LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010497.D
Acq On : 10 Jun 2017 22:11
Operator : SJ/MA
Sample : I3558-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A55

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	325	329	336	rBV2	99174	144704	3.45%	0.363%
2	6.534	581	586	595	rVB3	50999	84195	2.01%	0.211%
3	7.081	669	679	692	rBV	380975	660153	15.74%	1.656%
4	7.234	699	705	711	rBV	246204	376330	8.97%	0.944%
5	7.434	732	739	749	rVB	418092	689531	16.44%	1.729%
6	7.893	810	817	830	rVB	777478	1222491	29.15%	3.066%
7	8.616	934	940	949	rBV	444573	757958	18.08%	1.901%
8	9.081	1012	1019	1028	rBV	345077	586229	13.98%	1.470%
9	9.792	1131	1140	1149	rBV2	331122	582694	13.90%	1.461%
10	10.322	1220	1230	1238	rBV	541420	959943	22.89%	2.407%
11	10.698	1287	1294	1300	rBV	888098	1509653	36.00%	3.786%
12	10.863	1314	1322	1331	rBV	402722	756476	18.04%	1.897%
13	13.357	1742	1746	1752	rBV7	24027	48755	1.16%	0.122%
14	13.945	1840	1846	1850	rBV	1041624	1462729	34.88%	3.668%
15	13.992	1850	1854	1862	rVB2	349821	488098	11.64%	1.224%
16	14.227	1885	1894	1904	rBV	992108	1528738	36.46%	3.834%
17	14.451	1924	1932	1937	rBV3	277376	442446	10.55%	1.110%
18	14.533	1939	1946	1954	rBV2	1415687	2169416	51.74%	5.440%
19	14.774	1978	1987	1998	rBV2	392130	731464	17.44%	1.834%
20	15.521	2107	2114	2121	rBV	1465231	2075837	49.51%	5.206%
21	15.645	2130	2135	2142	rBV	441289	624485	14.89%	1.566%
22	17.280	2406	2413	2418	rBV	1976862	2805626	66.91%	7.036%
23	17.374	2423	2429	2438	rVV2	1721470	2444128	58.29%	6.129%
