	1278	1283	1299	rVB	102660	217136	6.29%	0.868%
12	11.934	1517	1521	1526	rBV5	9887	14807	0.43%	0.059%
13	12.410	1600	1602	1608	rBV4	4404	6535	0.19%	0.026%
14	13.687	1812	1819	1834	rBV	527039	816364	23.64%	3.263%
15	13.957	1858	1865	1886	rBV	660695	952126	27.57%	3.805%
16	14.263	1911	1917	1934	rBV	826893	1114700	32.27%	4.455%
17	14.504	1952	1958	1961	rBV8	5826	9752	0.28%	0.039%
18	14.710	1990	1993	1998	rVB7	3217	4687	0.14%	0.019%
19	14.834	2005	2014	2024	rBV	104910	431749	12.50%	1.726%
20	15.269	2082	2088	2104	rBV	1419145	1838601	53.23%	7.348%
21	15.398	2105	2110	2120	rVB3	99294	163593	4.74%	0.654%
22	17.034	2382	2388	2398	rBV	1058224	1355397	39.24%	5.417%
23	17.134	2399	2405	2416	rVV	1915819	2369347	68.60%	9.469%
24	18.022	2552	2556	2566	rBV	566441	742726	21.50%	2.968%
25	19.392	2785	2789	2797	rVB	2753178	3428475	99.26%	13.702%
26	20.892	3040	3044	3053	rBV4	201020	420352	12.17%	1.680%
27	21.157	3085	3089	3100	rBV	1744889	2115899	61.26%	8.456%
28	23.316	3451	3456	3465	rBV	1941483	3453995	100.00%	13.804%
29	23.468	3476	3482	3492	rVB	1209848	2215738	64.15%	8.855%

