LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019254.D
Acq On : 20 Mar 2019 05:17
Operator : JU/SJ
Sample : K1948-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-026-B034-031319

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_M\METHODS\8270-BM031119.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	5.234	376	382	398	rBV	4078162	6089583	38.32%	7.509%
2	6.822	644	652	670	rBV	4484654	7108721	44.73%	8.765%
3	7.169	704	711	726	rBV	4441366	7011518	44.12%	8.645%
4	7.633	784	790	798	rBV	671315	1060101	6.67%	1.307%
5	7.951	836	844	855	rBV	2958626	4656171	29.30%	5.741%
6	8.804	982	989	1005	rBV	2329639	3985448	25.08%	4.914%
7	10.422	1257	1264	1285	rBV	838030	1534380	9.65%	1.892%
8	12.904	1679	1686	1697	rBV	6954348	10046104	63.21%	12.387%
9	13.168	1726	1731	1740	rVB	166376	267659	1.68%	0.330%
10	13.757	1825	1831	1845	rBV	464832	733487	4.62%	0.904%
11	14.292	1915	1922	1935	rVB2	1481109	2289024	14.40%	2.822%
12	15.792	2171	2177	2194	rBV	6515020	9093635	57.22%	11.213%
13	17.045	2384	2390	2402	rBV2	1943568	2878630	18.11%	3.549%
14	17.939	2537	2542	2551	rBV	290611	466466	2.94%	0.575%
15	18.803	2684	2689	2697	rBV	696860	1114299	7.01%	1.374%
