Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023135.D
Acq On : 11 Oct 2019 18:20
Operator : JU
Sample : K5124-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM80

Quant Time: Oct 19 23:09:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	178243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	682695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	371443	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	694497	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	722102	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	886862	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	16026	3.89	ng/uL	0.00
5) Phenol-d5	6.95	99	298215	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	170683	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	262052	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	200423	15.54	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	122188	23.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	136031	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	237147	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	84945	6.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	632376	21.94	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	758367	22.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	72597	12.75	ng/ul	0.00
58) Fluorene-d10	15.40	176	534562	21.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	58645	12.98	ng/ul	0.00
71) Anthracene-d10	17.24	188	766333	22.60	ng/ul	0.00
79) Pyrene-d10	19.54	212	871325	22.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1028105	22.41	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	18443	2.584	ng/ul#	73
6) Phenol	6.97	94	48718	2.951	ng/ul	97
14) Acetophenone	8.59	105	45824	2.325	ng/ul	99
45) Dimethylphthalate	13.86	163	226276	7.641	ng/ul	100
67) Hexachlorobenzene	16.46	284	11497	1.231	ng/ul	96
76) Di-n-butylphthalate	18.12	149	94457	2.134	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.25	149	148021	4.949	ng/ul#	99
85) Chrysene	21.35	228	81458	1.704	ng/ul#	82
88) Benzo(b)fluoranthene	22.91	252	221662	3.766	ng/ul#	61
91) Benzo(a)pyrene	23.49	252	85833	1.555	ng/ul#	46
92) Indeno(1,2,3-cd)pyrene	25.87	276	70795	1.207	ng/ul#	89
94) Benzo(g,h,i)perylene	26.57	276	83447	1.764	ng/ul#	84

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

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Quant Title : SVOA CALIBRATION
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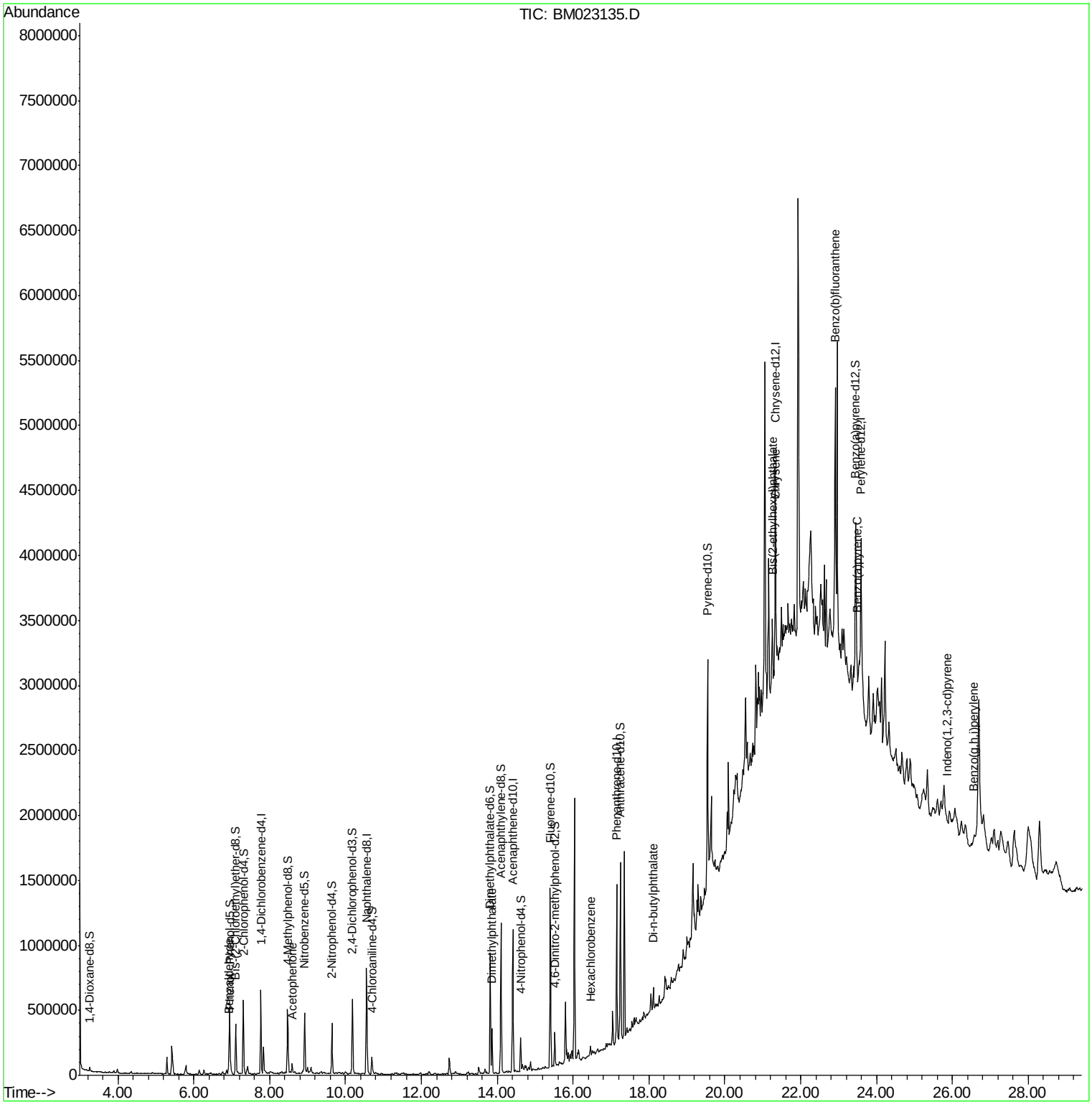
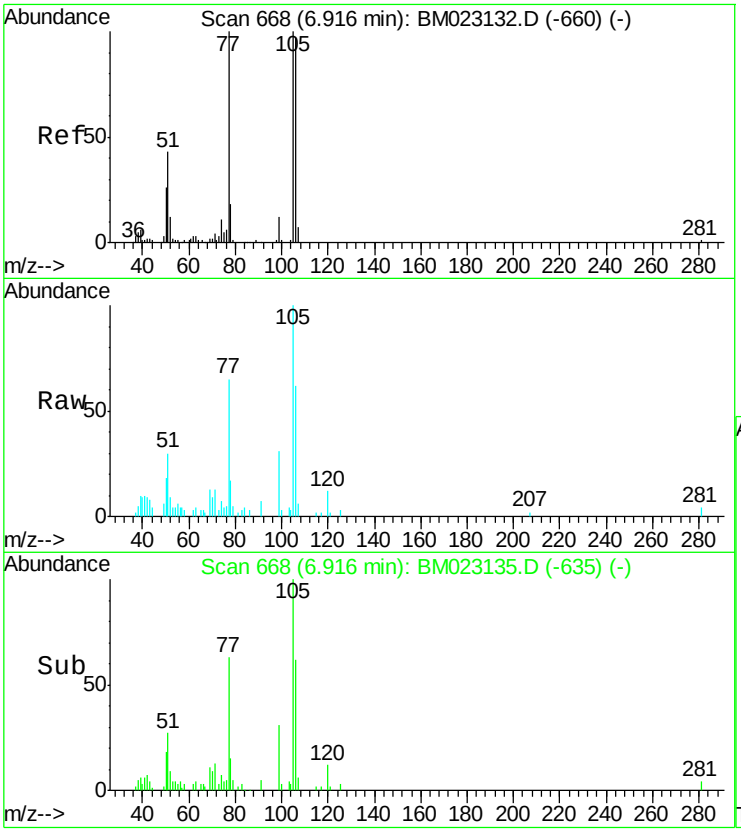