Sum of corrected areas: 25021426

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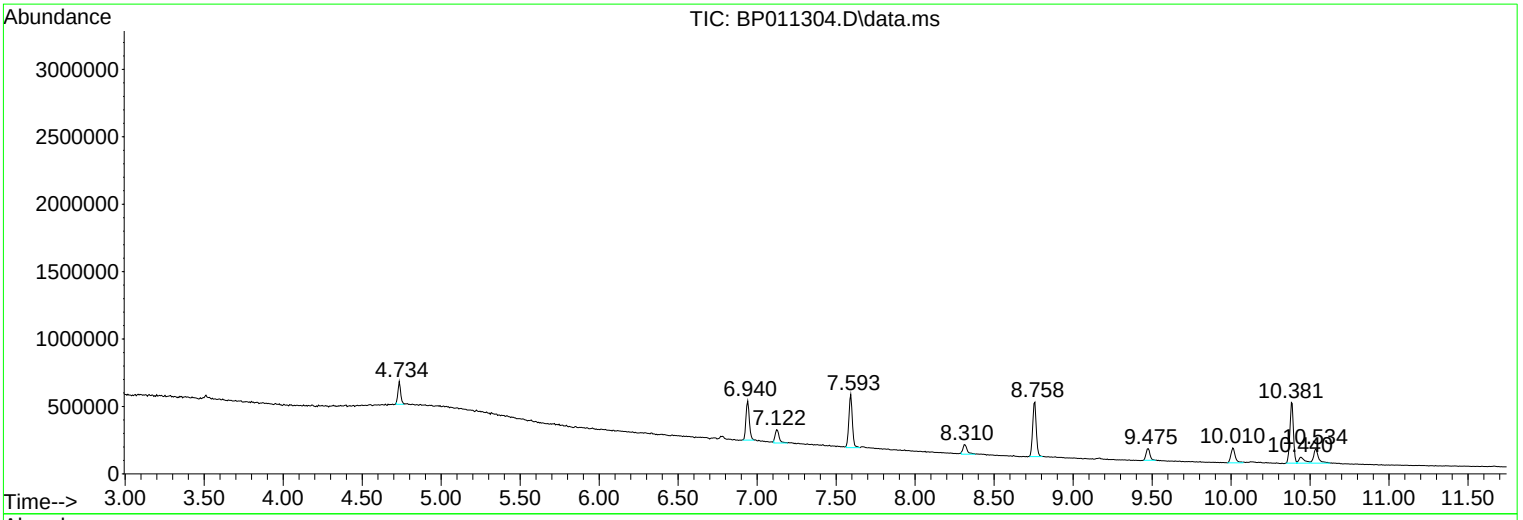
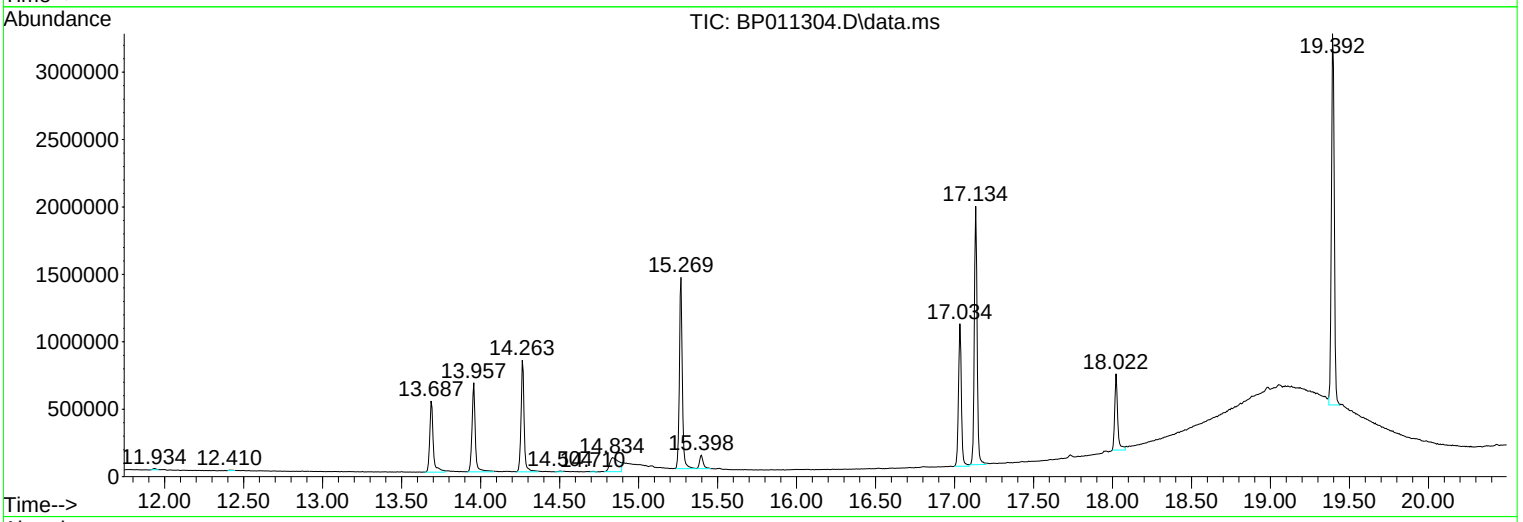
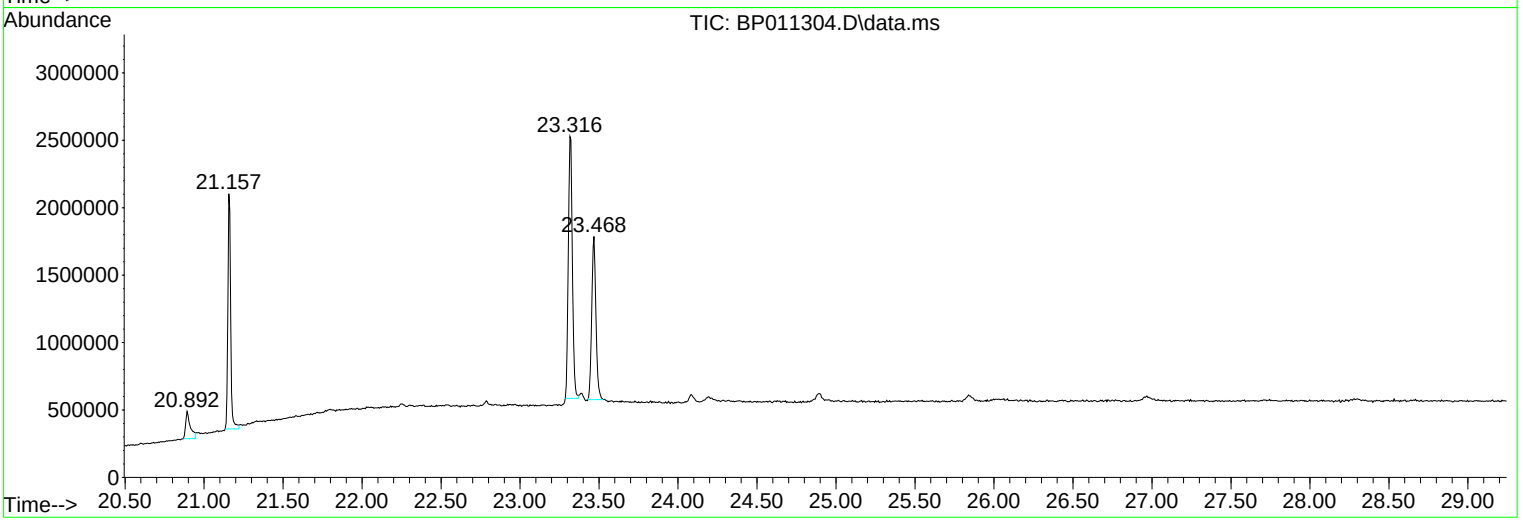
Instrument :
BNA_P
ClientSampleId :
GBJJ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : SVOA CALIBRATION