24	18.121	2551	2556	2564	rBV3	260828	412976	9.85%	1.036%
25	19.286	2750	2754	2755	rBV4	31114	47399	1.13%	0.119%
26	19.398	2769	2773	2779	rBV6	119470	162717	3.88%	0.408%
27	19.668	2813	2819	2827	rBV	2288828	3190255	76.08%	8.001%
28	20.033	2878	2881	2885	rVB2	80854	99361	2.37%	0.249%
29	20.986	3039	3043	3050	rBV	740677	854820	20.39%	2.144%
30	21.445	3116	3121	3126	rBV	3370180	4085011	97.42%	10.244%
31	23.633	3486	3493	3500	rVB	1927831	3677789	87.71%	9.223%
32	23.780	3512	3518	3527	rVB	2186315	4193100	100.00%	10.515%

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

Sum of corrected areas: 39875507

LSC Report - Integrated Chromatogram

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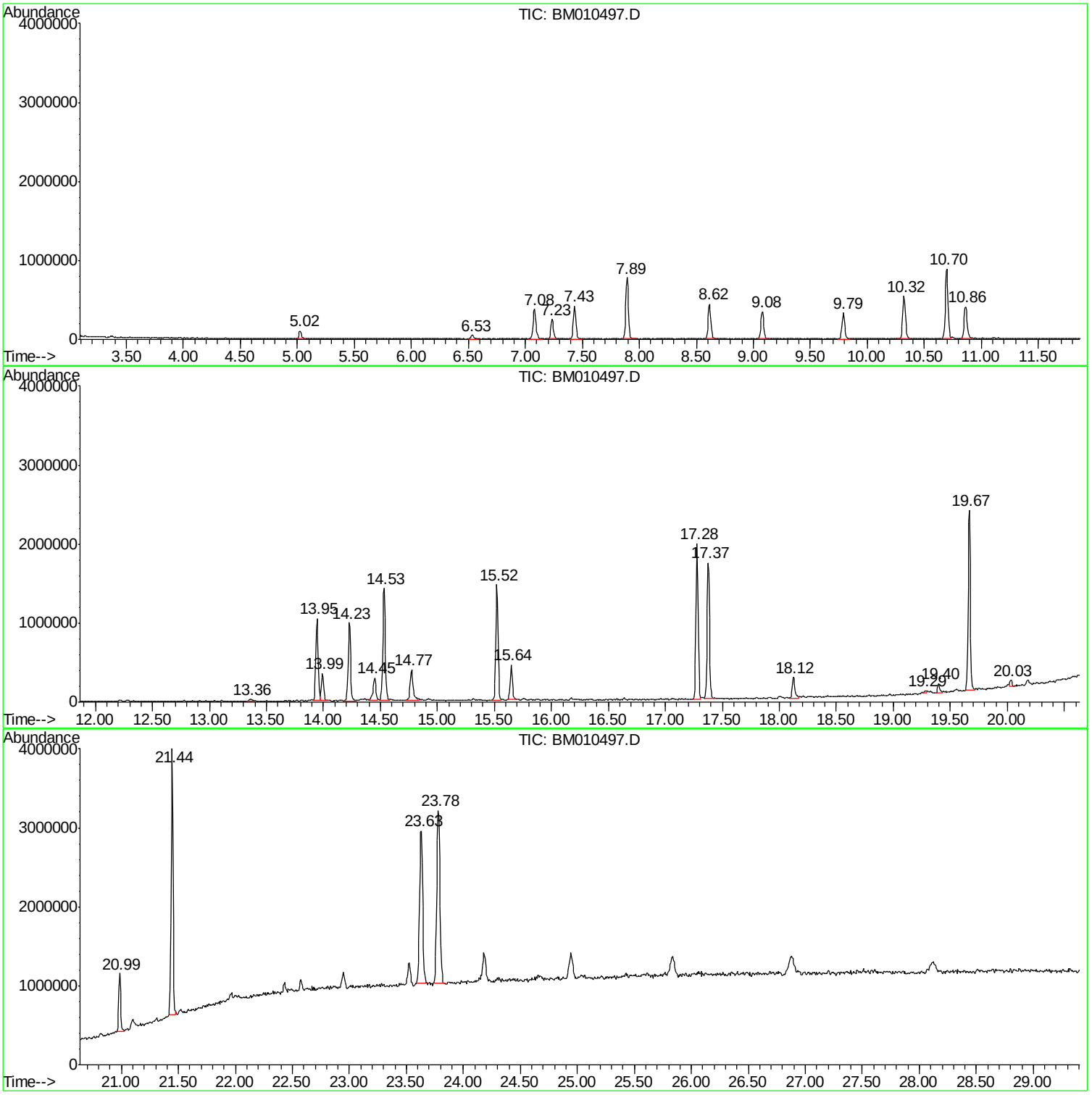
Operator : SJ/MA