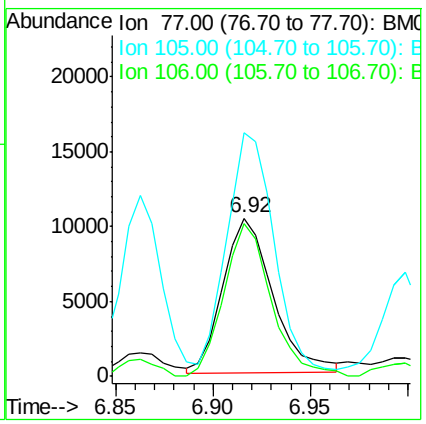


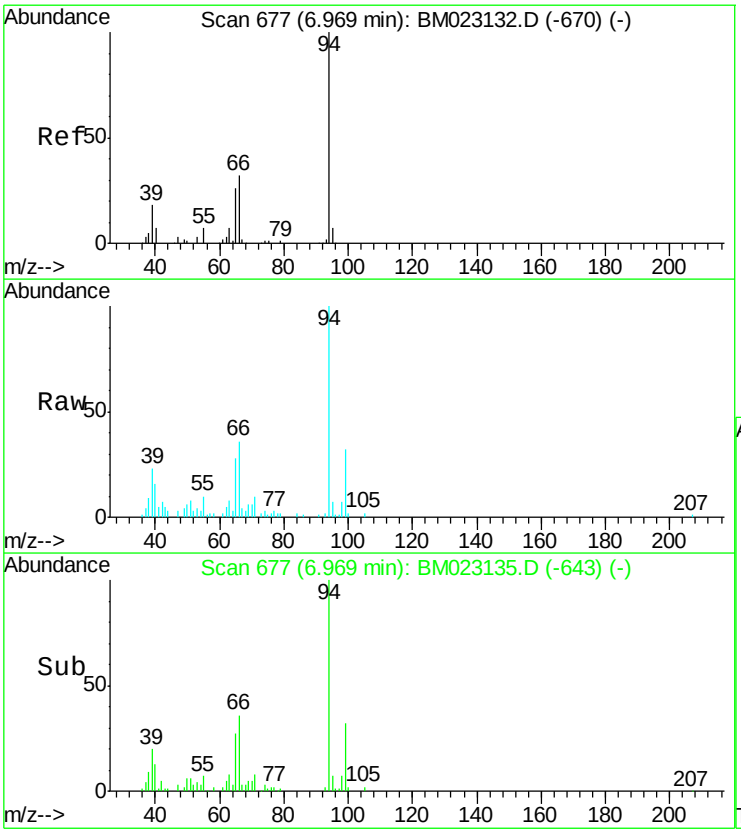
#4
Benzaldehyde
Concen: 2.584 ng/ul
RT: 6.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Instrument :
BNA_M
ClientSampleId :
JLM80