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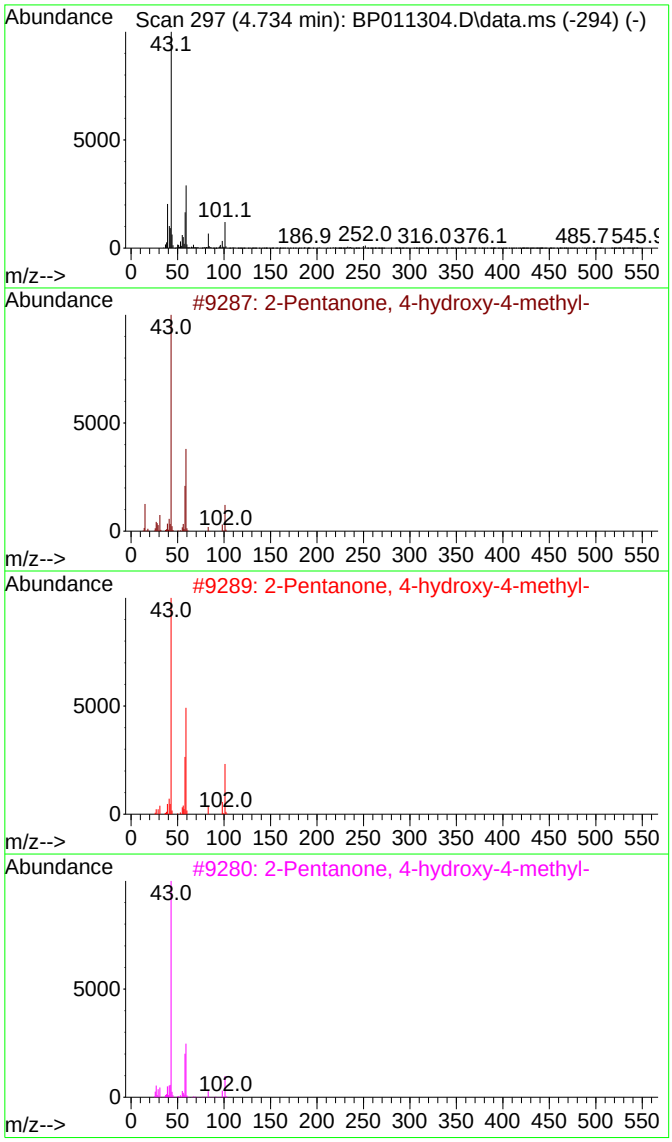
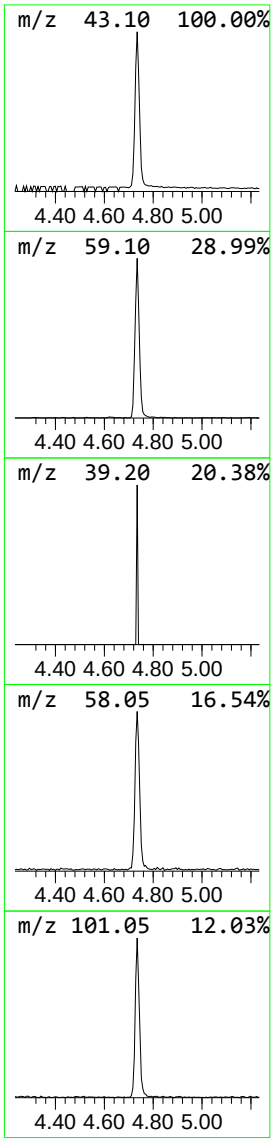
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.734	6.54 ng/ul	196759	1,4-Dichlorobenzene-d4	7.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38





