Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023849.D
Acq On : 22 Nov 2019 03:44
Operator : JU
Sample : K5809-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 22 05:52:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	429554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1619896	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	946269	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1886666	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1646604	20.00	ng/ul	0.02
86) Perylene-d12	23.34	264	2342370	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	664	0.06	ng/uL	0.00
5) Phenol-d5	6.70	99	3164	0.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	11125	0.49	ng/ul	-0.02
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.24	113	839	0.03	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	4851	0.42	ng/ul	0.02
22) 2-Nitrophenol-d4	9.49	143	125	0.01	ng/ul	0.10
26) 2,4-Dichlorophenol-d3	9.95	165	2051	0.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	866	0.03	ng/ul	0.02
44) Dimethylphthalate-d6	13.60	166	827	0.01	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	554	0.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	904	0.07	ng/ul	0.00
58) Fluorene-d10	15.17	176	647	0.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	765	0.07	ng/ul	0.00
71) Anthracene-d10	17.03	188	10717	0.12	ng/ul	0.00
79) Pyrene-d10	19.34	212	4354	0.05	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.26	264	2385	0.02	ng/ul	0.11
Target Compounds						Qvalue
14) Acetophenone	8.32	105	162066	3.327	ng/ul#	33
17) Hexachloroethane	8.62	117	65541	5.648	ng/ul#	2
24) 2,4-Dimethylphenol	9.50	107	31396	1.014	ng/ul#	50
28) Naphthalene	10.34	128	190317	2.235	ng/ul#	90
32) Caprolactam	11.23	113	13875	1.602	ng/ul#	1
34) 2-Methylnaphthalene	11.97	142	244948	3.761	ng/ul	97
35) 1-Methylnaphthalene	12.19	142	239683	3.731	ng/ul#	97
65) N-Nitrosodiphenylamine	15.46	169	157354	2.843	ng/ul#	40
70) Phenanthrene	16.97	178	445220	4.284	ng/ul#	83
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	51318	1.919	ng/uL	98
77) Fluoranthene	19.02	202	223763	2.010	ng/ul#	84
84) Bis(2-ethylhexyl)phthalate	21.09	149	56127	1.103	ng/ul#	22
87) Di-n-octyl phthalate	21.96	149	129873	1.134	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 22 Nov 2019 03:44
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 22 05:52:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
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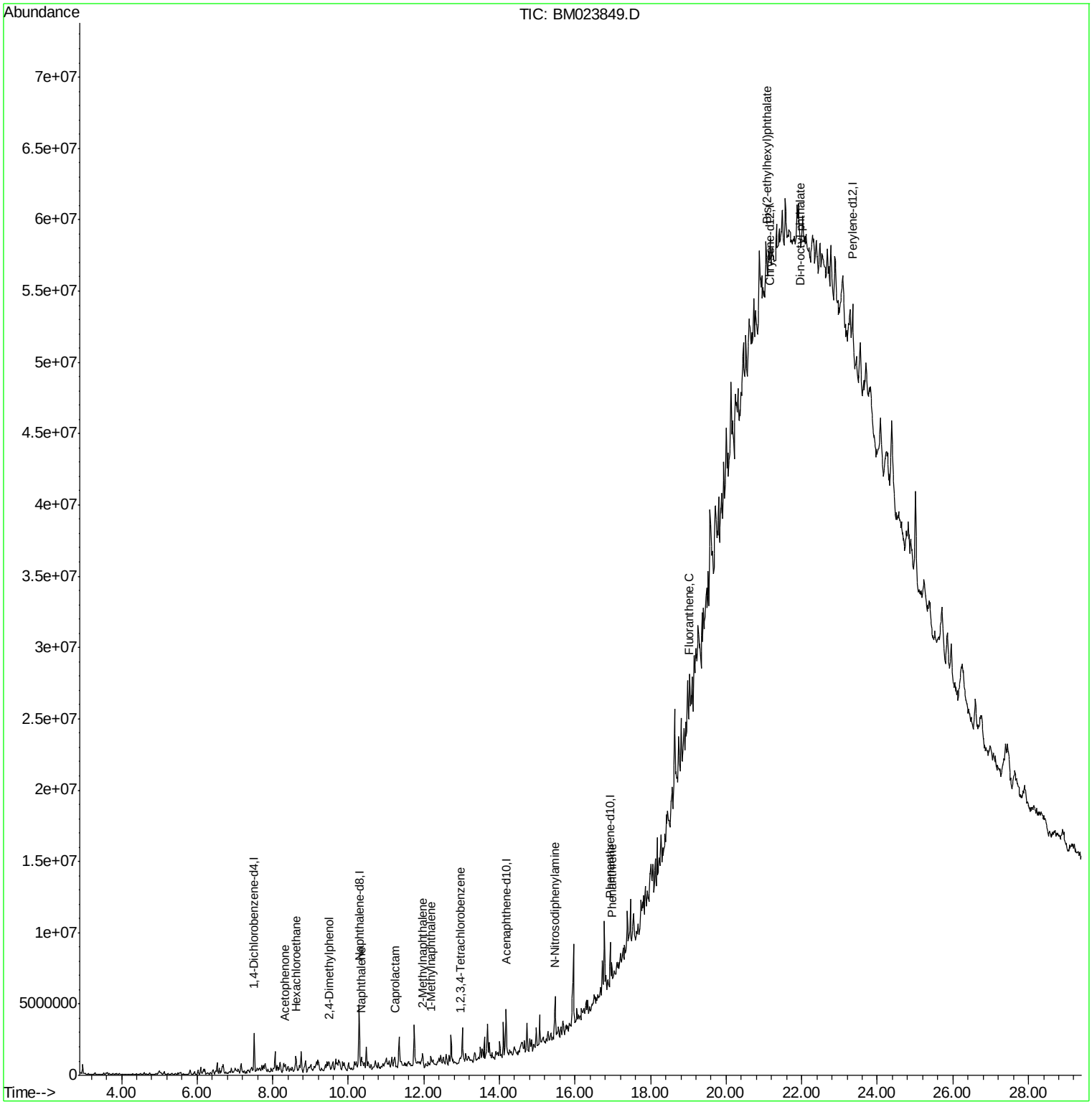
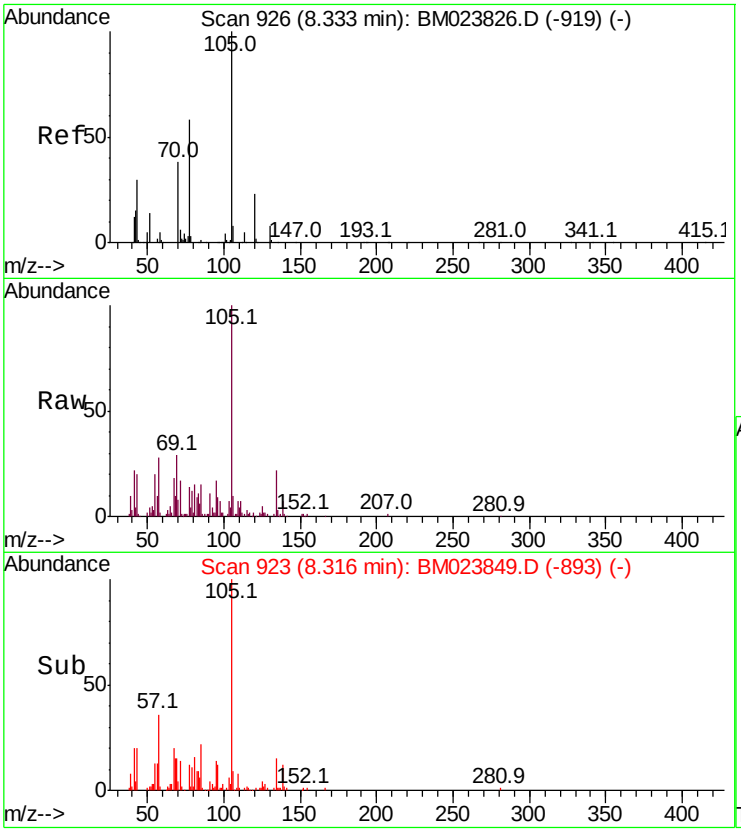