Sample : I3558-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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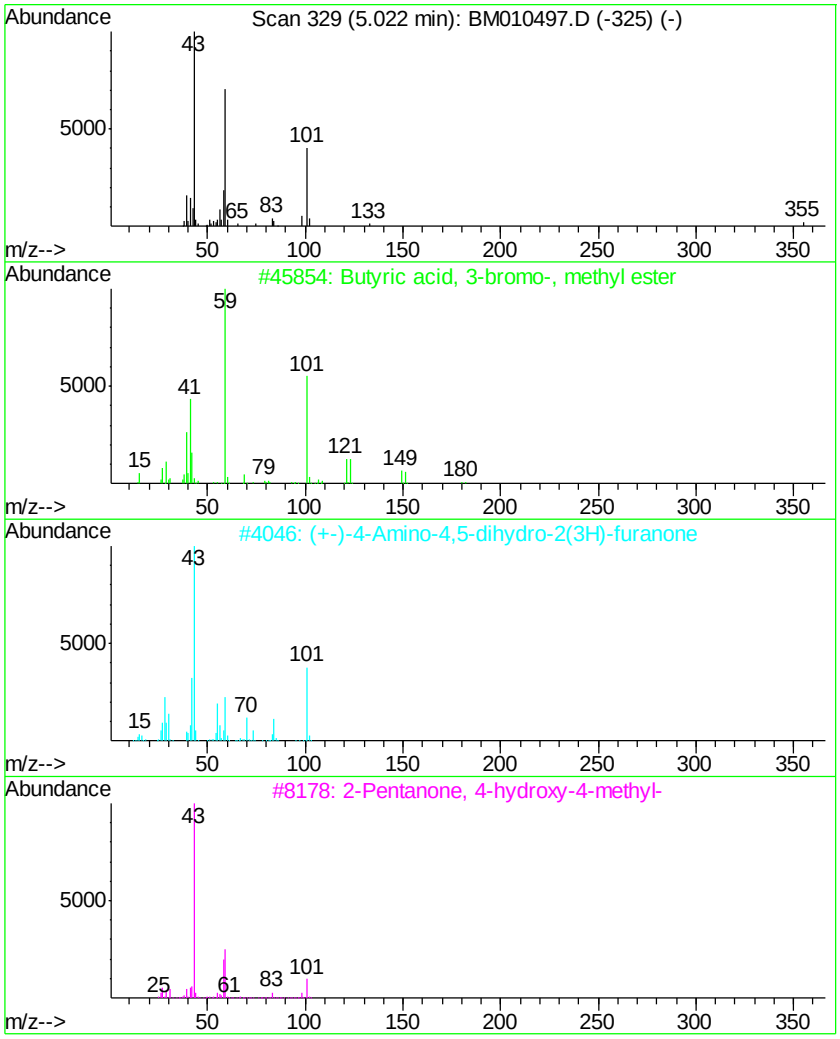
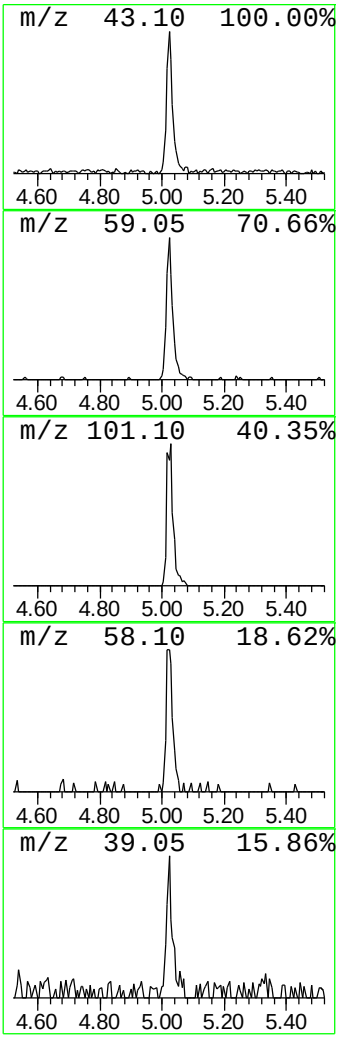
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.37 ng/ul	144704	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	42
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	Succinic acid, 2-methoxyethyl no...	302	C16H30O5	1000325-80-9	33
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33





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Quant Title : SVOA CALIBRATION

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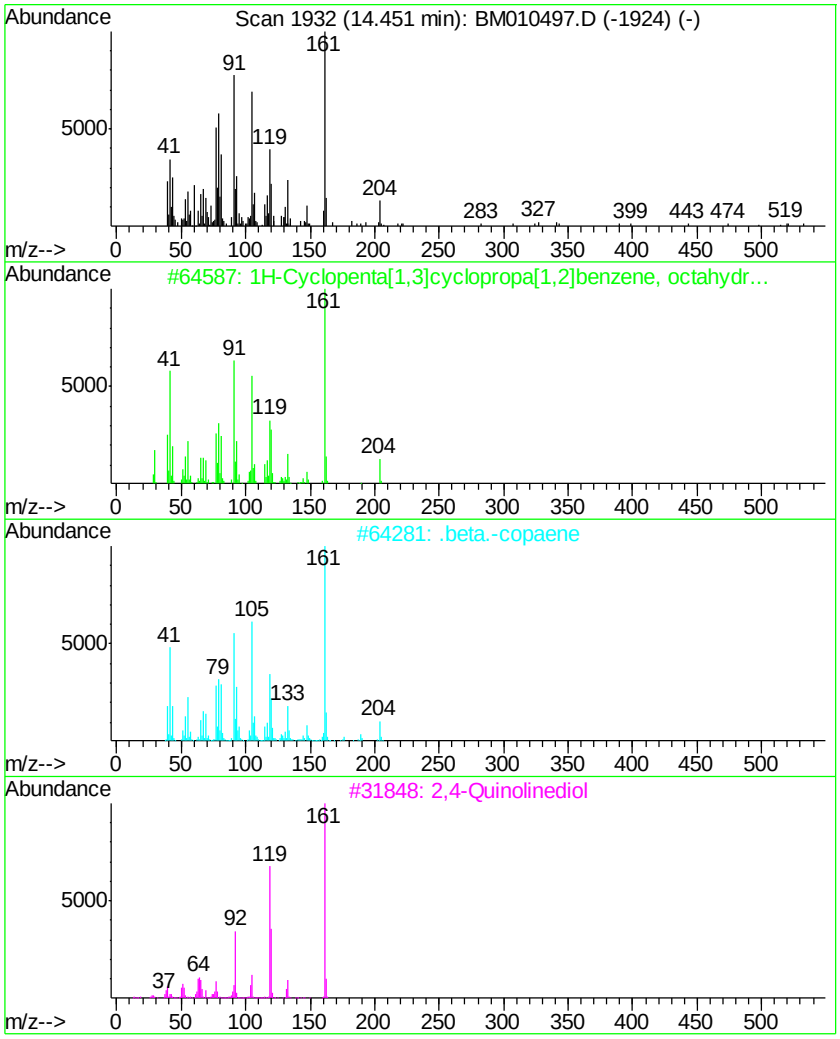
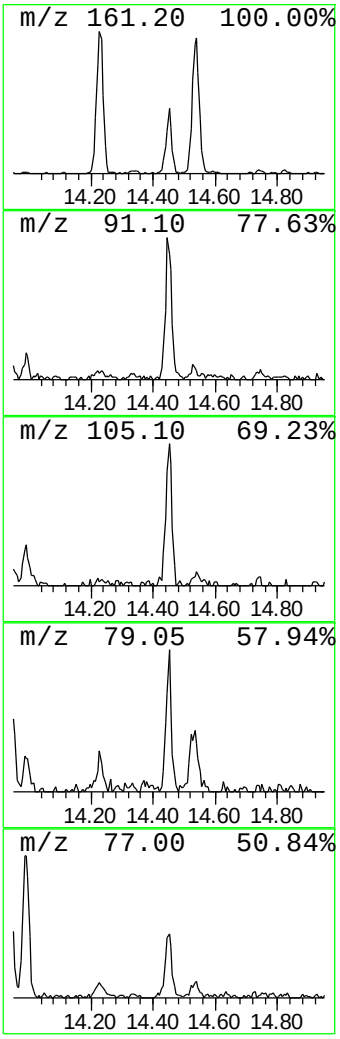