Tgt Ion: 77 Resp: 18443

Ion	Ratio	Lower	Upper
77	100		
105	154.0	80.6	120.8#
106	96.2	77.0	115.6

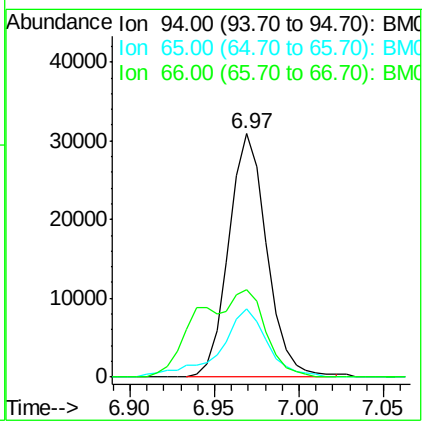


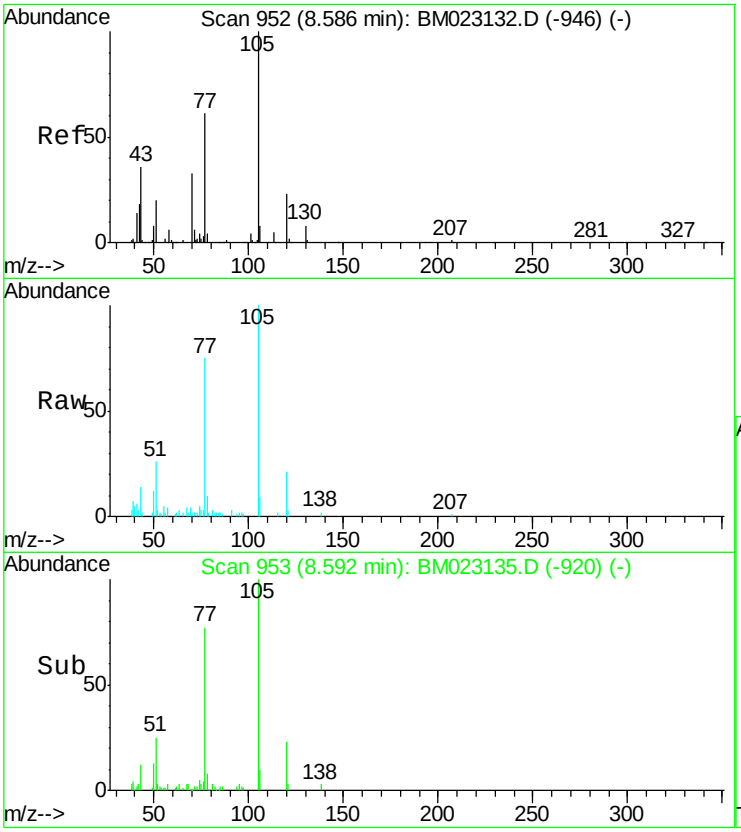


#6
Phenol
Concen: 2.951 ng/ul
RT: 6.97 min Scan# 677
Delta R.T. -0.00 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion: 94 Resp: 48718