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Quant Title : SVOA CALIBRATION

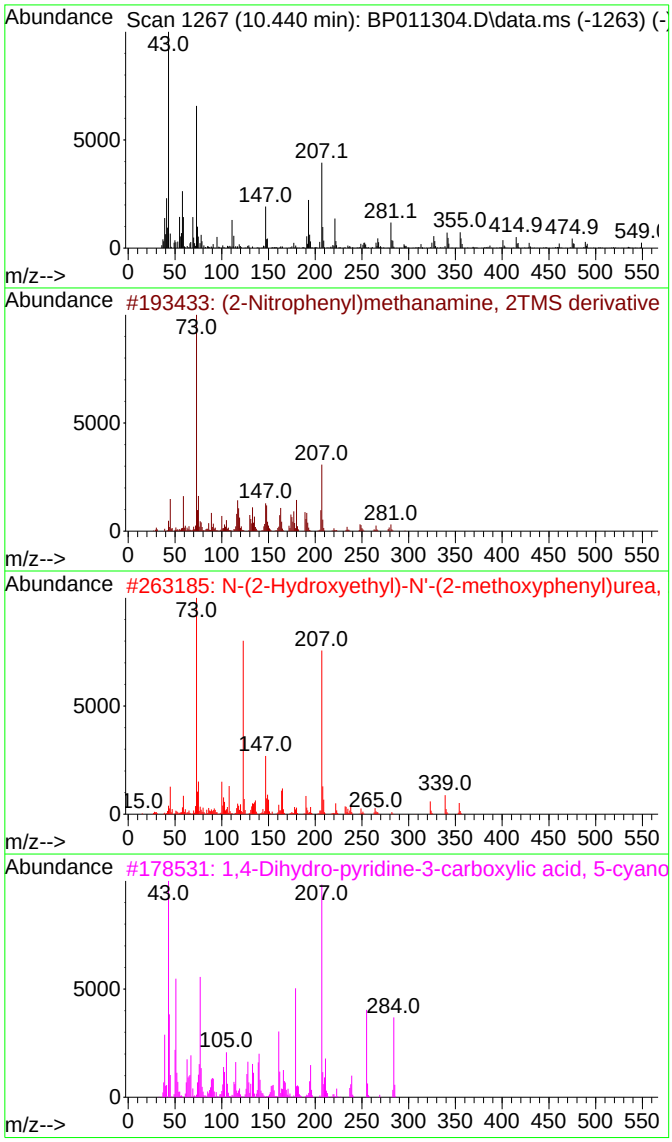
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

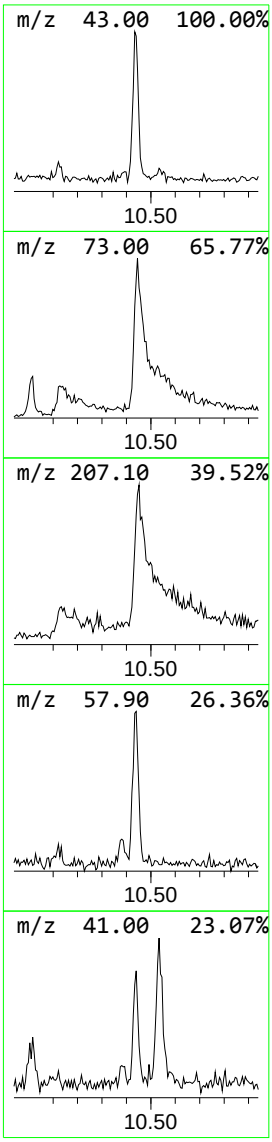
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.440	3.18 ng/ul	111805	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Nitrophenyl)methanamine, 2TMS...	296	C13H24N2O2Si2	1000478-84-5	38
2	N-(2-Hydroxyethyl)-N'-(2-methoxy...	354	C16H30N2O3Si2	1000501-33-3	37
3	1,4-Dihydro-pyridine-3-carboxyli...	284	C16H16N2O3	1000259-17-8	30
4	1,4-Cyclohexadiene, 1,3,6-tris(t...	296	C15H32Si3	1000150-10-8	18
5	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	16





