LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
Data File : BP003144.D
Acq On : 27 Aug 2020 22:05
Operator : CG/JU
Sample : L3806-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-14A-S

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-BP082420.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	2.934	3	8	24	rVB	1445973	1694457	17.65%	3.342%
2	5.269	399	405	425	rBV	2342333	3547504	36.95%	6.996%
3	6.846	665	673	690	rBV	2241189	3596411	37.46%	7.093%
4	7.263	739	744	760	rBV	80954	149409	1.56%	0.295%
5	7.663	805	812	821	rBV	747684	1167627	12.16%	2.303%
6	8.805	996	1006	1021	rBV	1506157	2537341	26.43%	5.004%
7	10.440	1276	1284	1299	rBV	966675	1659852	17.29%	3.273%
8	12.922	1699	1706	1724	rBV	4372736	6748654	70.30%	13.309%
9	13.216	1750	1756	1766	rBV	219064	345610	3.60%	0.682%
10	13.763	1842	1849	1870	rBV	673438	1033704	10.77%	2.039%
11	14.304	1934	1941	1961	rBV	1531449	2277006	23.72%	4.491%
12	15.798	2188	2195	2219	rBV	3147055	4851606	50.54%	9.568%
13	17.057	2402	2409	2421	rBV	1780947	2694430	28.07%	5.314%
14	17.975	2560	2565	2584	rBV2	260064	503001	5.24%	0.992%
15	19.210	2771	2775	2782	rBV2	80472	154735	1.61%	0.305%
16	19.633	2841	2847	2861	rVB	7185006	9599623	100.00%	18.932%