Ion	Ratio	Lower	Upper
94	100		
65	27.9	20.9	31.3
66	35.9	27.2	40.8



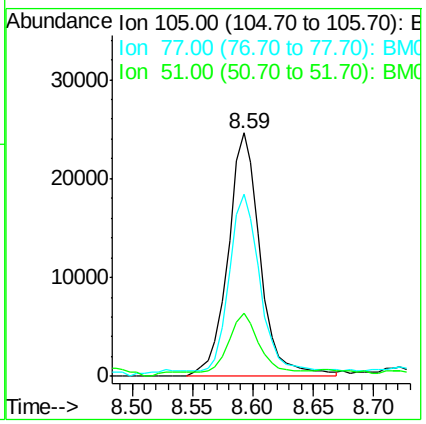


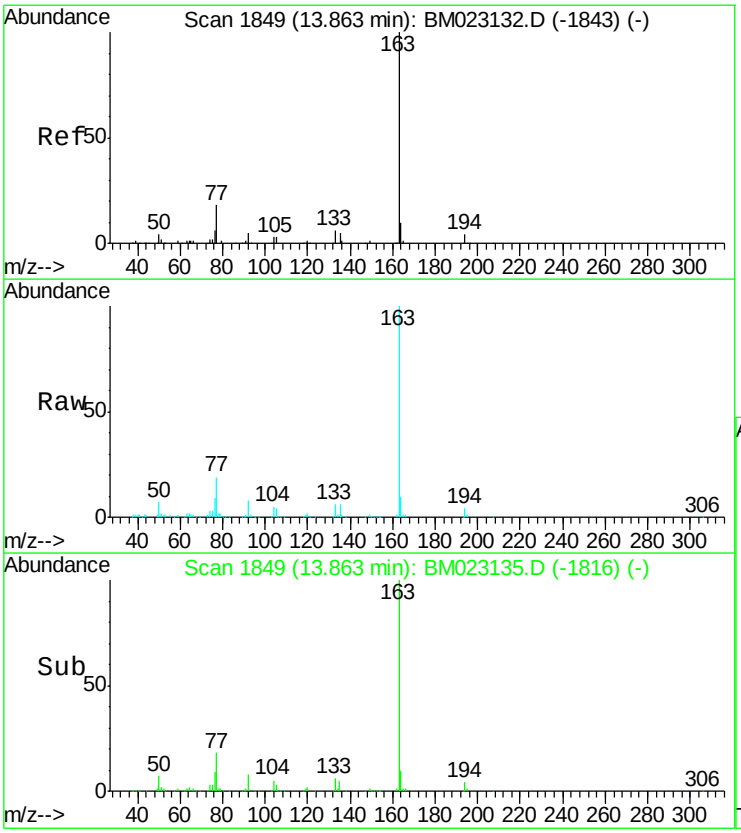
#14
Acetophenone
Concen: 2.325 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Instrument :
BNA_M
ClientSampleId :
JLM80

Tgt Ion:105 Resp: 45824

Ion	Ratio	Lower	Upper
105	100		
77	74.9	59.4	89.0
51	25.7	19.4	29.0

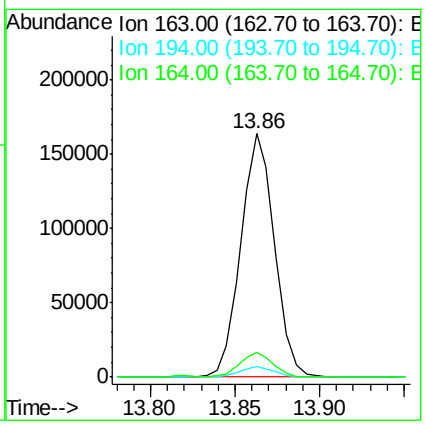


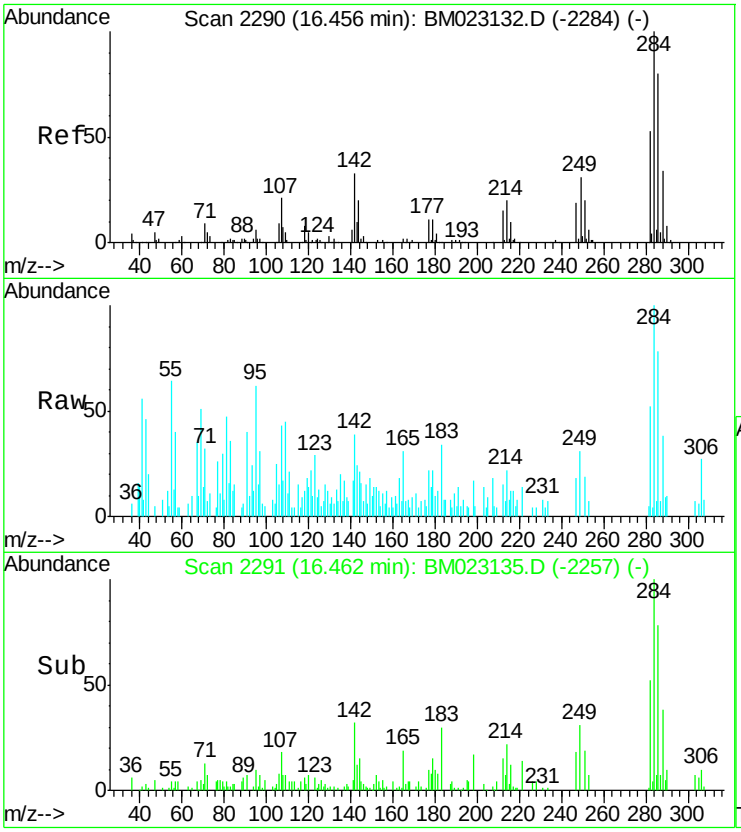


#45
Dimethylphthalate
Concen: 7.641 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion:163 Resp: 226276

