LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005515.D
Acq On : 20 May 2016 01:33
Operator : UM/SJ
Sample : H2890-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT7

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\SOM02.2-EPA-BM051816.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	6.998	743	750	758	rBV	217721	367228	8.20%	1.197%
2	7.169	772	779	785	rBV	136932	219399	4.90%	0.715%
3	7.369	806	813	822	rVB	207961	346535	7.74%	1.130%
4	7.834	886	892	901	rBV	369980	615337	13.74%	2.006%
5	8.534	1002	1011	1018	rBV	276550	468496	10.46%	1.528%
6	8.739	1038	1046	1060	rBV2	68685	314704	7.03%	1.026%
7	8.987	1082	1088	1096	rVB	194041	327642	7.31%	1.068%
8	9.710	1204	1211	1217	rBV	178116	304104	6.79%	0.992%
9	10.239	1295	1301	1310	rVB	317929	552811	12.34%	1.802%
10	10.628	1356	1367	1374	rBV	607290	1072504	23.94%	3.497%
11	10.757	1382	1389	1395	rBV	224255	439570	9.81%	1.433%
12	12.216	1627	1637	1645	rBV4	114093	285646	6.38%	0.931%
13	13.298	1815	1821	1826	rBV	202122	289381	6.46%	0.944%
14	13.874	1913	1919	1923	rBV	637179	872729	19.48%	2.846%
15	13.922	1923	1927	1932	rVB	197688	265443	5.93%	0.865%
16	14.157	1961	1967	1976	rVB	750472	1105620	24.68%	3.605%
17	14.239	1976	1981	1989	rBV	37801	89344	1.99%	0.291%
18	14.463	2011	2019	2028	rVB2	1138648	1804468	40.28%	5.883%
19	14.651	2045	2051	2061	rBV	405910	621317	13.87%	2.026%
20	15.457	2182	2188	2195	rBV	1070546	1567704	35.00%	5.111%