16	19.692	2833	2840	2848	rBV	12500182	15892378	100.00%	19.596%
17	20.950	3050	3054	3066	rVB	611989	855571	5.38%	1.055%
18	21.244	3099	3104	3116	rBV	2289428	3204204	20.16%	3.951%
19	22.768	3360	3363	3368	rVB	133094	177496	1.12%	0.219%
20	23.474	3477	3483	3497	rVB	1387993	2636269	16.59%	3.251%

Sum of corrected areas: 81101144

LSC Report - Integrated Chromatogram

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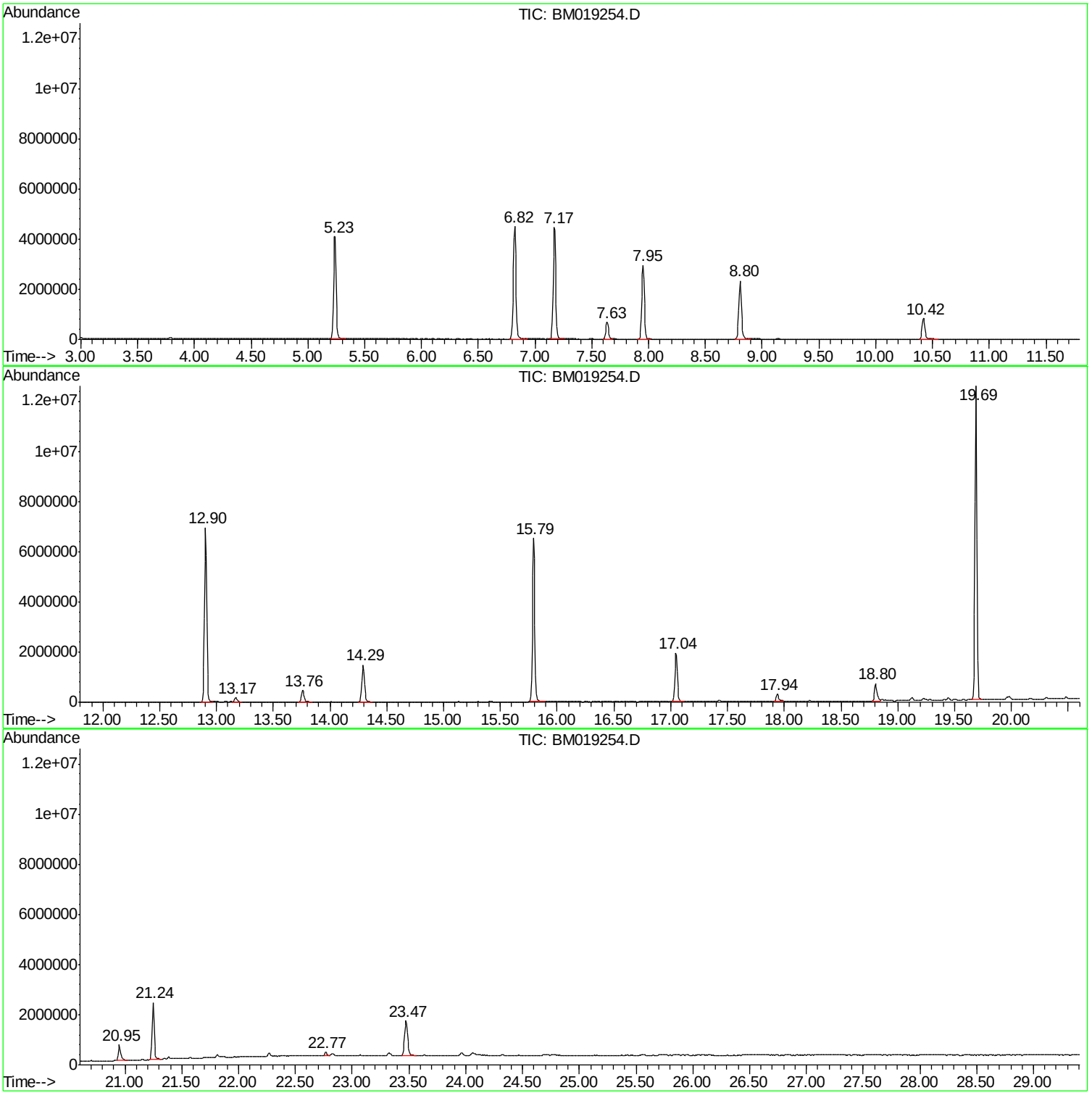
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019254.D
Acq On : 20 Mar 2019 05:17
Operator : JU/SJ