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1



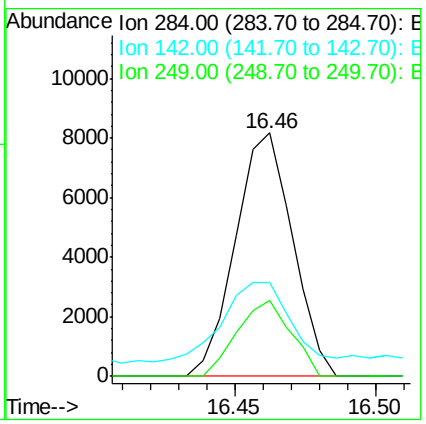


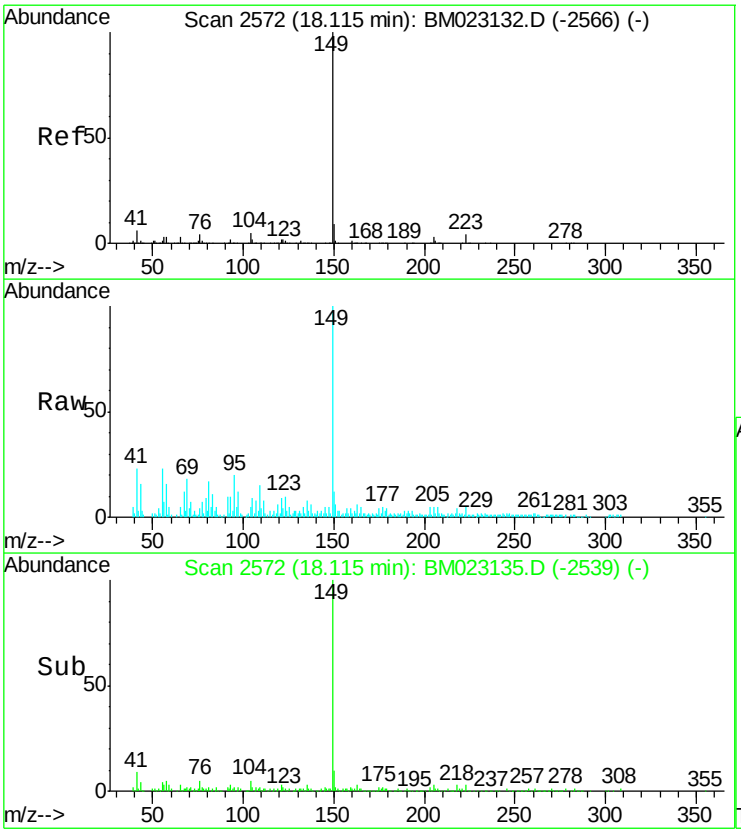
#67
Hexachlorobenzene
Concen: 1.231 ng/ul
RT: 16.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Instrument :
BNA_M
ClientSampleId :
JLM80

Tgt Ion:284 Resp: 11497

Ion	Ratio	Lower	Upper
284	100		
142	38.5	27.8	41.6
249	31.0	24.2	36.2

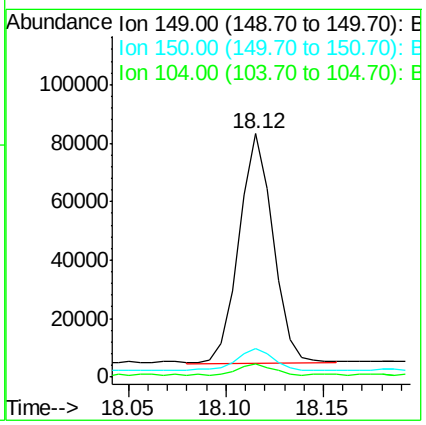


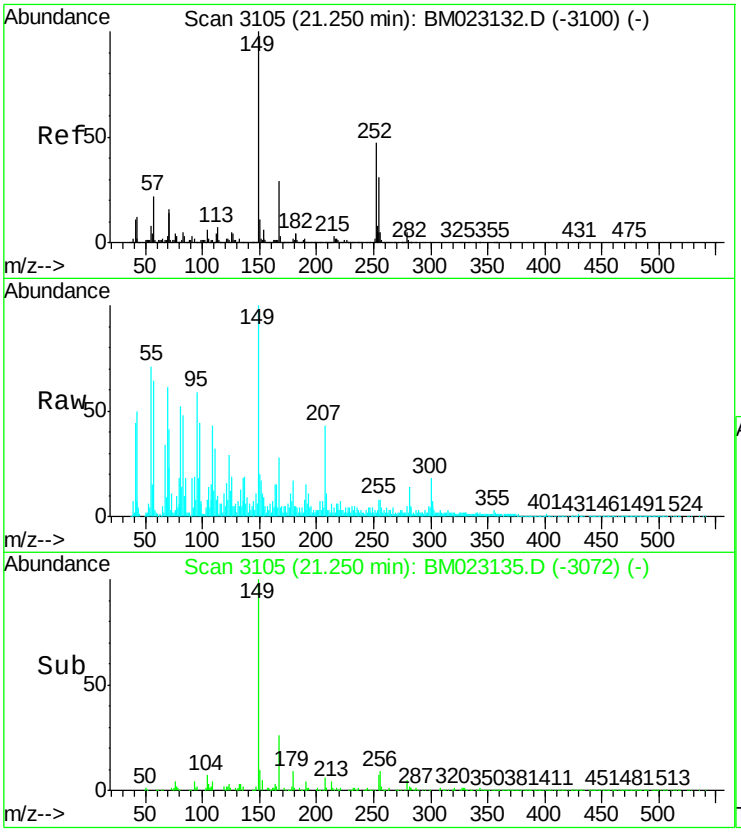


#76
Di-n-butylphthalate
Concen: 2.134 ng/ul
RT: 18.12 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion:149 Resp: 94457