21	15.568	2202	2207	2216	rBV2	192960	288091	6.43%	0.939%
22	15.716	2226	2232	2237	rBV4	63508	119920	2.68%	0.391%
23	16.615	2379	2385	2393	rBV	864840	1306051	29.16%	4.258%
24	17.204	2480	2485	2491	rBV	1676010	2423530	54.11%	7.902%
25	17.304	2497	2502	2509	rBV	1267811	1779457	39.73%	5.802%
26	18.104	2635	2638	2643	rBV3	272495	398359	8.89%	1.299%
27	19.592	2888	2891	2896	rVB	1441698	1868152	41.71%	6.091%
28	21.386	3193	3196	3201	rVB	2488874	3047446	68.03%	9.936%
29	23.674	3581	3585	3596	rVB2	2146076	4479277	100.00%	14.605%
30	24.309	3689	3693	3707	rVB	1422253	3029998	67.64%	9.879%

Sum of corrected areas: 30670263

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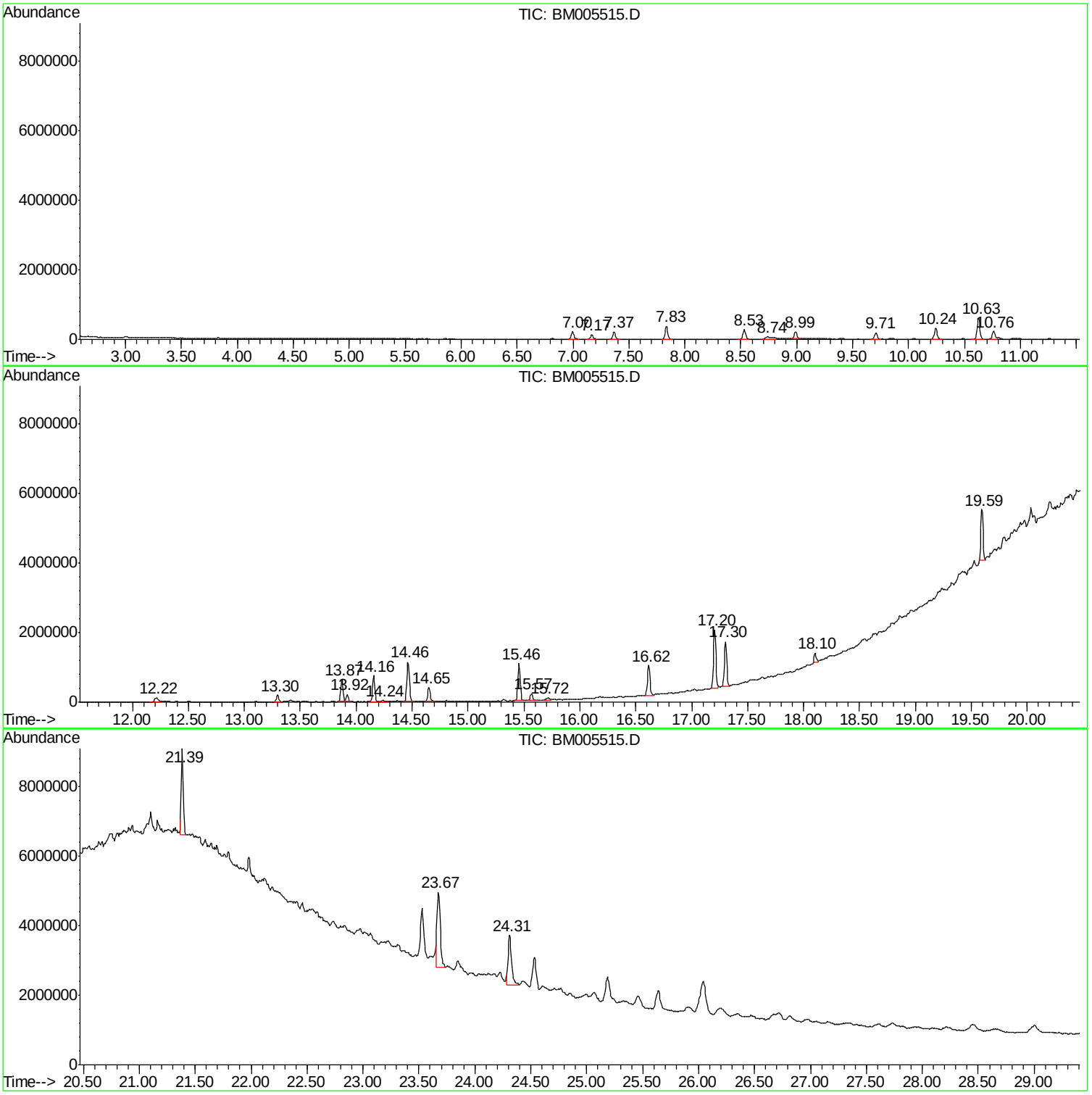