17	20.880	3055	3059	3074	rBV	912499	1247598	13.00%	2.460%
18	21.145	3099	3104	3118	rVB	2558276	3324770	34.63%	6.557%
19	23.380	3477	3484	3500	rVB	1872681	3573587	37.23%	7.048%

Sum of corrected areas: 50706925

LSC Report - Integrated Chromatogram

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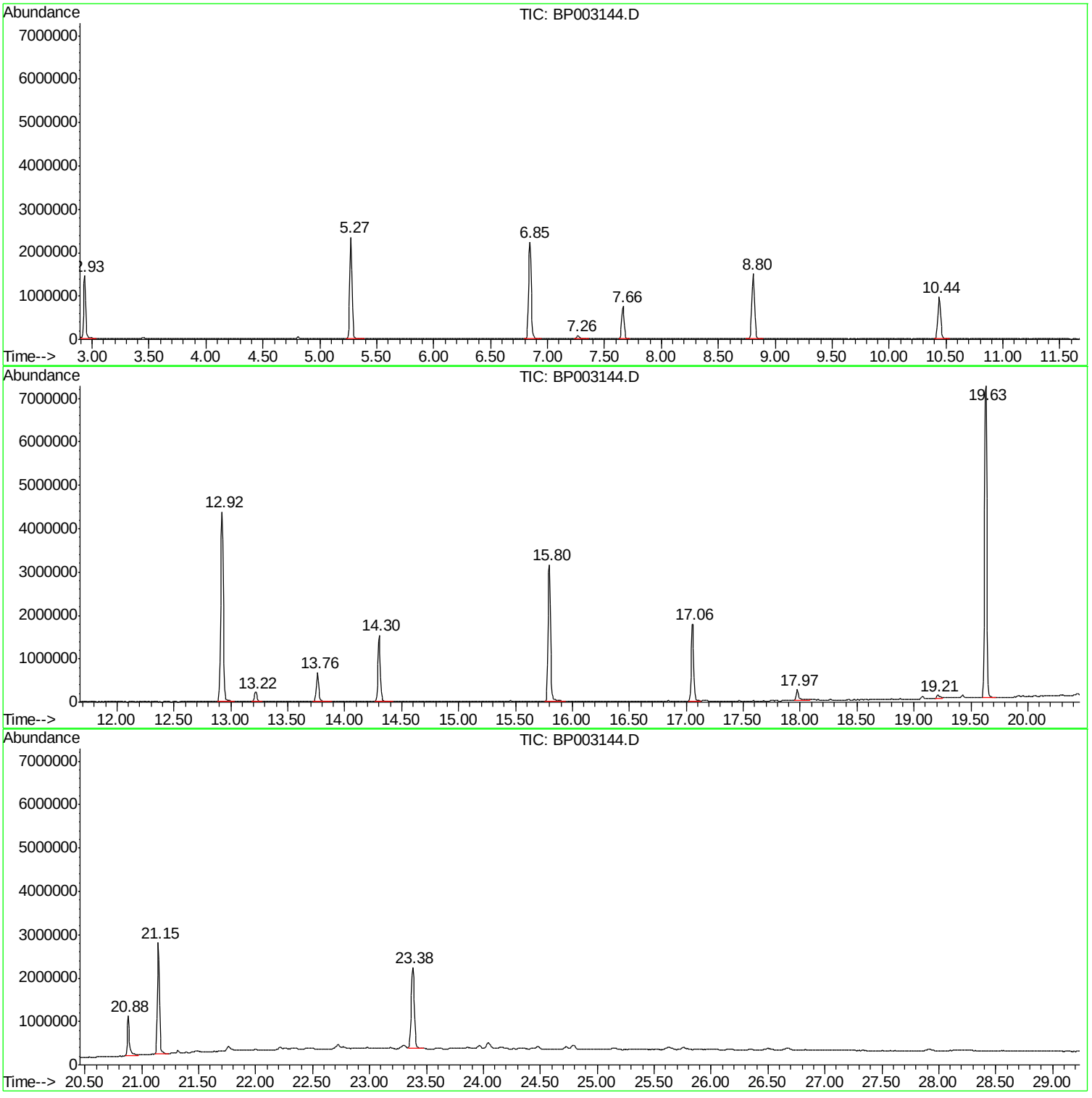
Sample : L3806-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-14A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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

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Misc :