Sample : K1948-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-026-B034-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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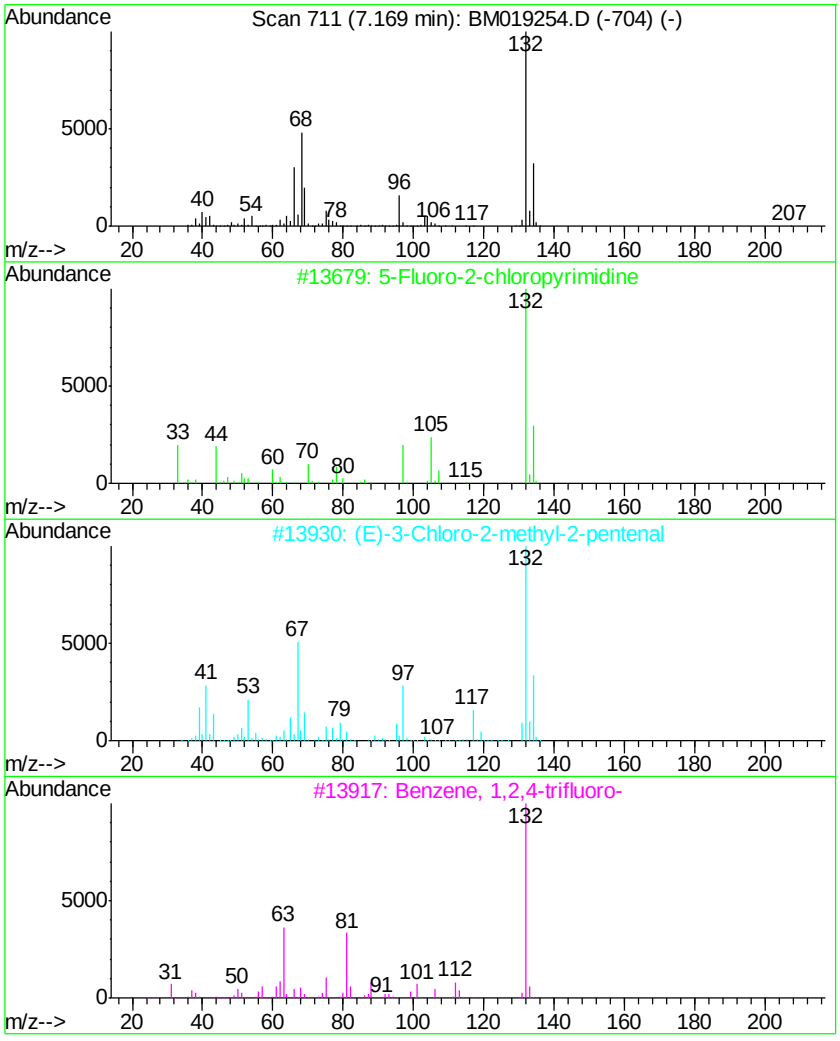
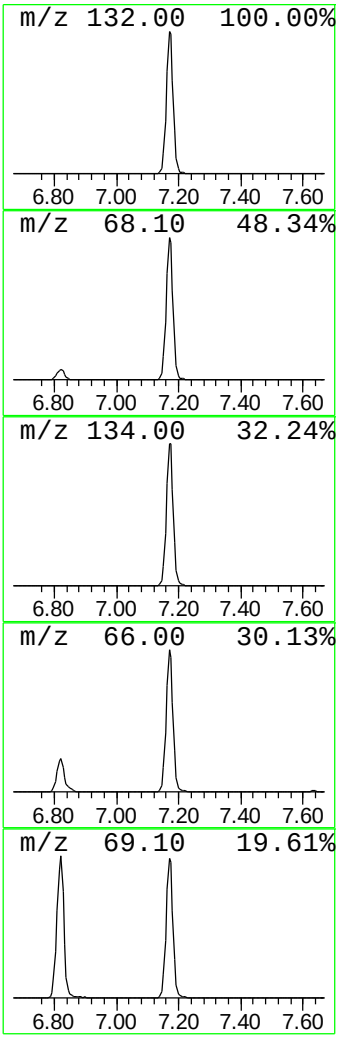
Peak Number 1 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	132.28 ng	7011520	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : PST-026-B034-031319

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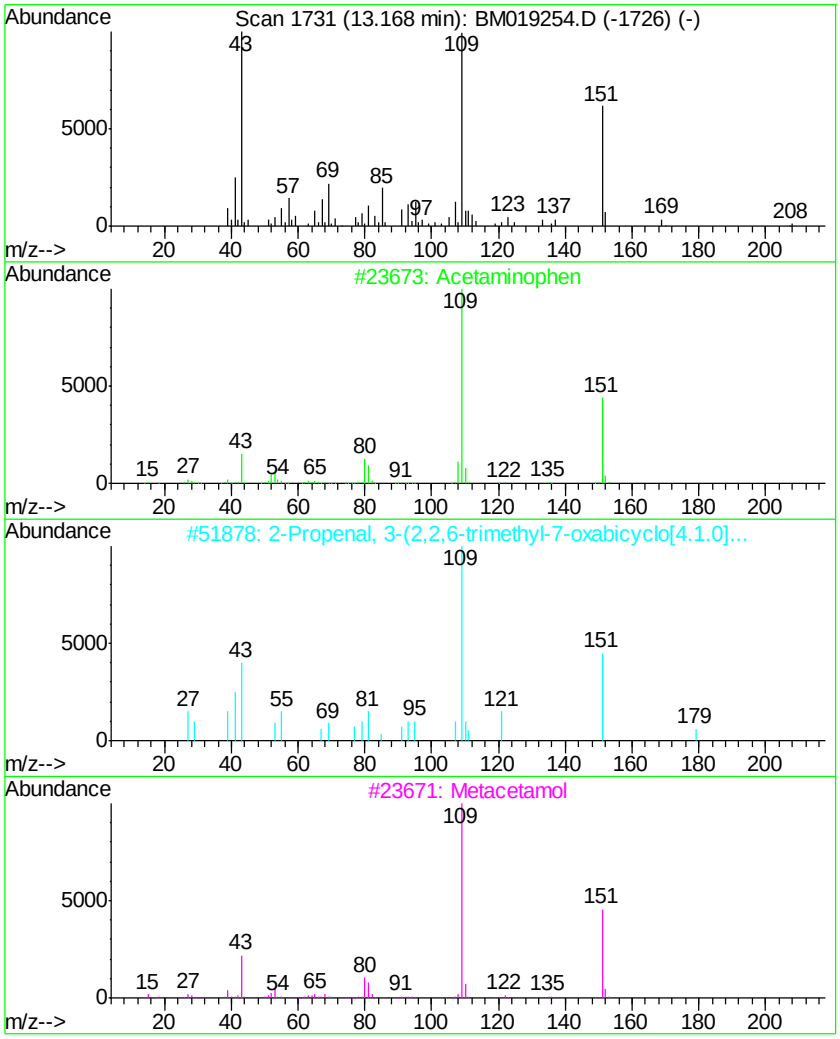
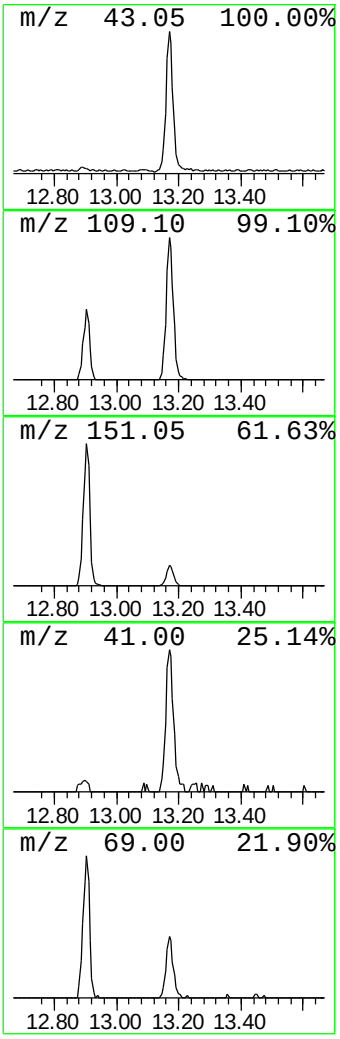