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

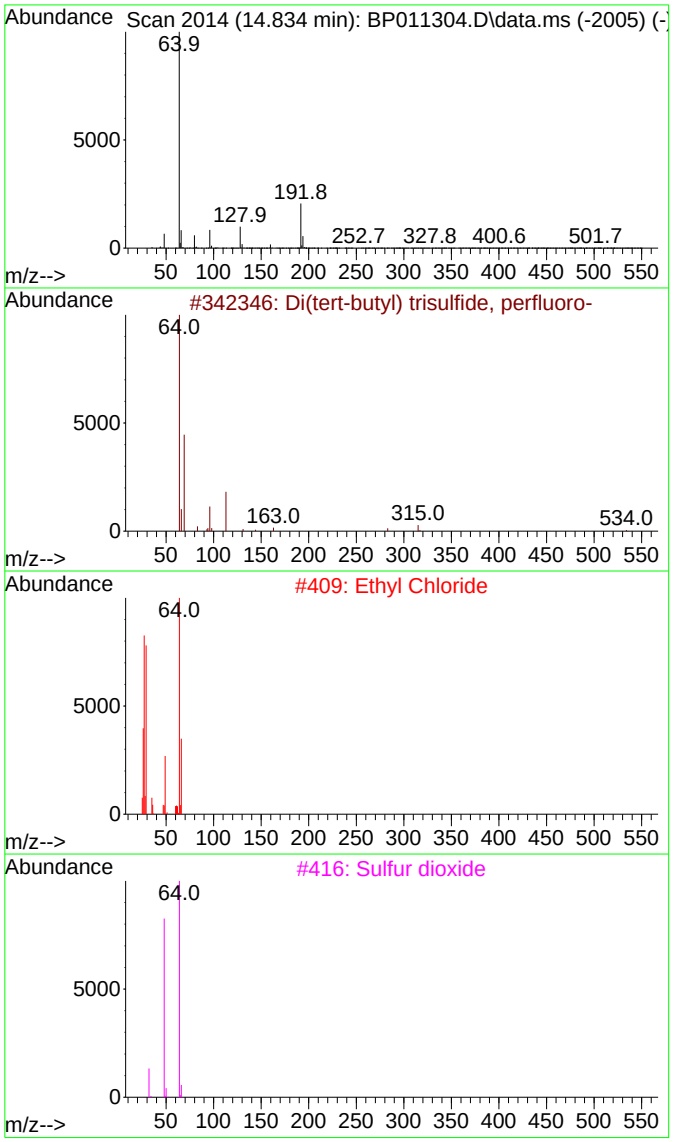
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