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : D9WT7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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

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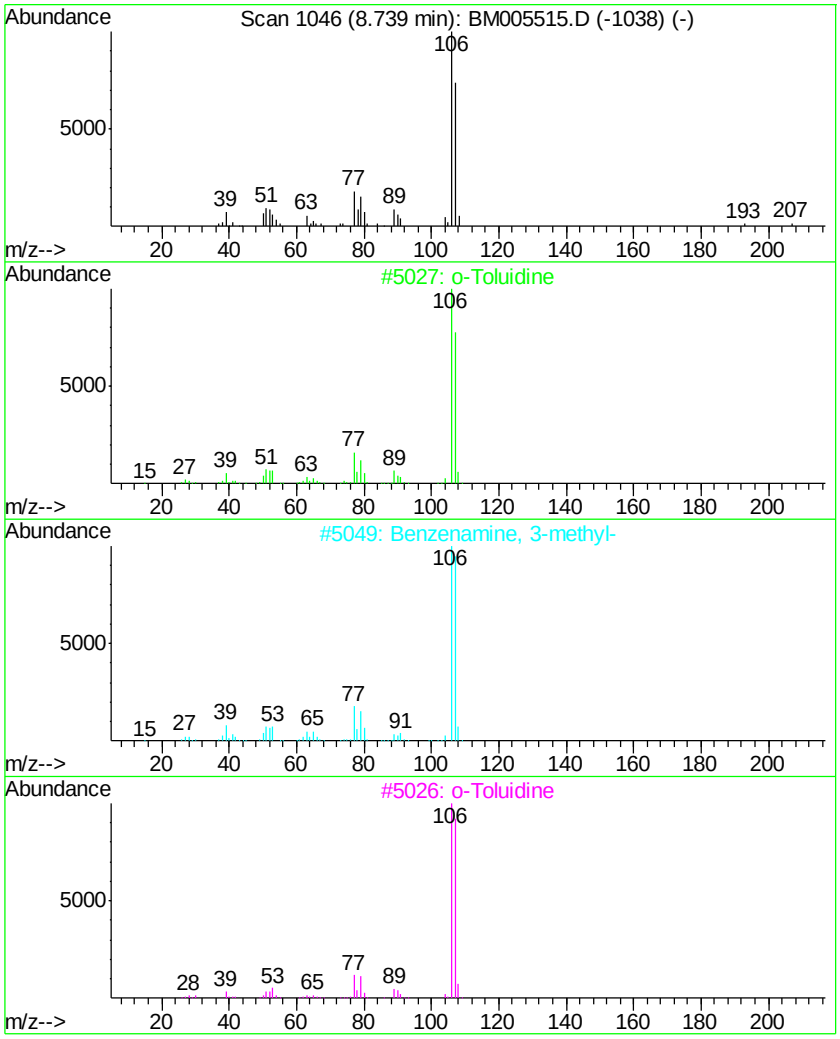
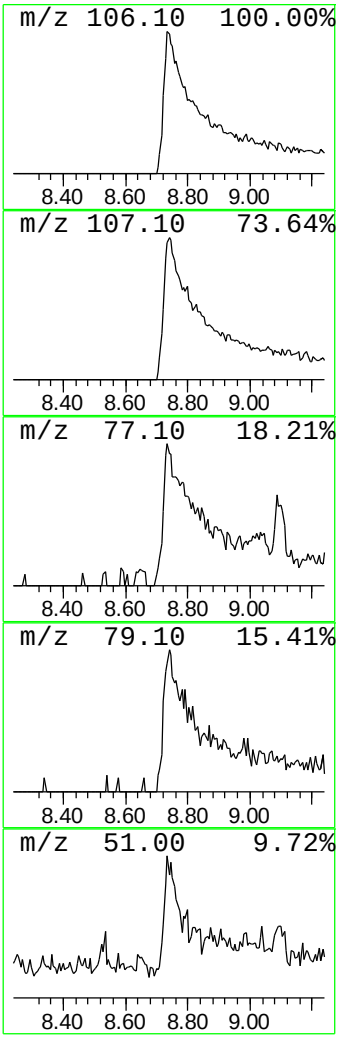
Peak Number 1 o-Toluidine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	10.23 ng/ul	314704	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluidine	107	C7H9N	000095-53-4	93
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
3	o-Toluidine	107	C7H9N	000095-53-4	90
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	90
5	o-Toluidine	107	C7H9N	000095-53-4	90





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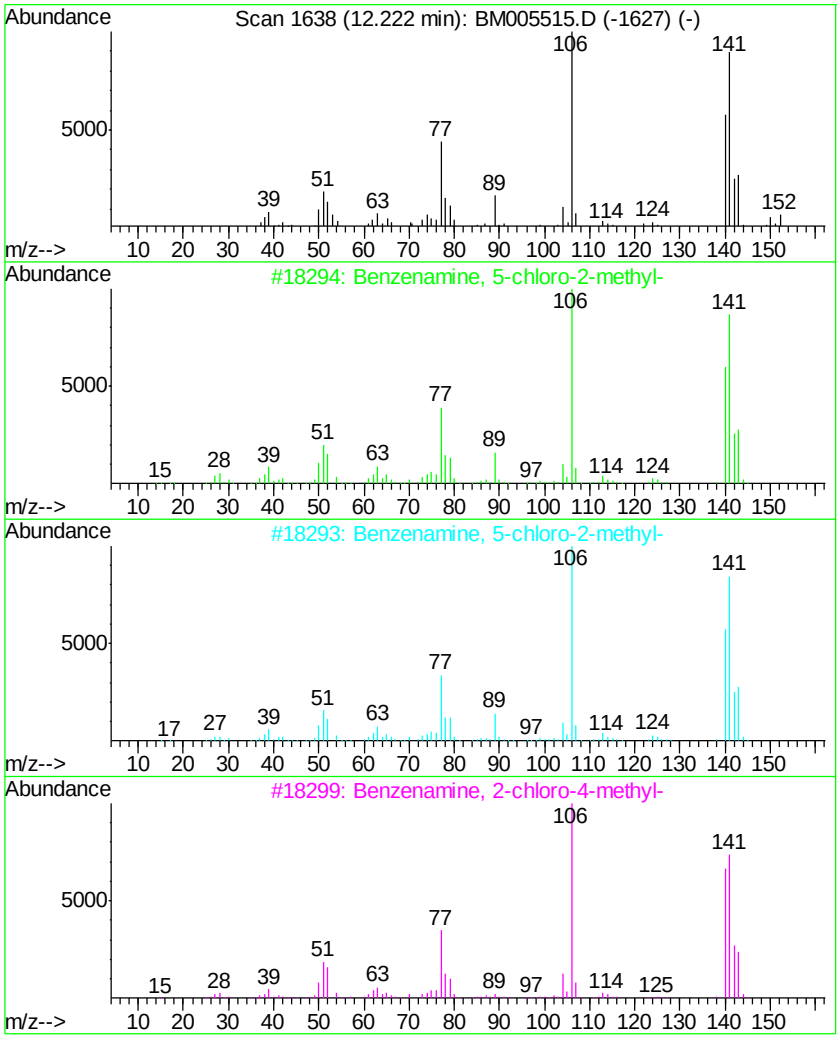