Peak Number 3 Acetaminophen Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.34 ng	267659	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaminophen	151	C8H9NO2	000103-90-2	52
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	50
3	Metacetamol	151	C8H9NO2	000621-42-1	50
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50





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Sample : K1948-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-026-B034-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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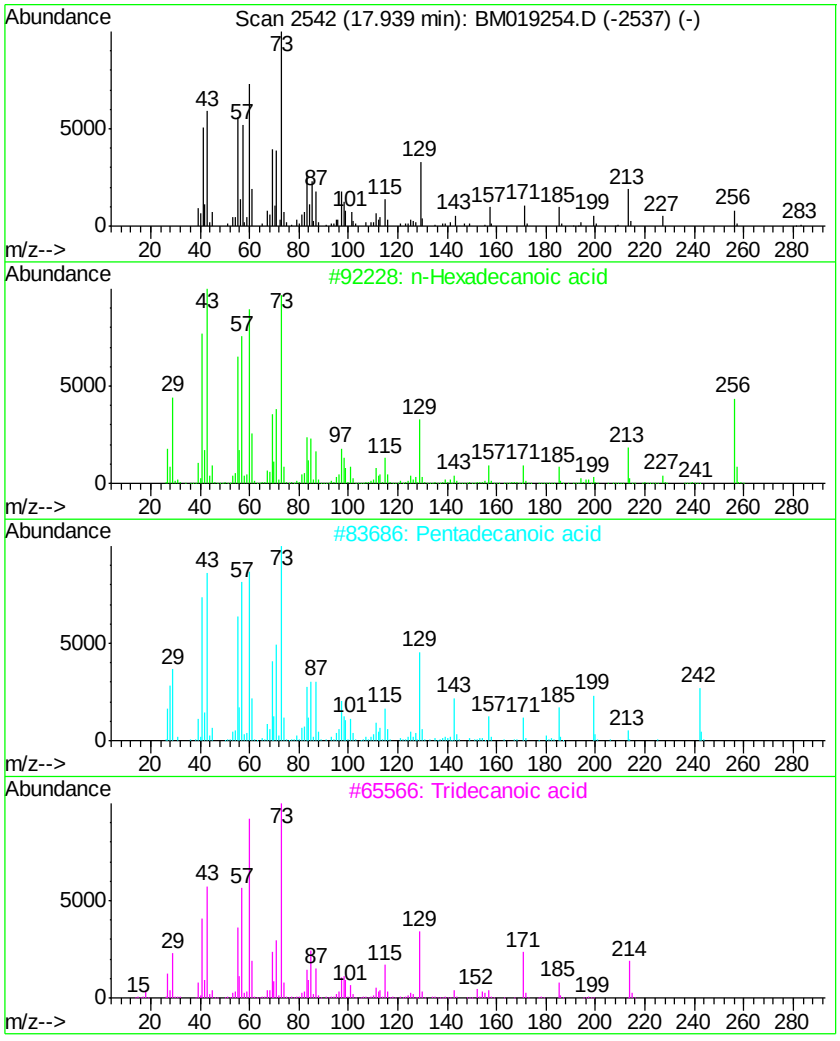
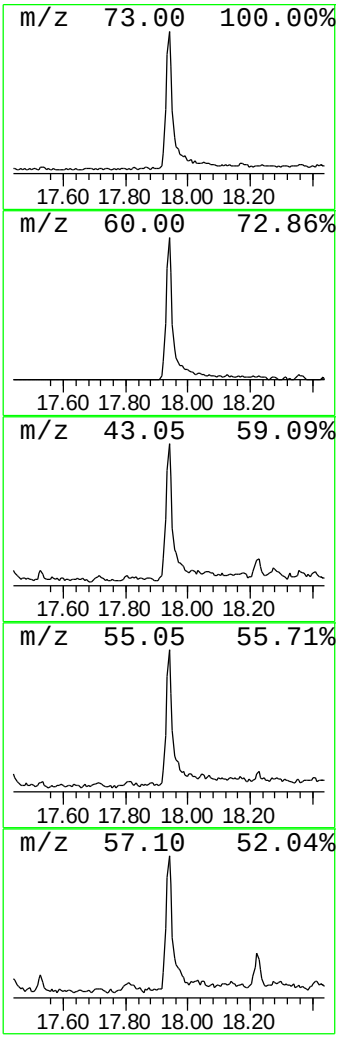