Peak Number 2 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.08 ng/ul	442446	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	92
2	.beta.-copaene	204	C15H24	1000374-18-9	90
3	2,4-Quinolinediol	161	C9H7NO2	000086-95-3	62
4	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	62
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	58





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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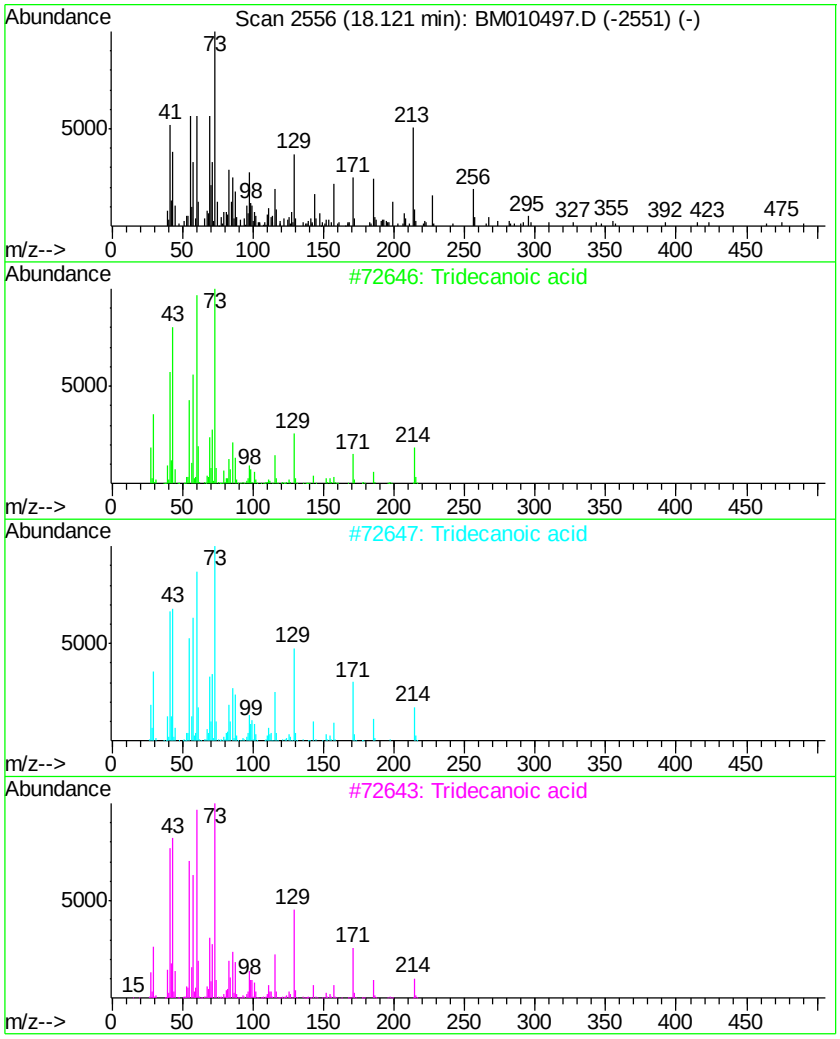
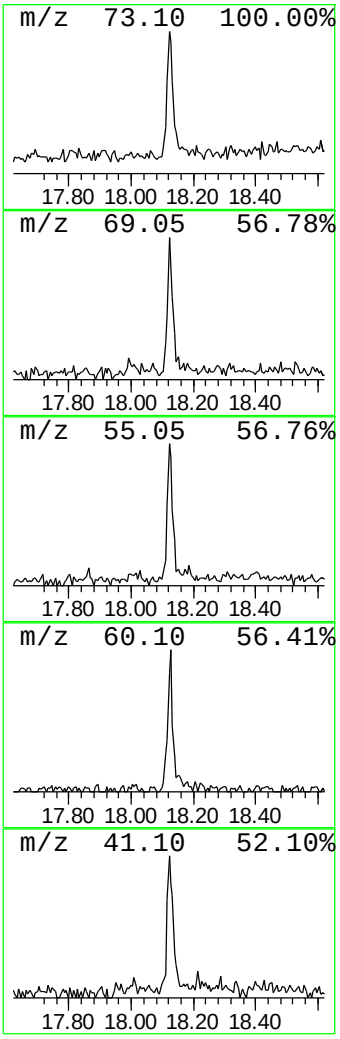
Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.94 ng/ul	412976	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





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Quant Title : SVOA CALIBRATION

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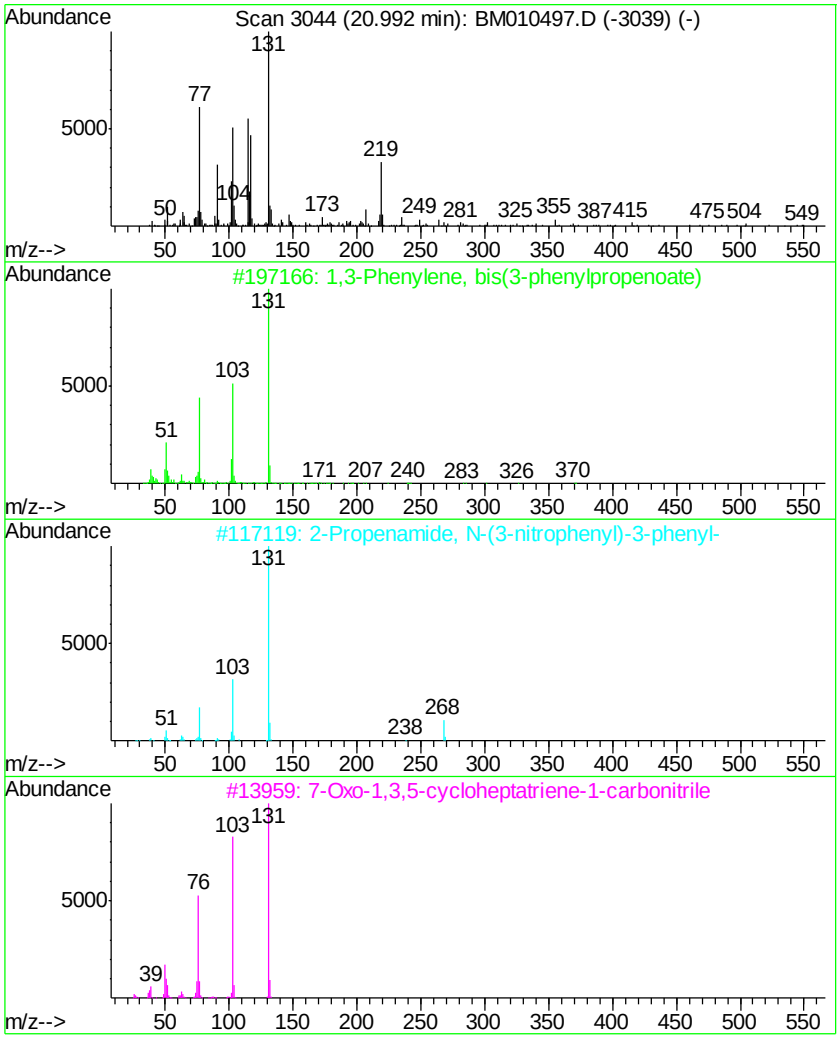