Ion	Ratio	Lower	Upper
149	100		
150	11.8	7.4	11.0#
104	5.5	3.7	5.5



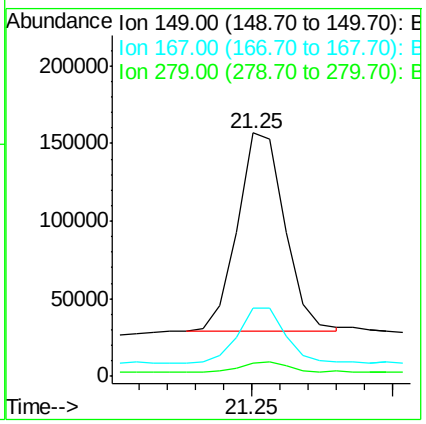


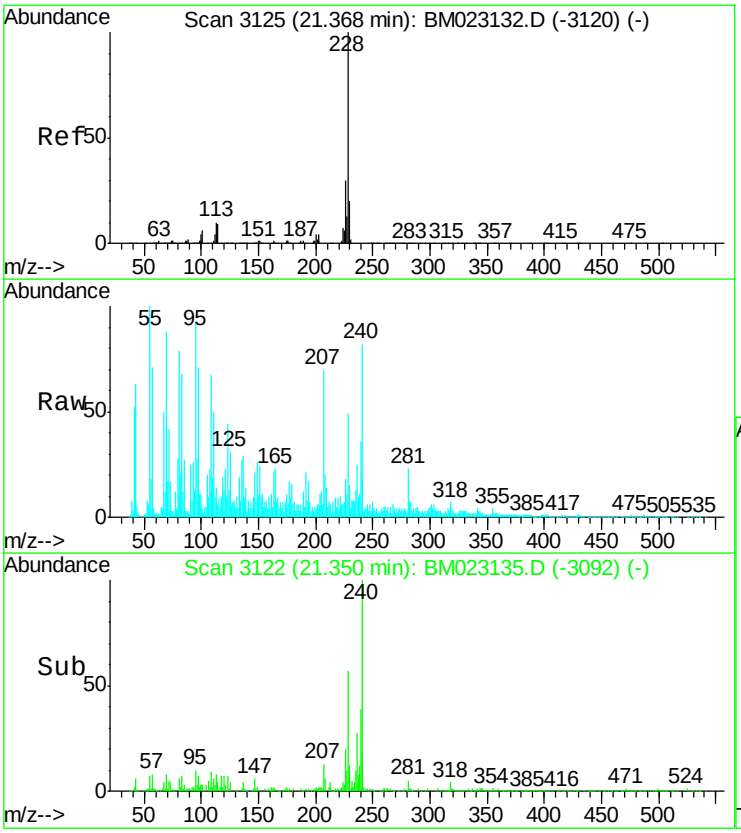
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.949 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Instrument :
BNA_M
ClientSampleId :
JLM80