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.24 ng	466466	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecane	184	C13H28	000629-50-5	18





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Misc :
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Instrument : BNA_M
ClientSampleId : PST-026-B034-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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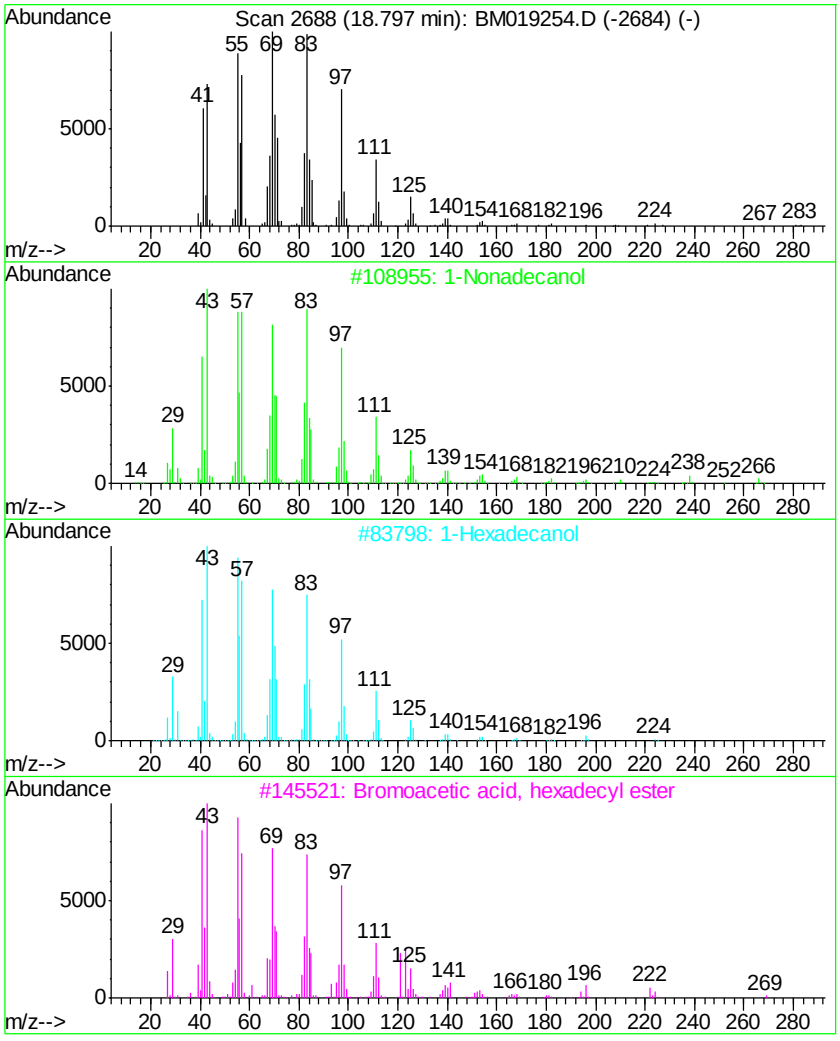
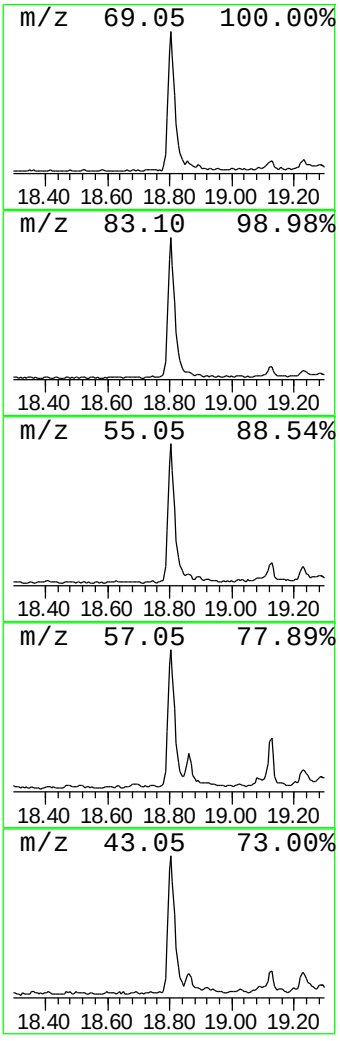
Peak Number 5 1-Nonadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	7.74 ng	1114300	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