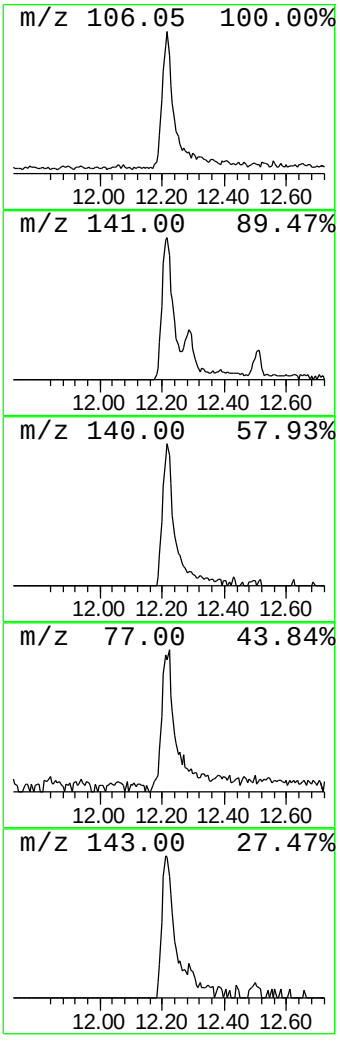
Peak Number 2 Benzenamine, 5-chloro-2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	5.33 ng/ul	285646	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	98
2	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	98
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
4	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	94
5	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	94





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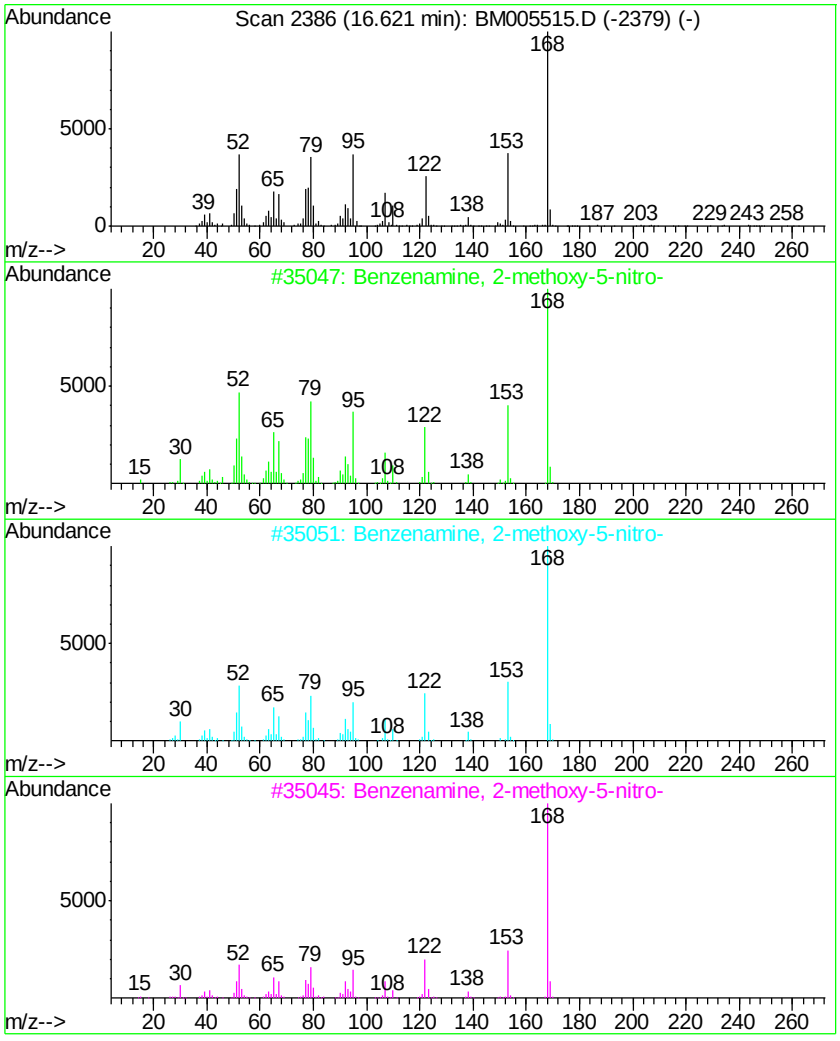
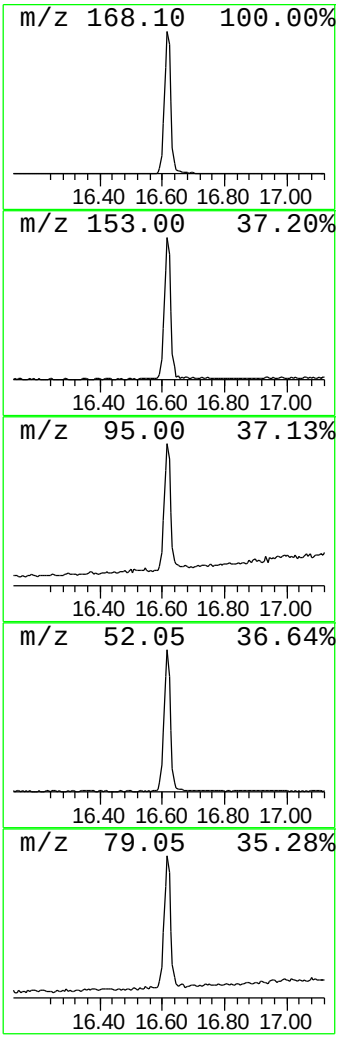
Peak Number 3 Benzenamine, 2-methoxy-5-ni... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	10.78 ng/ul	1306050	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	98