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Instrument : BNA_P
ClientSampleId : TP-14A-S

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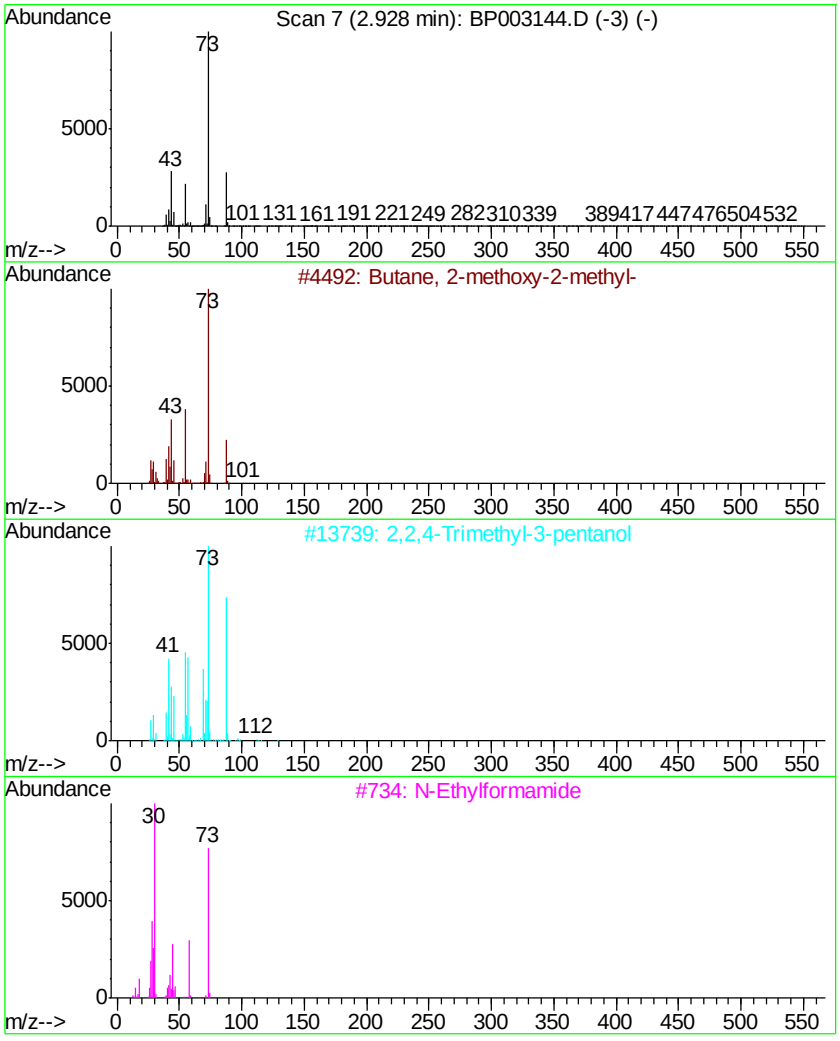
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

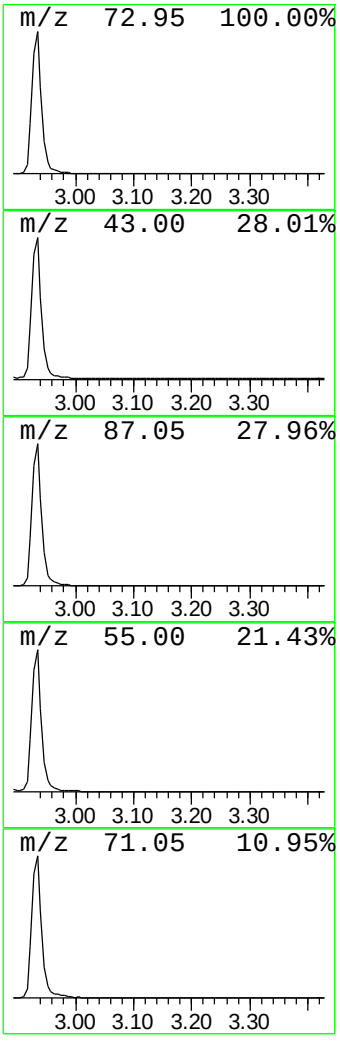
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	29.02 ng	1694460	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Instrument : BNA_P
ClientSampleId : TP-14A-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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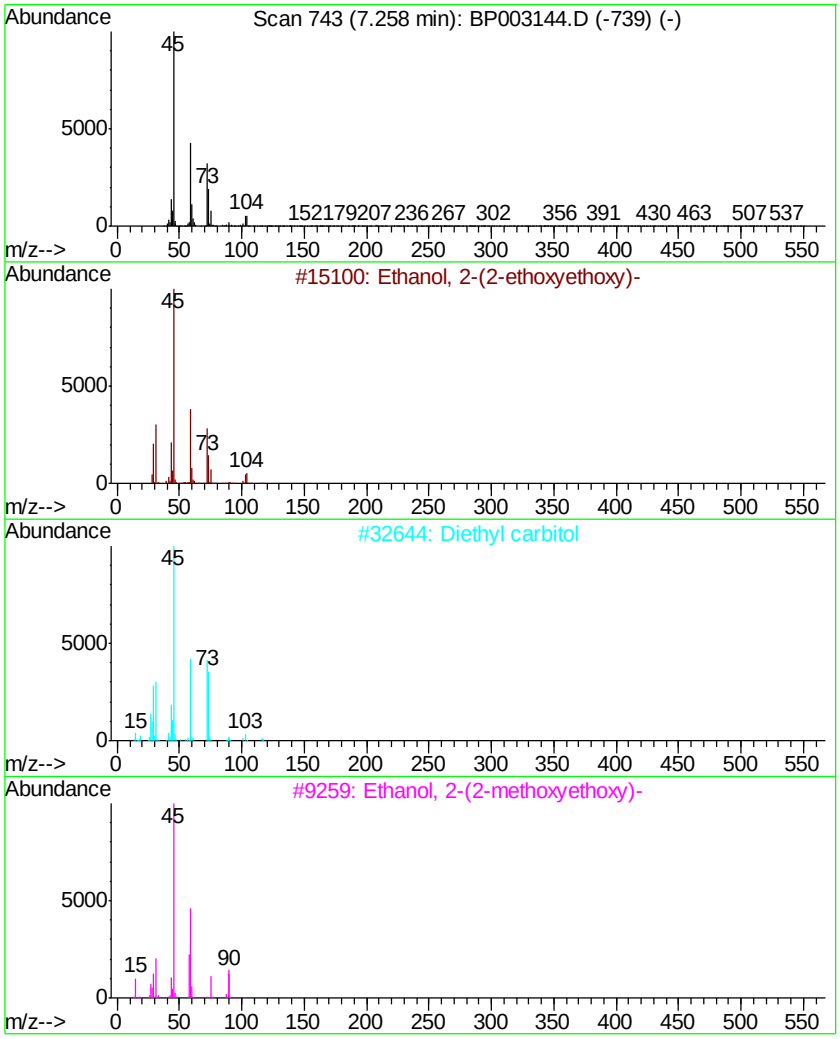