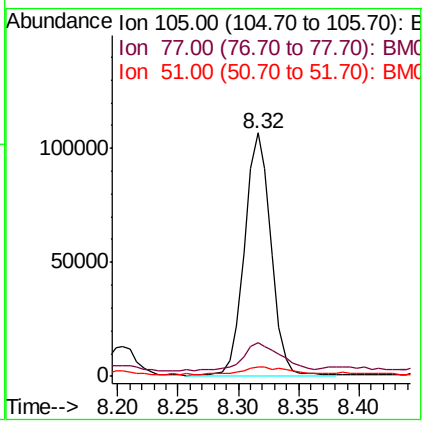


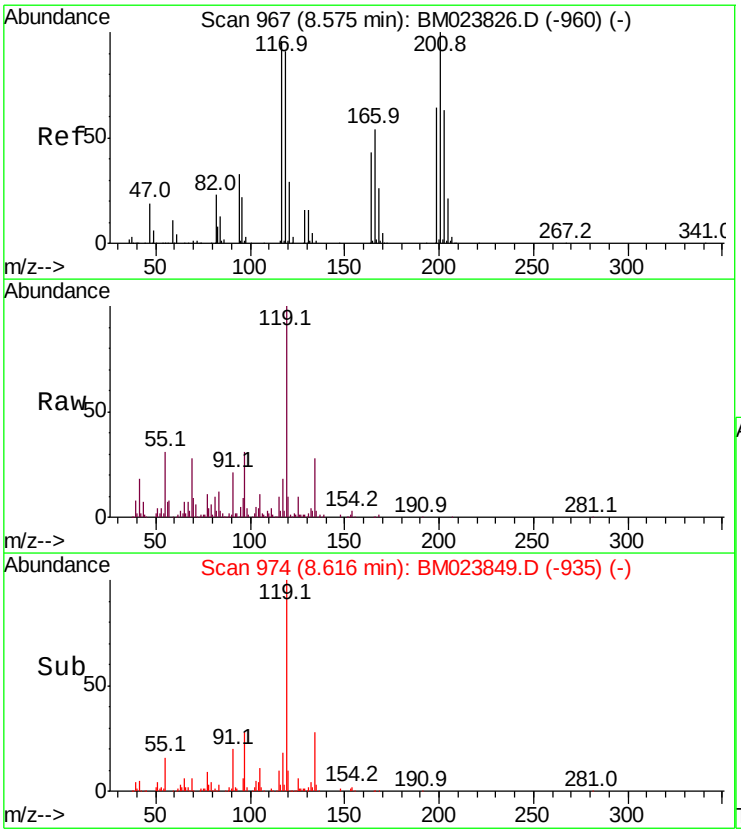
#14
Acetophenone
Concen: 3.327 ng/ul
RT: 8.32 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 162066