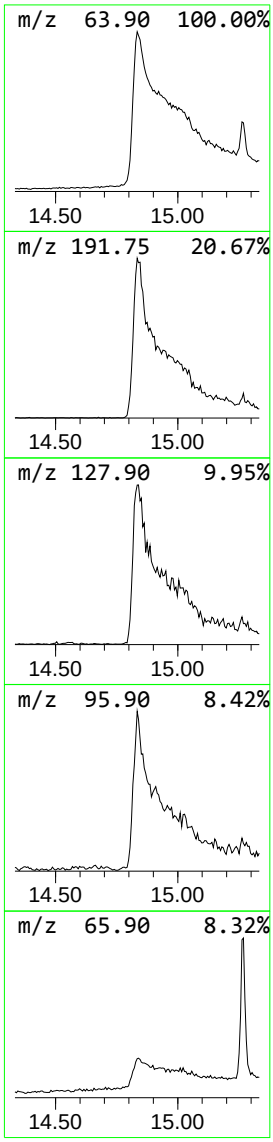
****

Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	7.75 ng/ul	431749	Acenaphthene-d10	14.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	5
3	Sulfur dioxide	64	O2S	007446-09-5	4
4	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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Instrument :
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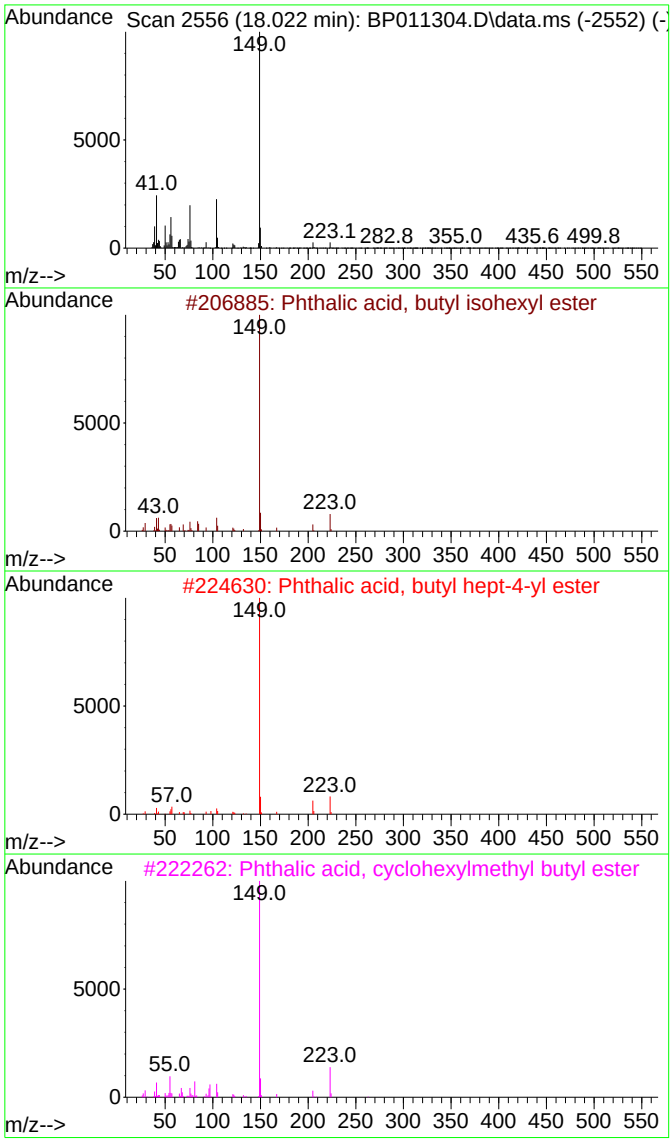
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

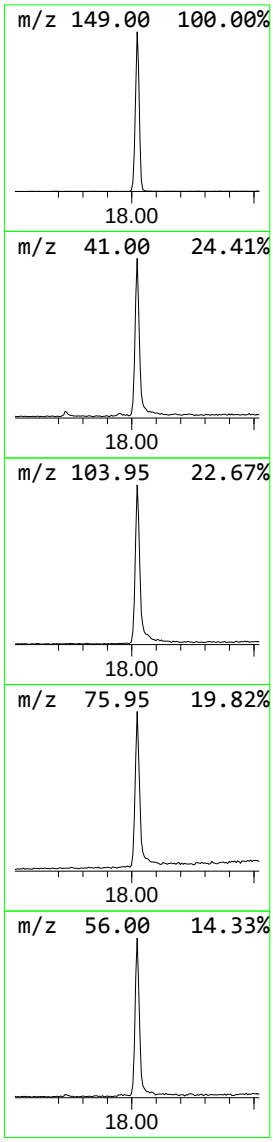
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phthalic acid, butyl isohex... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	10.96 ng/ul	742726	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, butyl isohexyl ester	306	C18H26O4	1000309-03-6	53
2	Phthalic acid, butyl hept-4-yl e...	320	C19H28O4	1010356-78-4	53
3	Phthalic acid, cyclohexylmethyl ...	318	C19H26O4	1000309-08-6	50
4	Phthalic acid, isohexyl propyl e...	292	C17H24O4	1000308-98-9	50
5	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	50