Tgt Ion:149 Resp: 148021

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	5.5	3.3	4.9#

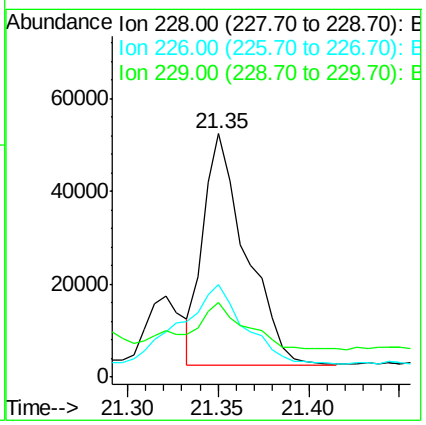


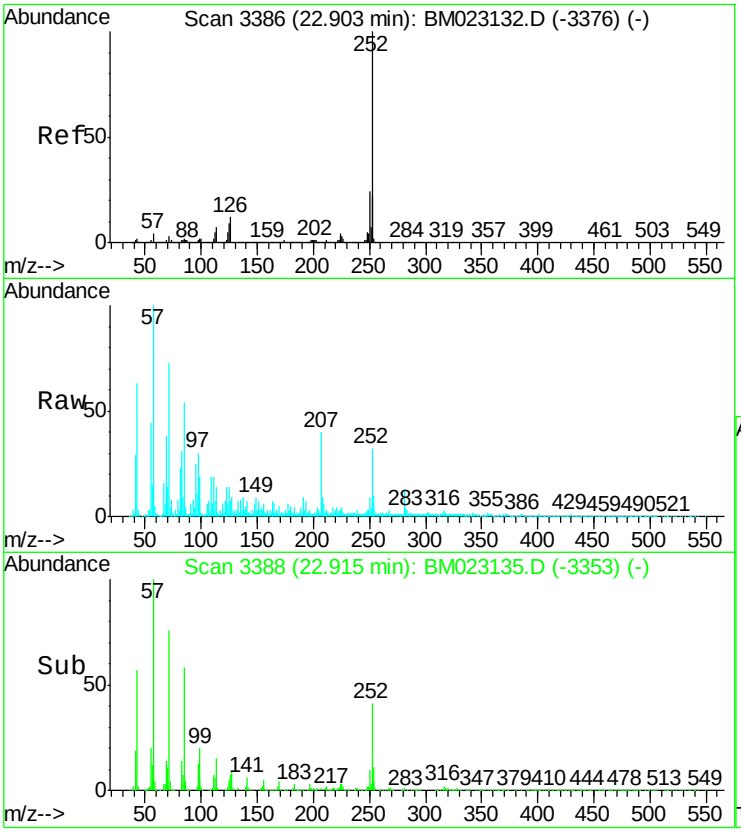


#85
Chrysene
Concen: 1.704 ng/ul
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion:228 Resp: 81458

Ion	Ratio	Lower	Upper
228	100		
226	38.0	24.2	36.4#
229	30.7	15.9	23.9#



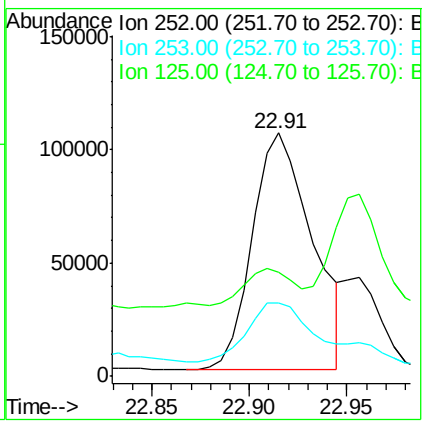


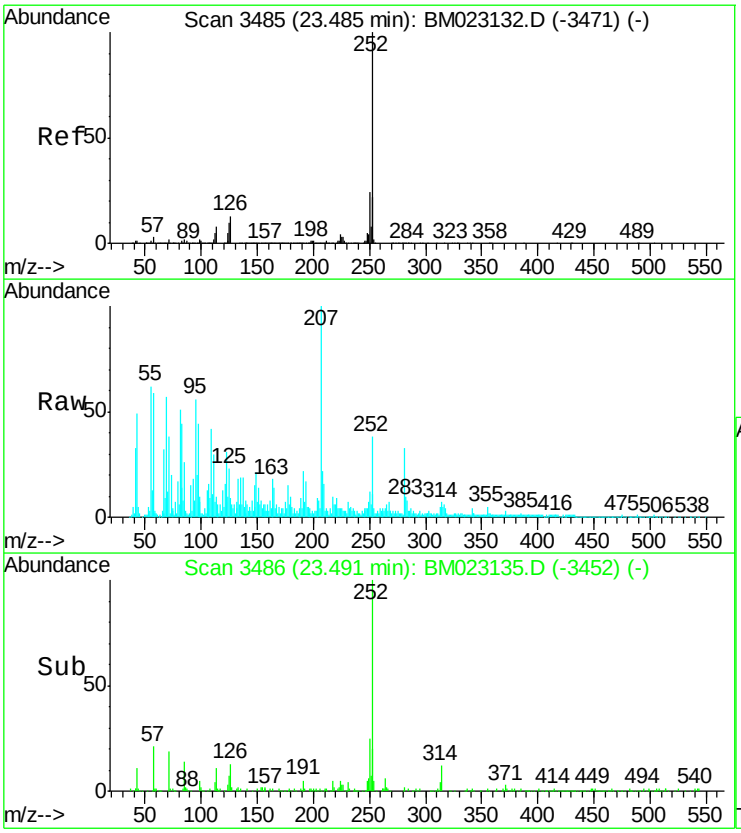
#88
Benzo(b)fluoranthene
Concen: 3.766 ng/ul
RT: 22.91 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Instrument :
BNA_M
ClientSampleId :
JLM80