Ion	Ratio	Lower	Upper
105	100		
77	13.7	63.8	95.6#
51	3.9	16.3	24.5#

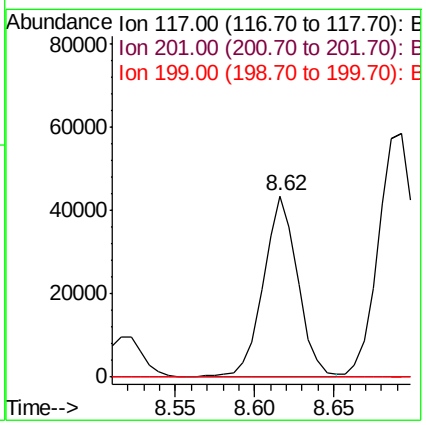


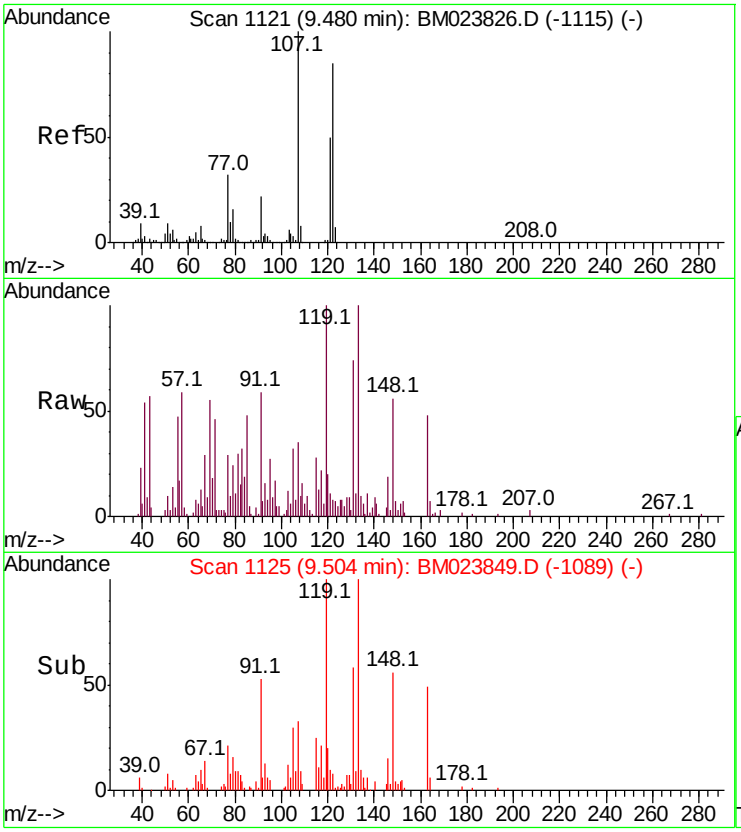


#17
Hexachloroethane
Concen: 5.648 ng/ul
RT: 8.62 min Scan# 974
Delta R.T. 0.03 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Tgt Ion:117 Resp: 65541

Ion	Ratio	Lower	Upper
117	100		
201	0.0	90.0	135.0#
199	0.0	57.0	85.4#



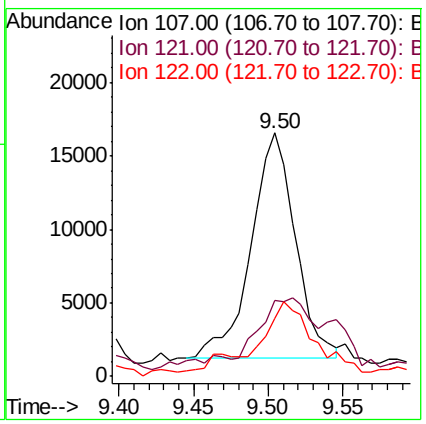


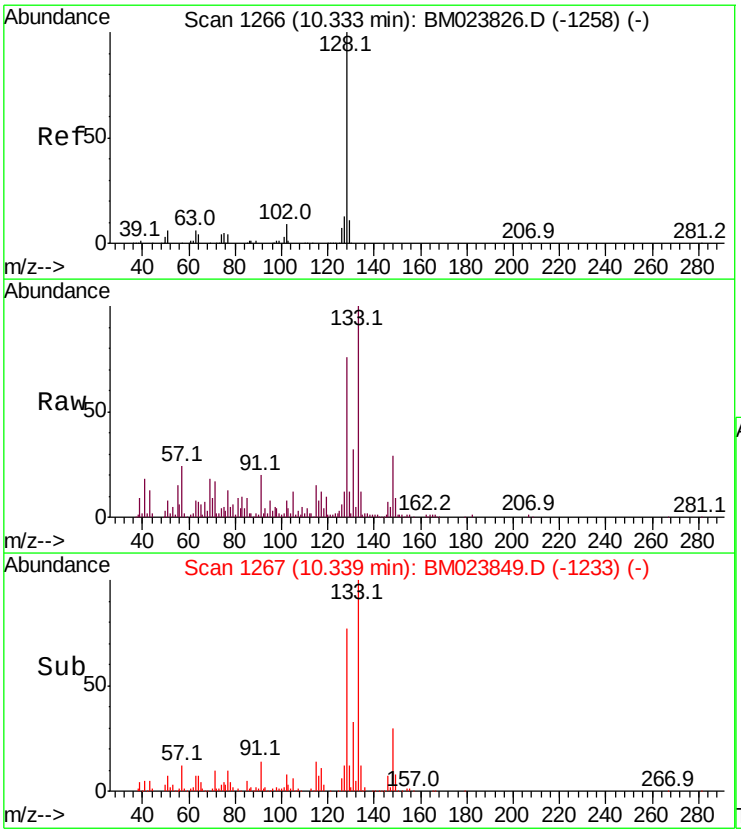
#24
2,4-Dimethylphenol
Concen: 1.014 ng/ul
RT: 9.50 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 31396