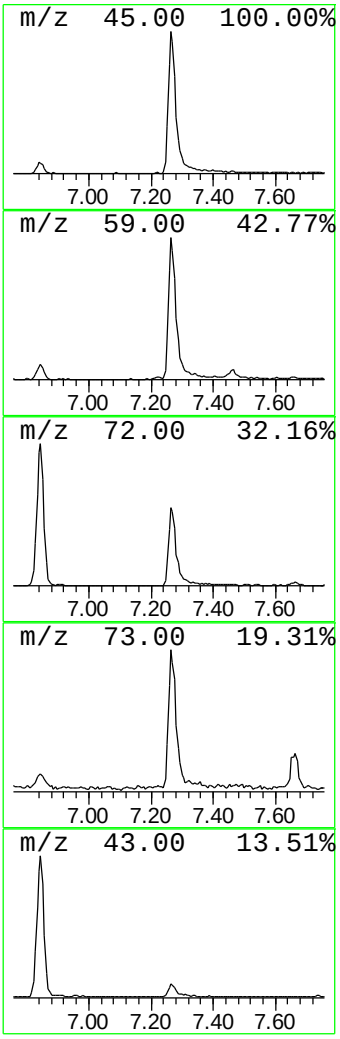
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	2.56 ng	149409	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45





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ClientSampleId : TP-14A-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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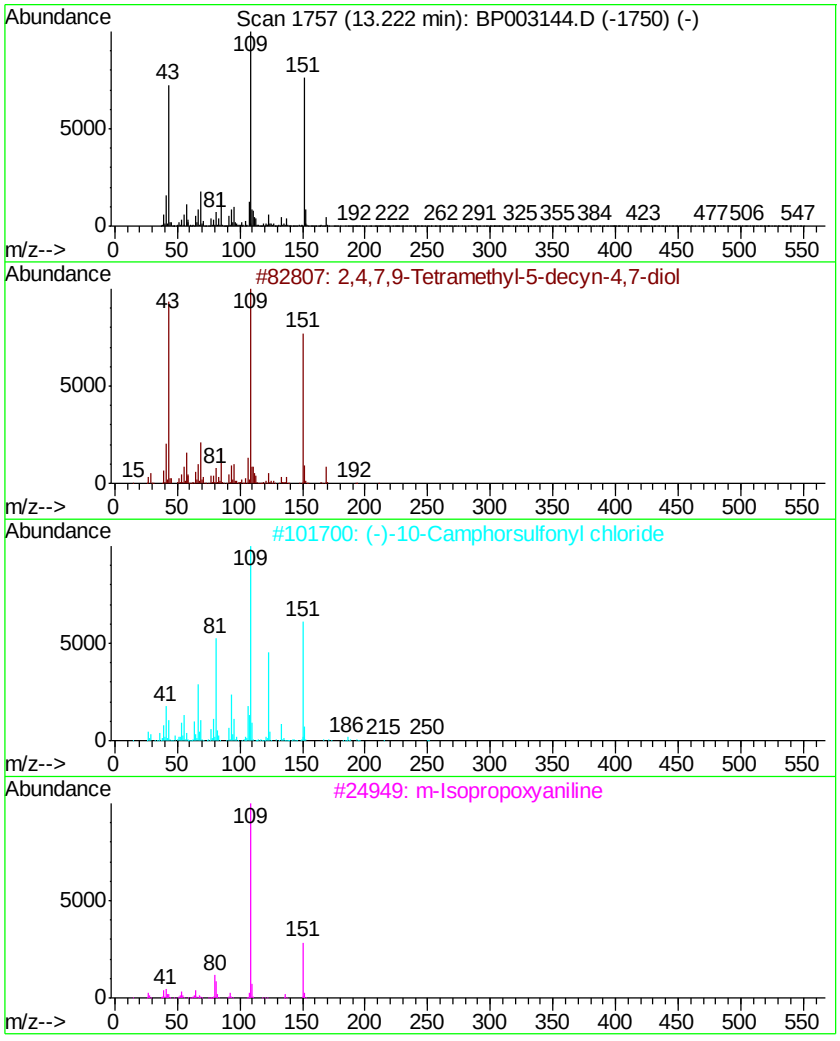
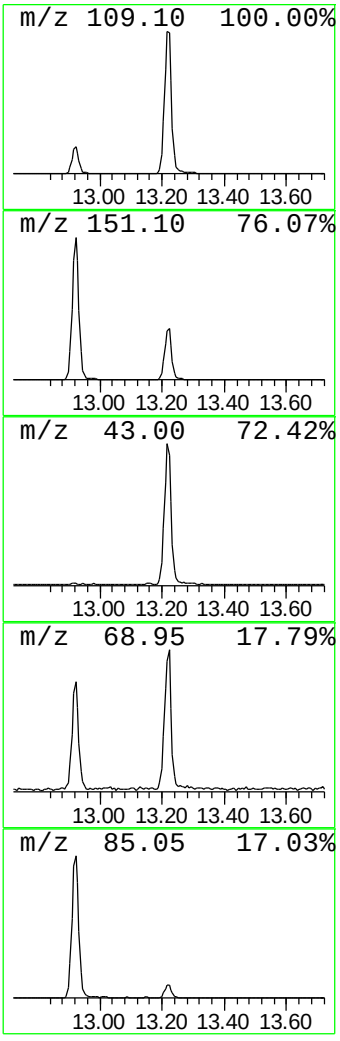
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.04 ng	345610	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	72
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	53