2	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	93
3	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	93
4	Benzenamine, 2-methoxy-4-nitro-	168	C7H8N2O3	000097-52-9	87
5	Benzenamine, 2-methoxy-4-nitro-	168	C7H8N2O3	000097-52-9	81





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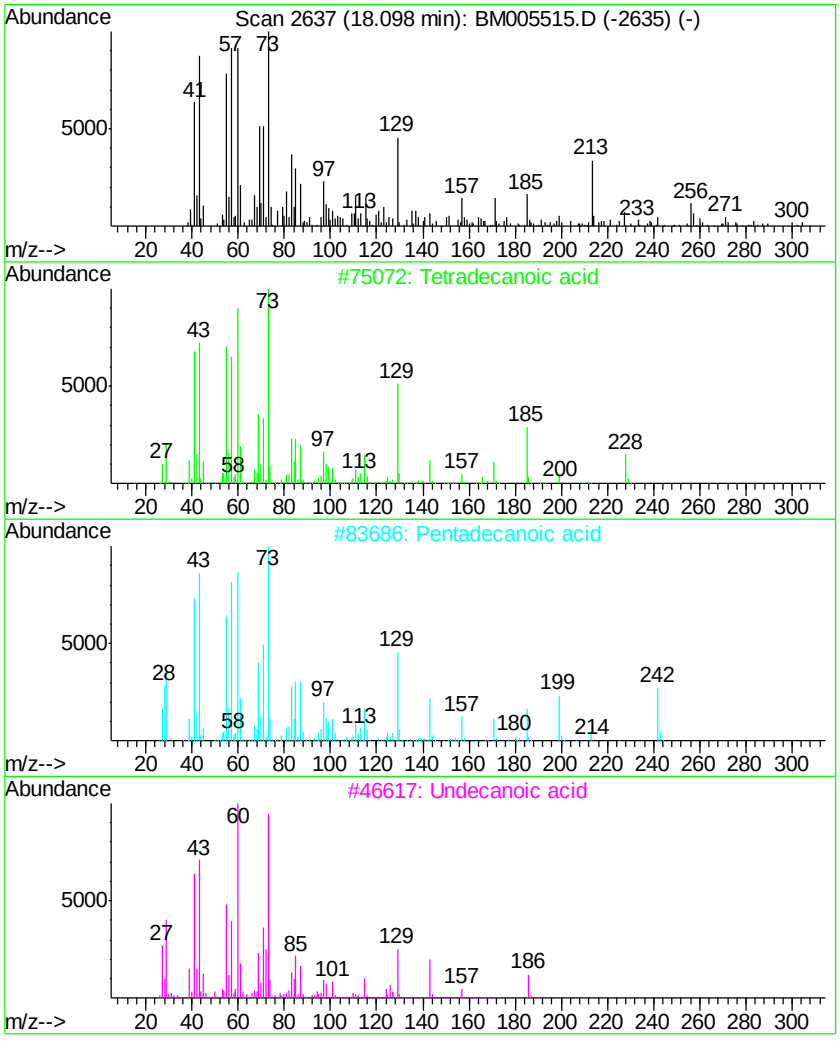
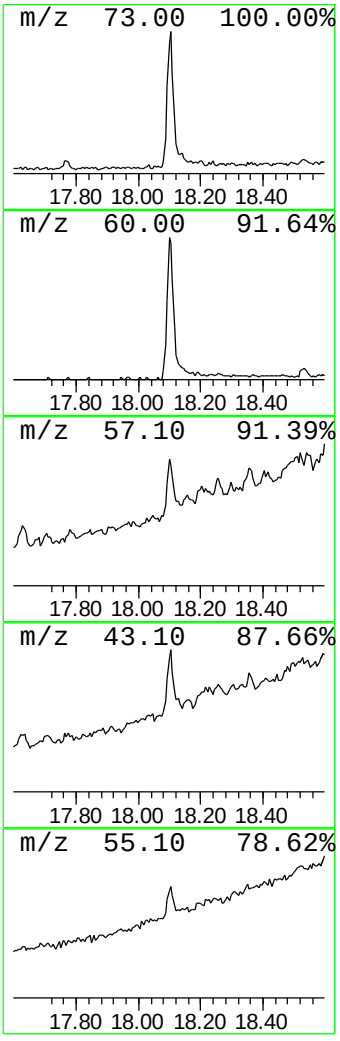
Peak Number 4 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.29 ng/ul	398359	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Undecanoic acid	186	C11H22O2	000112-37-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Instrument : BNA_M