Ion	Ratio	Lower	Upper
107	100		
121	31.4	38.6	57.8#
122	23.7	65.9	98.9#

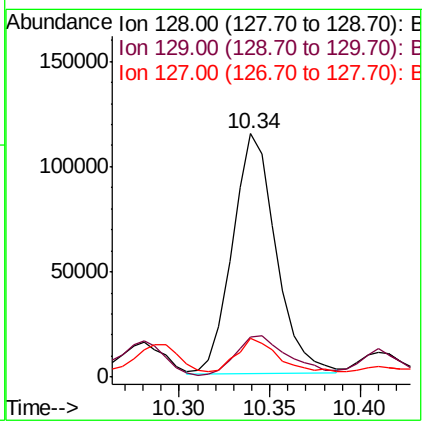


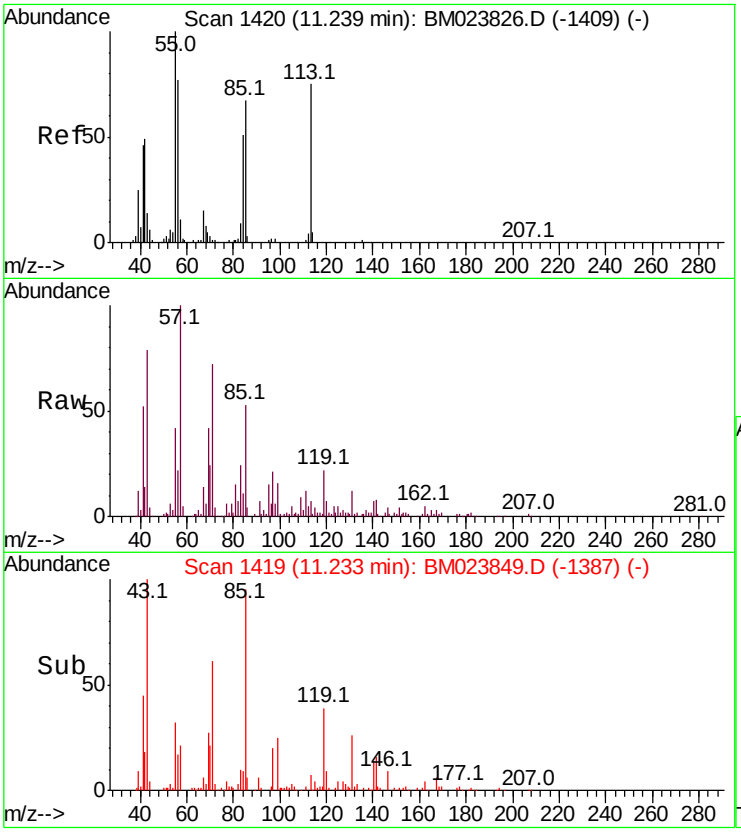


#28
Naphthalene
Concen: 2.235 ng/ul
RT: 10.34 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Tgt Ion:128 Resp: 190317

Ion	Ratio	Lower	Upper
128	100		
129	16.3	8.7	13.1#
127	15.8	10.6	16.0



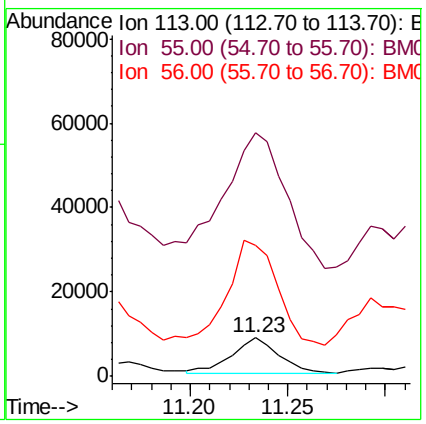


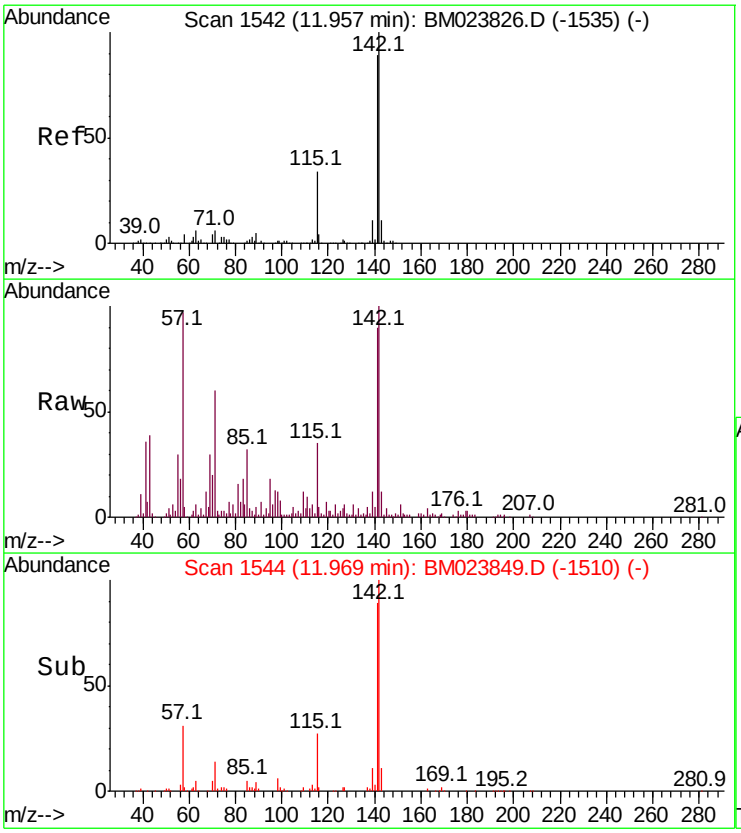
#32
Caprolactam
Concen: 1.602 ng/ul
RT: 11.23 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 13875