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47





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ClientSampleId : TP-14A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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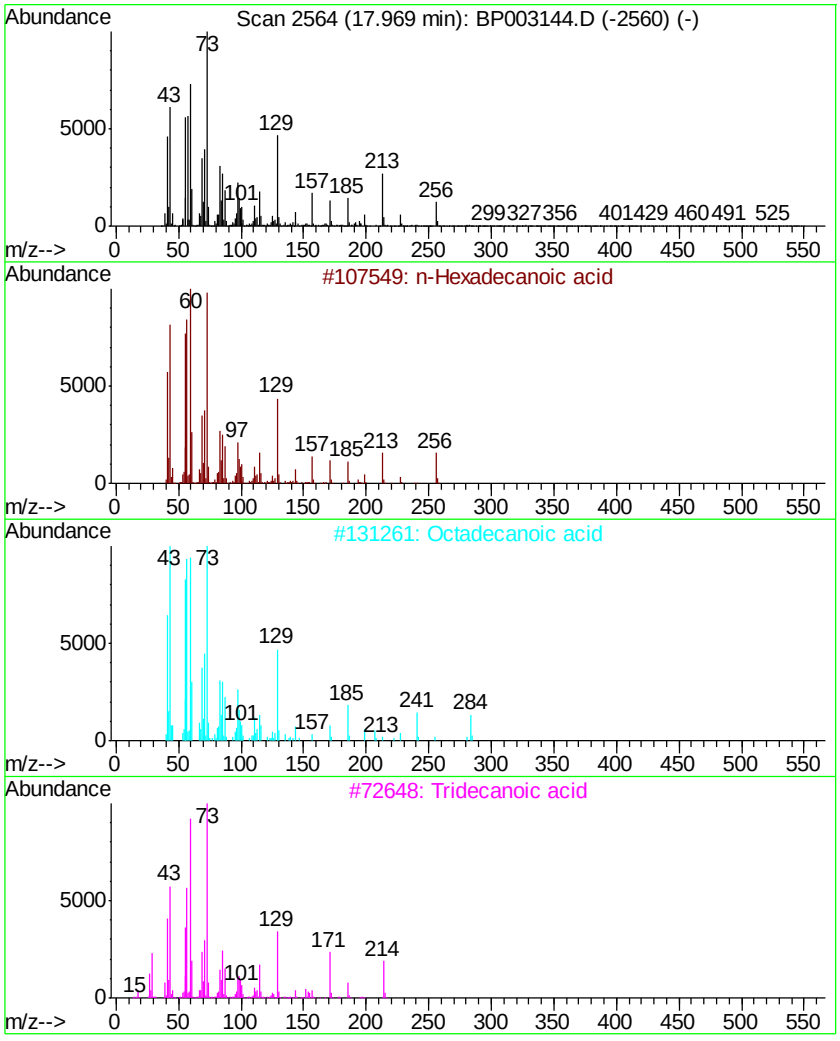
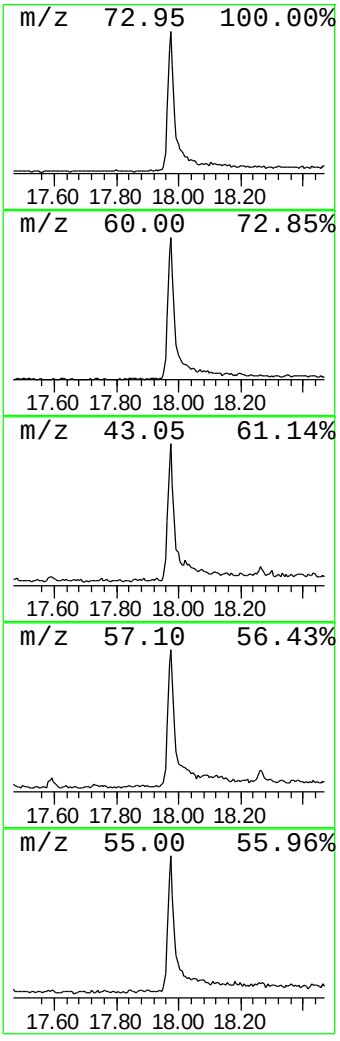
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.73 ng	503001	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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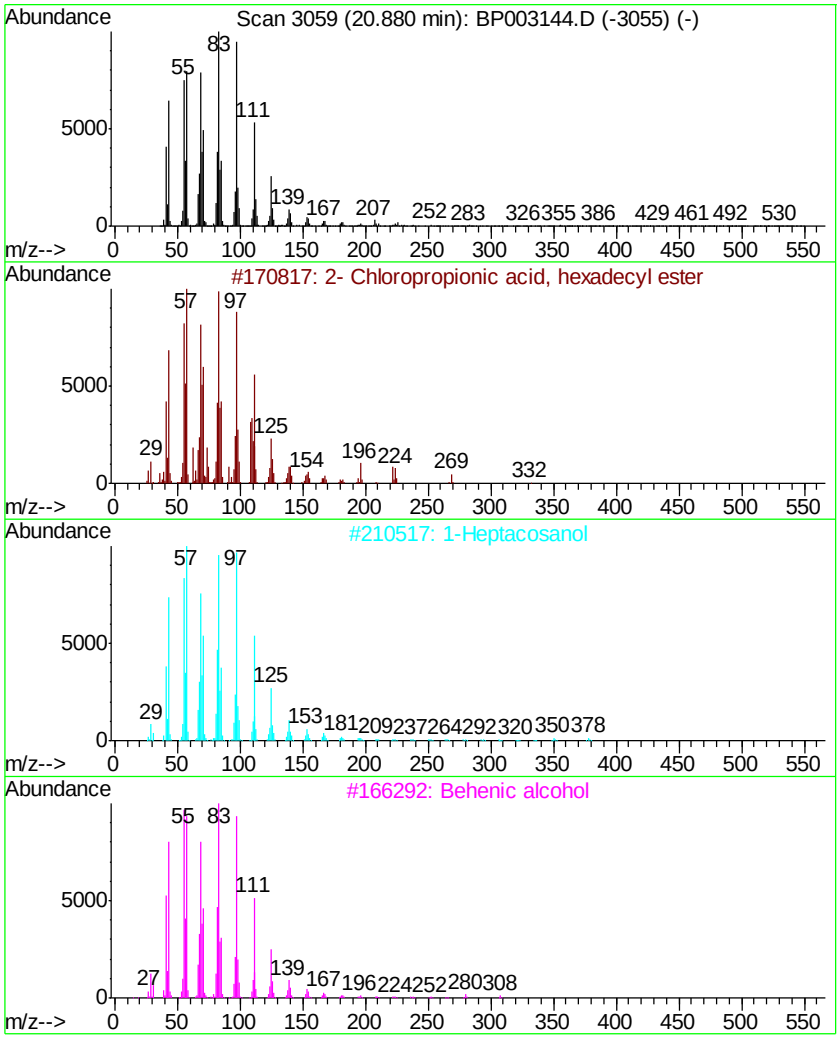
TIC Integration Parameters: LSCINT.P