Tgt Ion:252 Resp: 221662

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.7	26.5#
125	42.8	8.2	12.2#

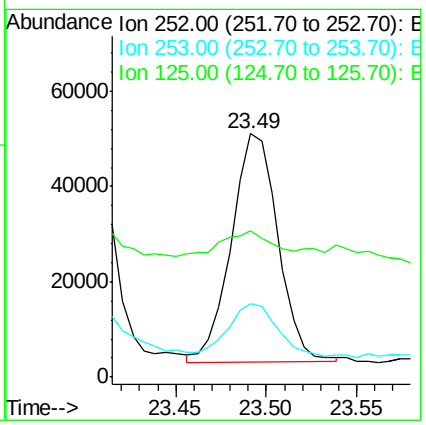


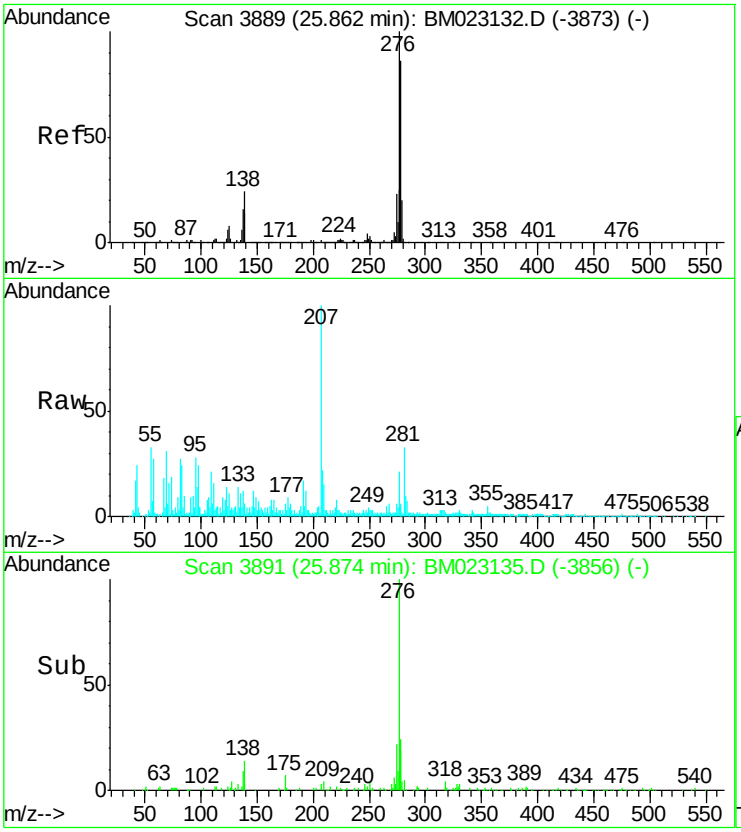


#91
Benzo(a)pyrene
Concen: 1.555 ng/ul
RT: 23.49 min Scan# 3486
Delta R.T. -0.00 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion:252 Resp: 85833

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.6	26.4#
125	60.1	8.7	13.1#



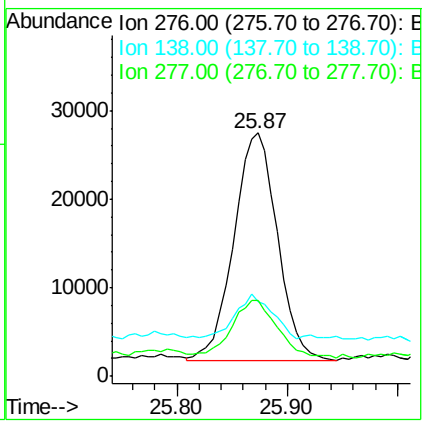


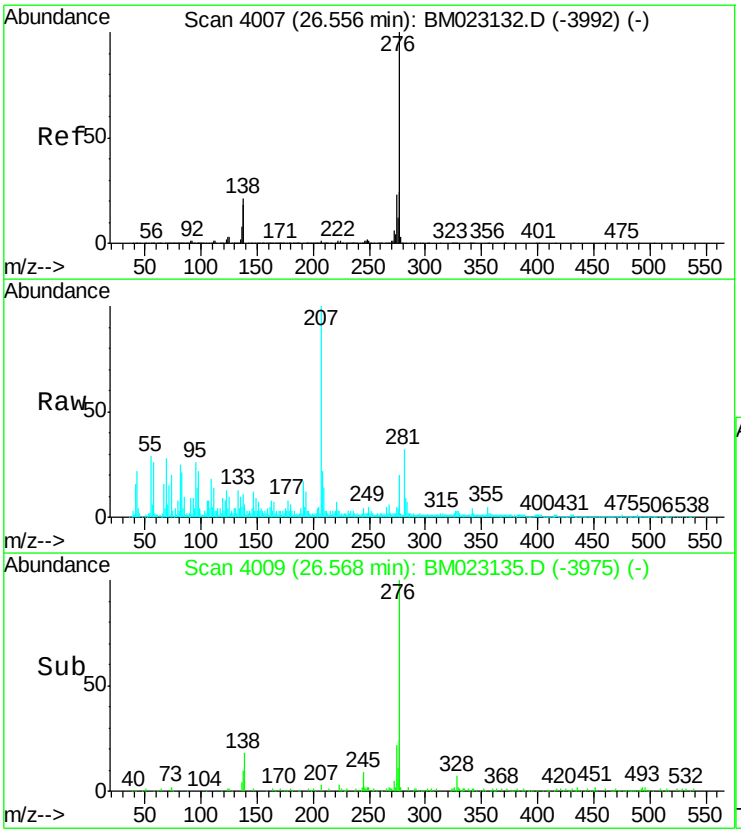
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.207 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Instrument :
BNA_M
ClientSampleId :
JLM80

Tgt Ion:276 Resp: 70795

Ion	Ratio	Lower	Upper
276	100		
138	30.8	19.8	29.8#
277	31.0	20.3	30.5#





#94
Benzo(g,h,i)perylene
Concen: 1.764 ng/ul
RT: 26.57 min Scan# 4009
Delta R.T. -0.00 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion:276 Resp: 83447

Ion	Ratio	Lower	Upper
276	100		
138	31.0	17.6	26.4#
277	30.4	19.1	28.7#