Ion	Ratio	Lower	Upper
113	100		
55	633.3	105.8	158.6#
56	340.1	83.0	124.6#

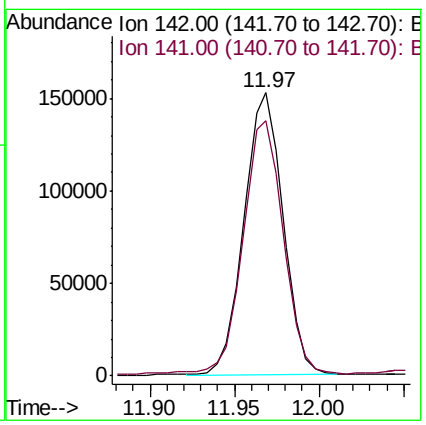


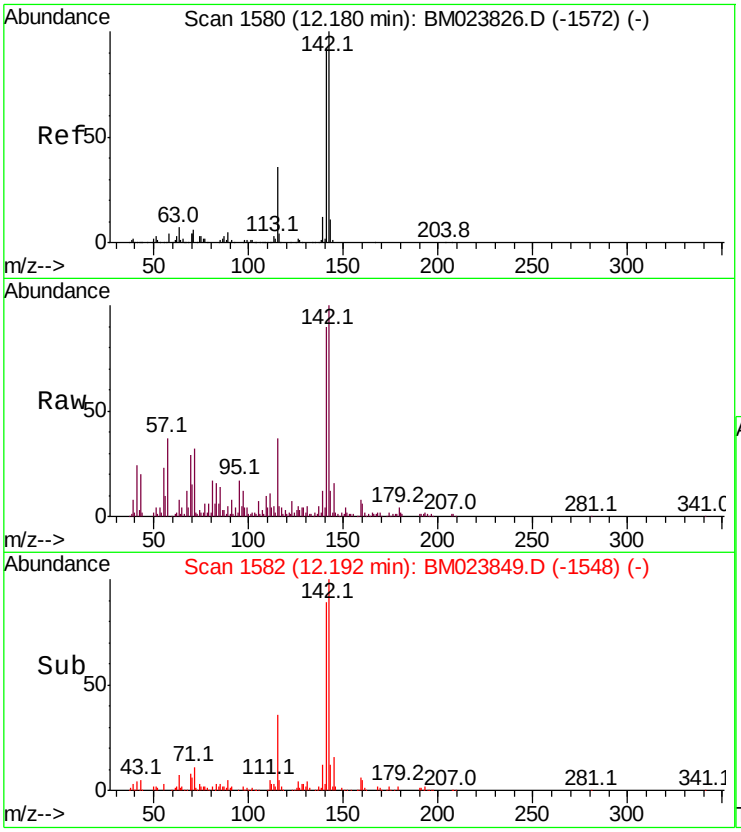


#34
2-Methylnaphthalene
Concen: 3.761 ng/ul
RT: 11.97 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Tgt Ion:142 Resp: 244948

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.8	104.8



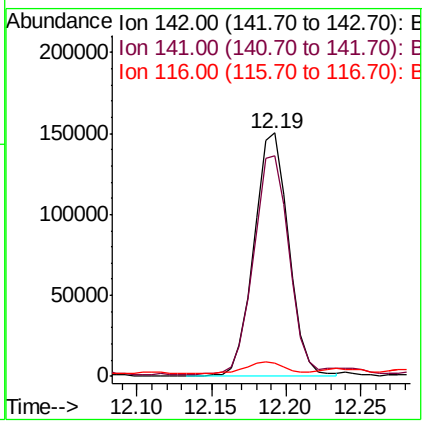


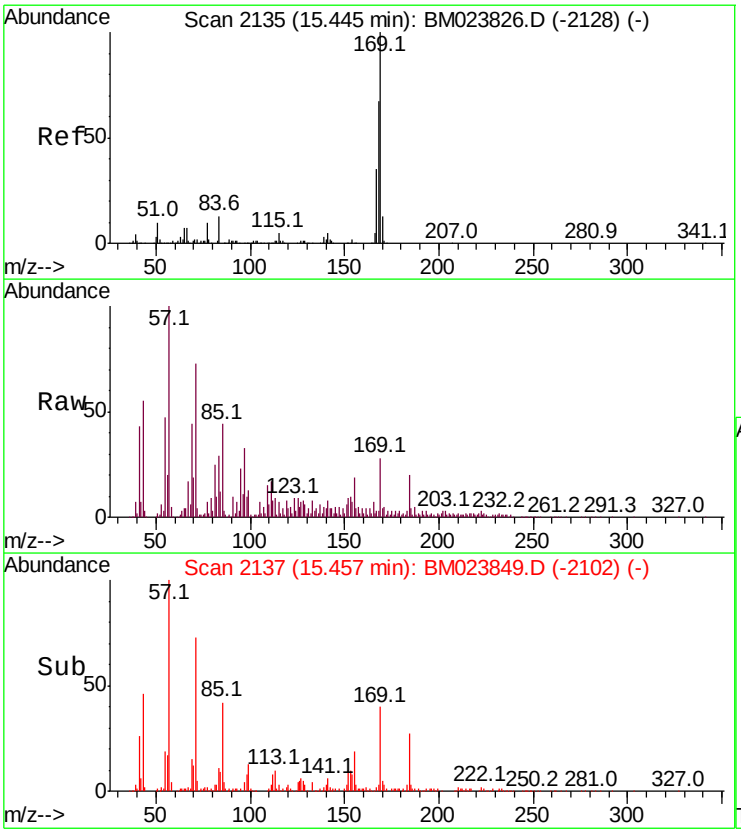
#35
1-Methylnaphthalene
Concen: 3.731 ng/ul
RT: 12.19 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 239683