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Instrument :
BNA_P
ClientSampleId :
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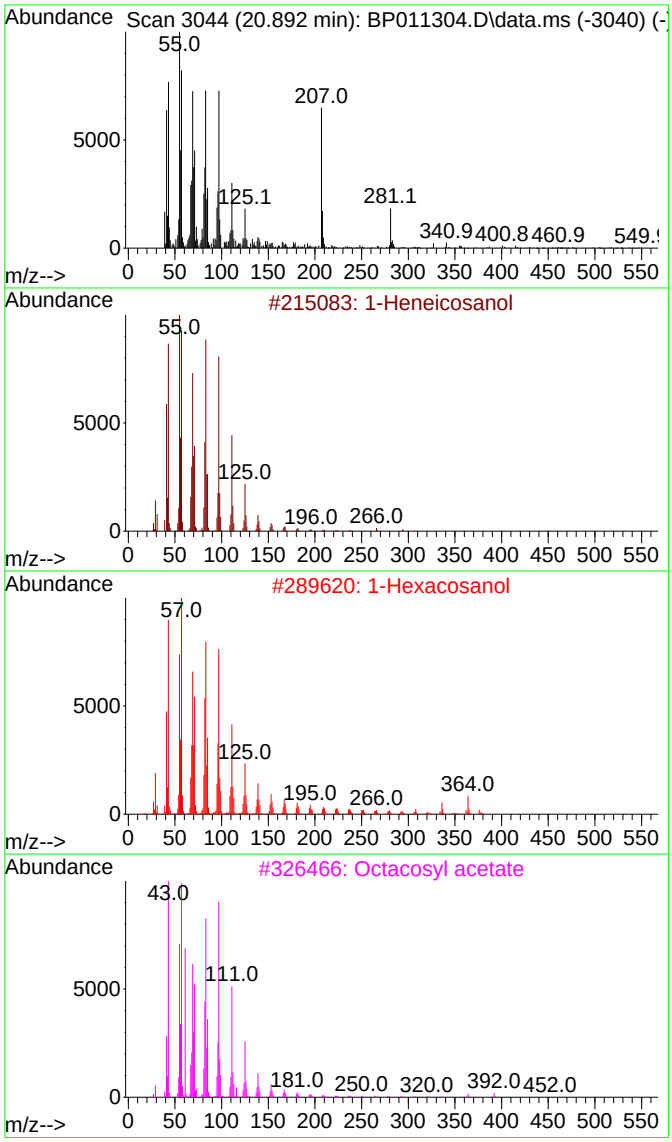
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

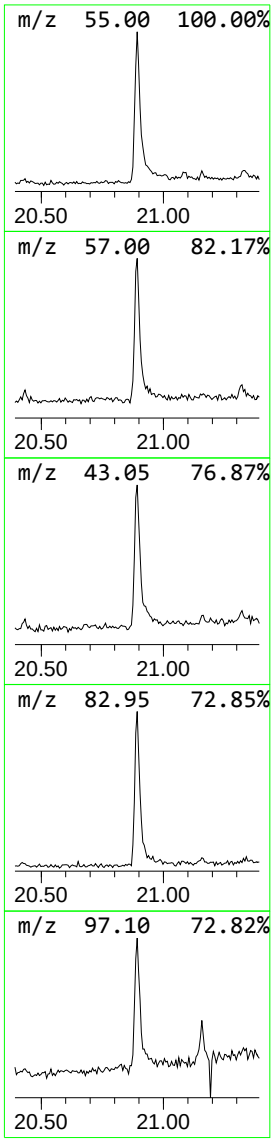
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.892	3.97 ng/ul	420352	Chrysene-d12	21.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	86
2	1-Hexacosanol	382	C26H54O	000506-52-5	86
3	Octacosyl acetate	452	C30H60O2	018206-97-8	86
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	78
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.734	6.5	ng/ul	196759	1	7.593	601631	20.0
unknown-01	10.440	3.2	ng/ul	111805	2	10.387	702545	20.0
unknown-02	14.834	7.8	ng/ul	431749	3	14.263	1114700	20.0
Phthalic acid, ...	18.022	11.0	ng/ul	742726	4	17.034	1355400	20.0
1-Heneicosanol	20.892	4.0	ng/ul	420352	5	21.157	2115900	20.0