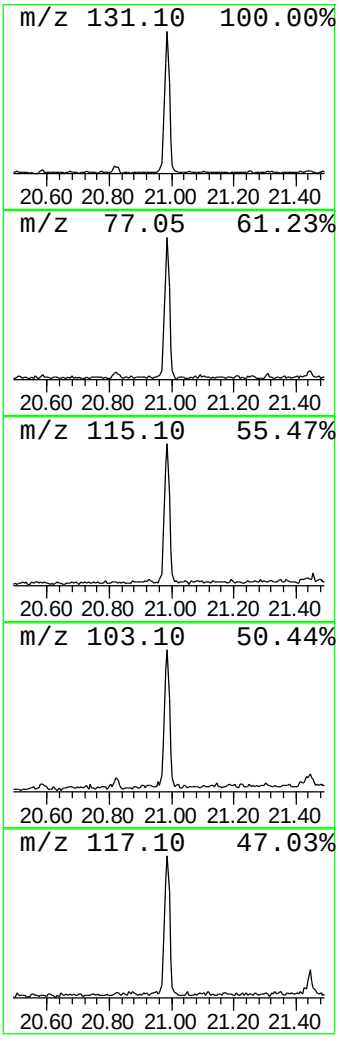
Peak Number 4 1,3-Phenylene, bis(3-phenyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.19 ng/ul	854820	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	60
2	2-Propenamide, N-(3-nitrophenyl)...	268	C15H12N2O3	055000-38-9	43
3	7-Oxo-1,3,5-cycloheptatriene-1-c...	131	C8H5NO	000934-19-0	38
4	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	38
5	Propenamide, 3-phenyl-N-(3-ethyn...	247	C17H13NO	294667-02-0	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.02	2.4	ng/ul	144704	1	7.89	1222490	20.0
1H-Cyclopenta[1,3...	14.45	4.1	ng/ul	442446	3	14.53	2169420	20.0
Tridecanoic acid	18.12	2.9	ng/ul	412976	4	17.28	2805630	20.0
1,3-Phenylene, bi...	20.99	4.2	ng/ul	854820	5	21.44	4085010	20.0