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.6	112.0
116	5.3	3.2	4.8#

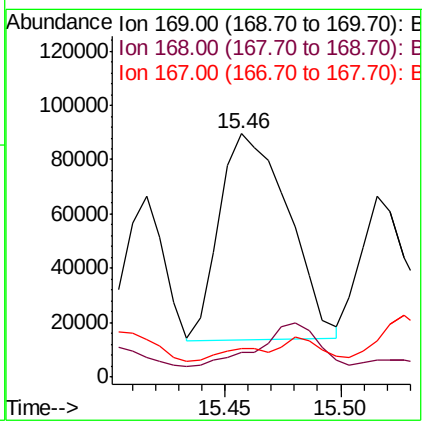


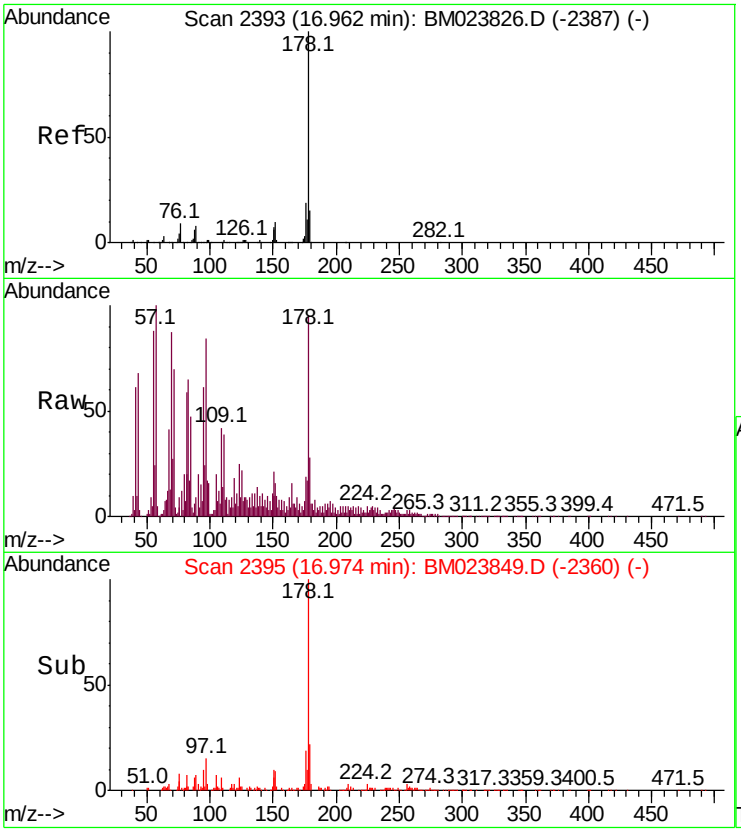


#65
N-Nitrosodiphenylamine
Concen: 2.843 ng/ul
RT: 15.46 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Tgt Ion:169 Resp: 157354