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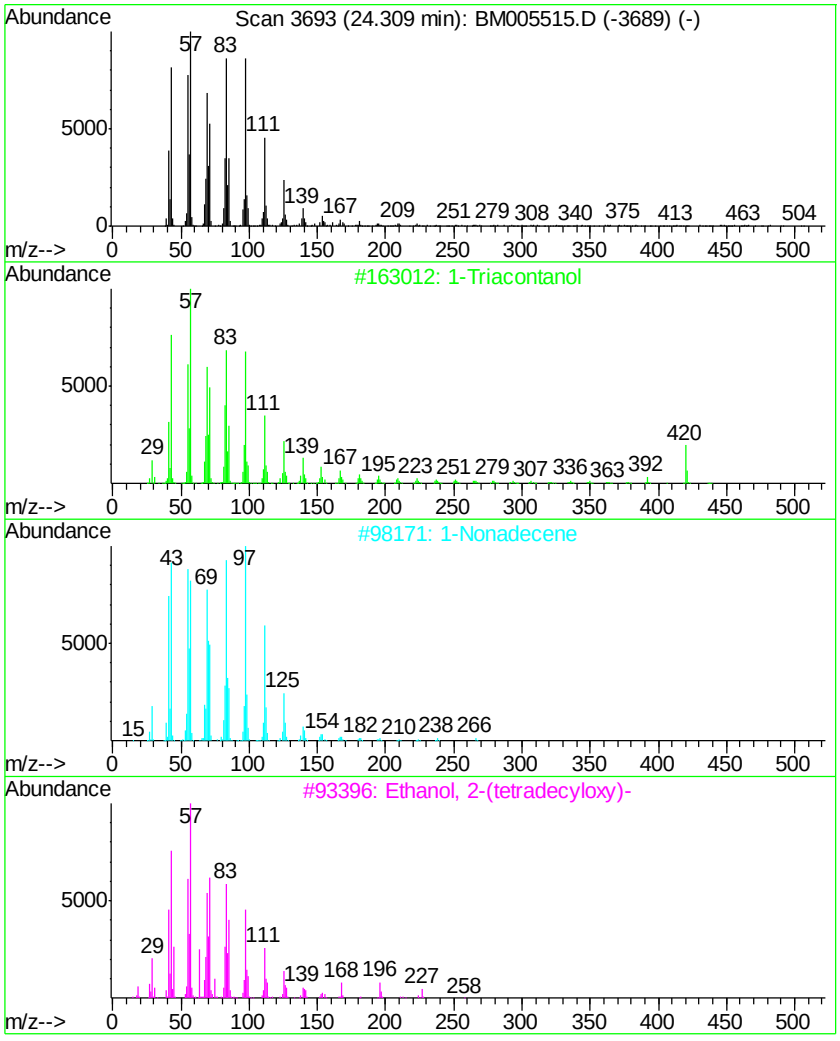
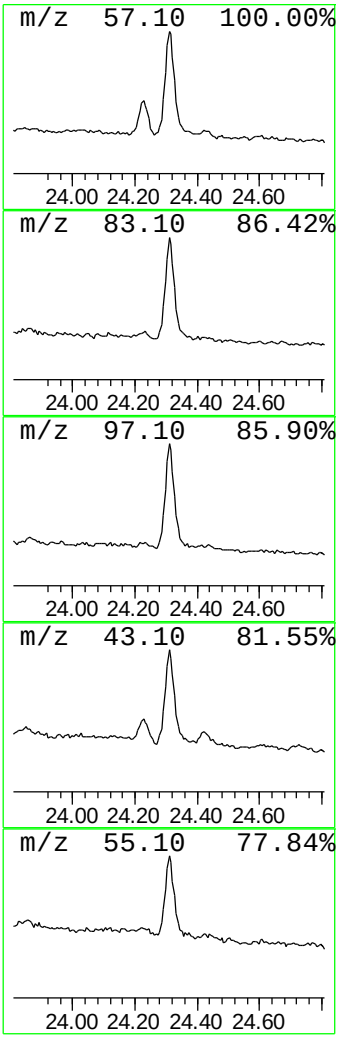
Peak Number 5 1-Triacontanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	13.53 ng/ul	3030000	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	78
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76
5	1-Tricosene	322	C23H46	018835-32-0	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
o-Toluidine	8.74	10.2	ng/ul	314704	1	7.83	615337	20.0
Benzenamine, 5-ch...	12.22	5.3	ng/ul	285646	2	10.63	1072500	20.0
Benzenamine, 2-me...	16.62	10.8	ng/ul	1306050	4	17.20	2423530	20.0
Tetradecanoic acid	18.10	3.3	ng/ul	398359	4	17.20	2423530	20.0
1-Triacontanol	24.31	13.5	ng/ul	3030000	6	23.67	4479280	20.0