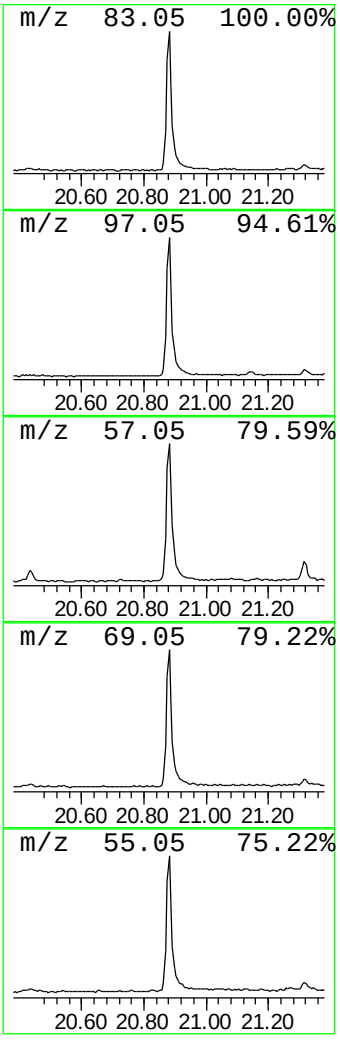
****

Peak Number 5 2- Chloropropionic acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	7.50 ng	1247600	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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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...	2.93	29.0	ng	1694460	1	7.66	1167630	20.0
Ethanol, 2-(2-eth...	7.26	2.6	ng	149409	1	7.66	1167630	20.0
2,4,7,9-Tetrameth...	13.22	3.0	ng	345610	3	14.30	2277010	20.0
n-Hexadecanoic acid	17.97	3.7	ng	503001	4	17.06	2694430	20.0
2- Chloropropioni...	20.88	7.5	ng	1247600	5	21.15	3324770	20.0