Ion	Ratio	Lower	Upper
169	100		
168	10.2	53.2	79.8#
167	11.9	28.0	42.0#



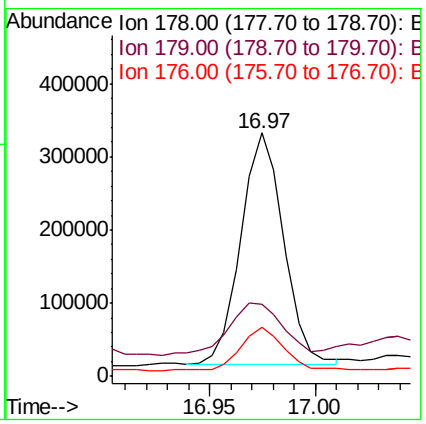


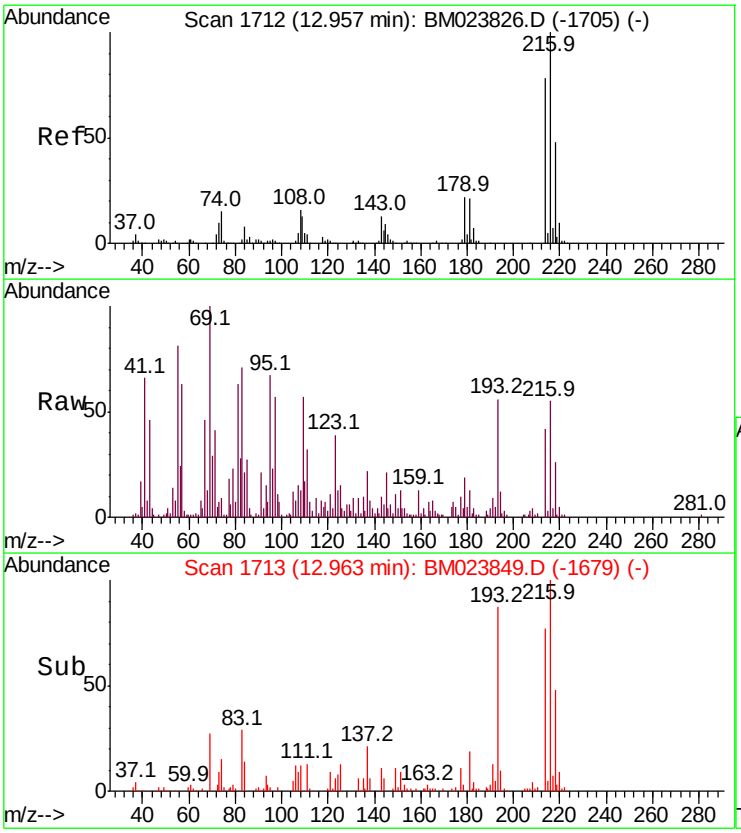
#70
Phenanthrene
Concen: 4.284 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 445220

Ion	Ratio	Lower	Upper
178	100		
179	29.6	12.3	18.5#
176	20.4	15.0	22.6

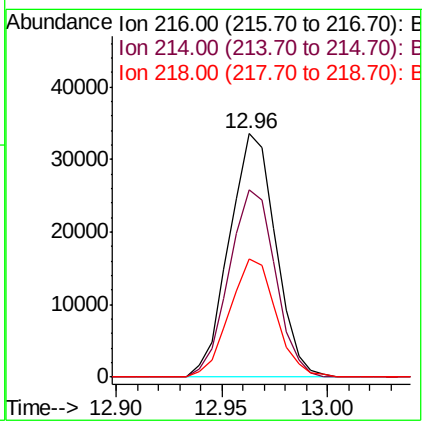


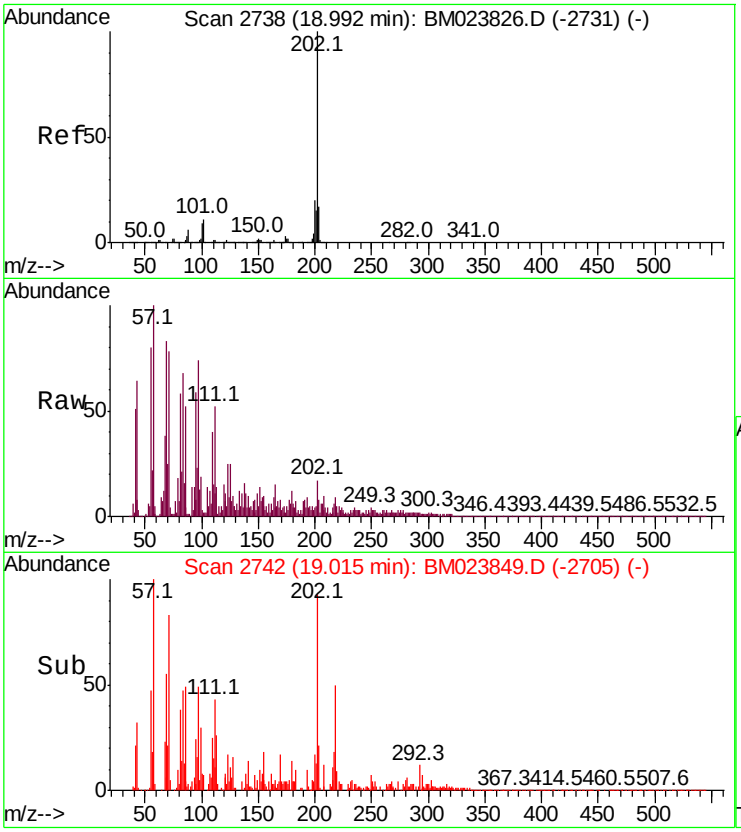


#73
1,2,3,4-Tetrachlorobenzene
Concen: 1.919 ng/uL
RT: 12.96 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Tgt Ion:216 Resp: 51318

Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.1	94.7
218	48.4	38.6	57.8



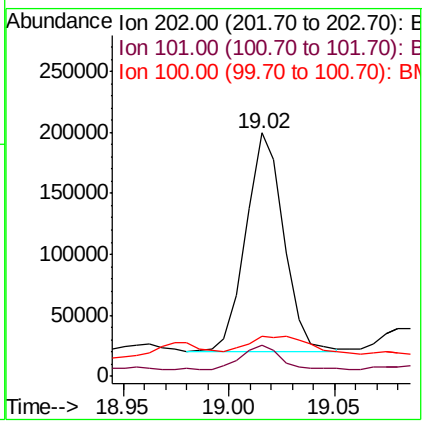


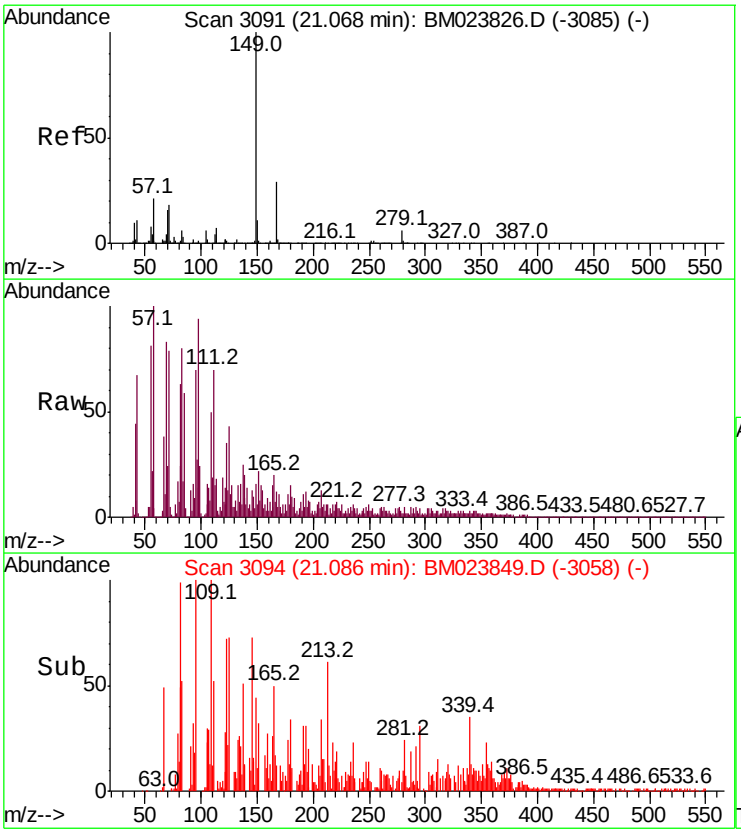
#77
Fluoranthene
Concen: 2.010 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. 0.02 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 223763

Ion	Ratio	Lower	Upper
202	100		
101	12.6	7.7	11.5#
100	16.4	6.0	9.0#

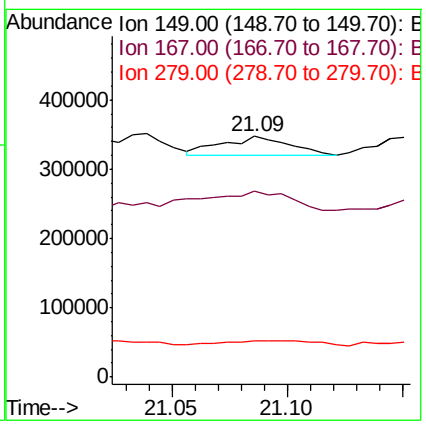


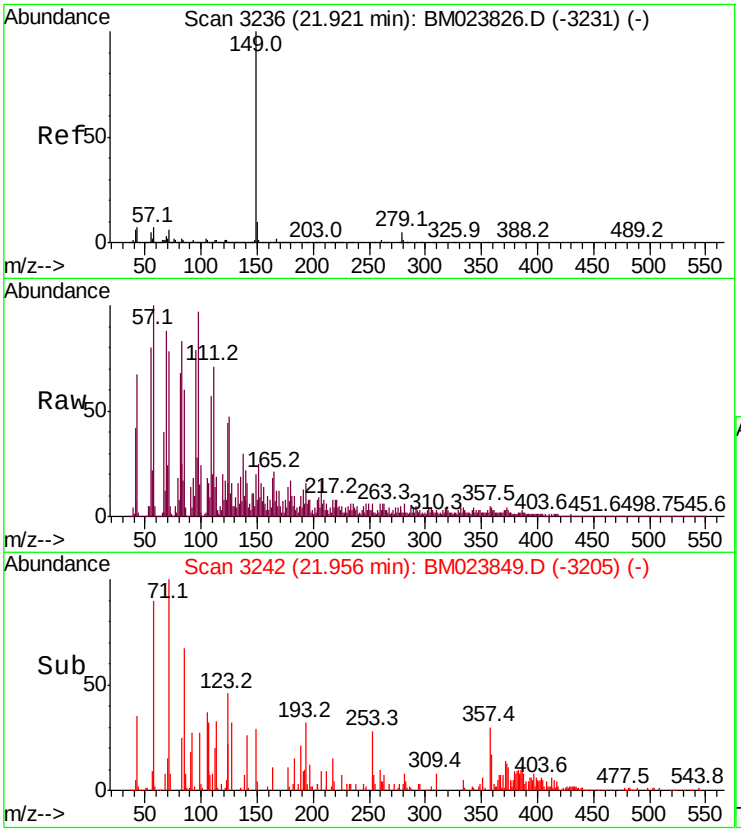


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.103 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

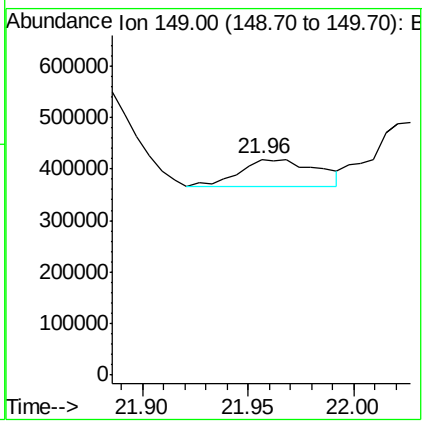
Tgt Ion:149 Resp: 56127

Ion	Ratio	Lower	Upper
149	100		
167	77.2	23.4	35.2#
279	15.0	5.0	7.4#





#87
Di-n-octyl phthalate
Concen: 1.134 ng/ul
RT: 21.96 min Scan# 3242
Delta R.T. 0.02 min
Lab File: BM023849.D
Acq: 22 Nov 2019 03:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 129873