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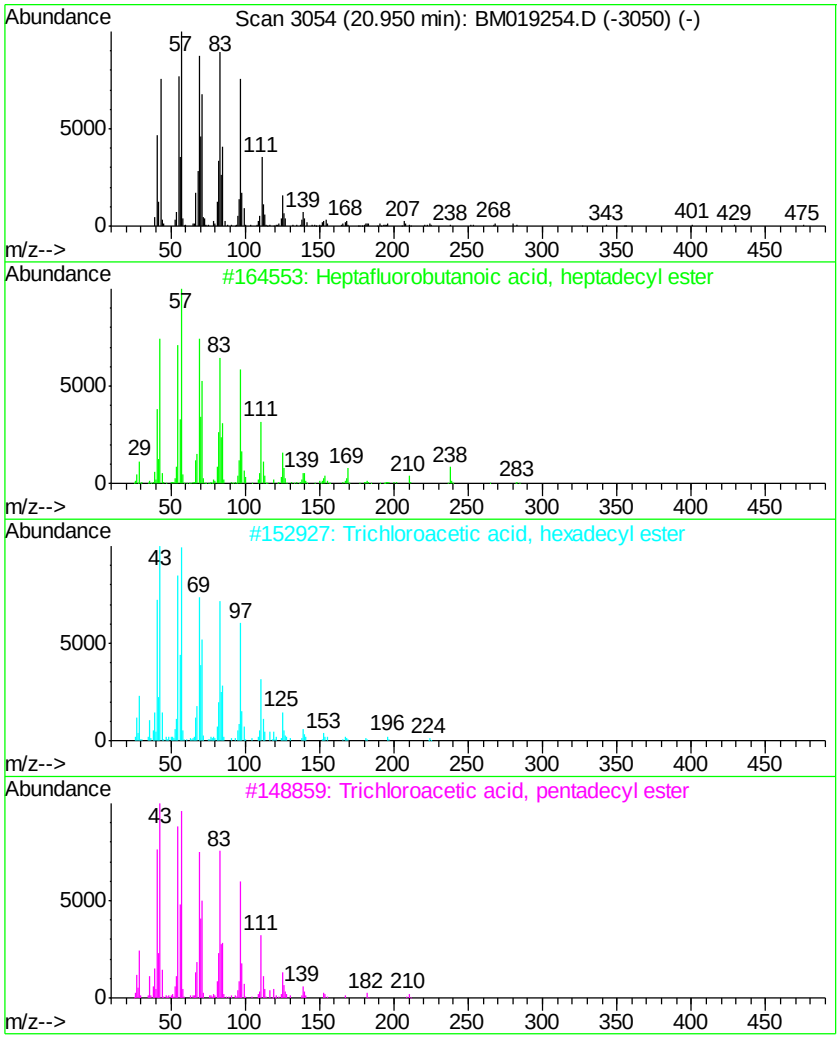
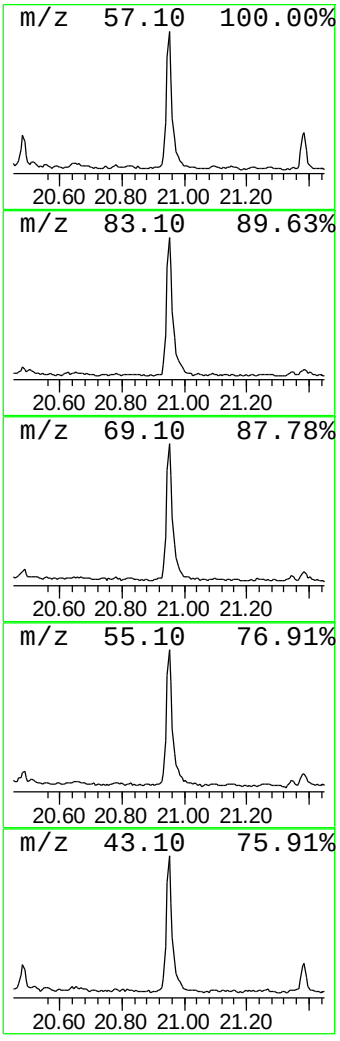
****

Peak Number 6 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.34 ng	855571	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.17	7.17	132.3	ng	7011520	1	7.63	1060100	20.0
Acetaminophen	13.17	2.3	ng	267659	3	14.29	2289020	20.0
n-Hexadecanoic acid	17.94	3.2	ng	466466	4	17.04	2878630	20.0
1-Nonadecanol	18.80	7.7	ng	1114300	4	17.04	2878630	20.0
Heptafluorobutano...	20.95	5.3	ng	855571	5	21.24	3204200	20.0