Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 09 05:13:03 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	181749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	758534	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	441080	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	847534	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	826836	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	978244	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	21466	5.11	ng/uL	0.00
5) Phenol-d5	6.94	99	78532	4.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	173066	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	217526	16.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	140270	10.67	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	122119	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	133066	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	247727	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	262859	17.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	766305	22.39	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	868204	21.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	25173	3.72	ng/ul	0.00
58) Fluorene-d10	15.40	176	639642	21.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	95437	17.30	ng/ul	0.00
71) Anthracene-d10	17.24	188	992534	23.98	ng/ul	0.00
79) Pyrene-d10	19.54	212	1089283	24.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1233212	24.37	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	11632	1.598	ng/ul#	23
17) Hexachloroethane	8.88	117	9592	1.820	ng/ul#	6
28) Naphthalene	10.61	128	197490	4.821	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	106000	3.451	ng/ul	100
35) 1-Methylnaphthalene	12.45	142	102874	3.507	ng/ul	97
45) Dimethylphthalate	13.87	163	146737	4.173	ng/ul	99
50) Acenaphthene	14.47	153	50596	1.702	ng/ul	99
70) Phenanthrene	17.19	178	76959	1.521	ng/ul	99

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

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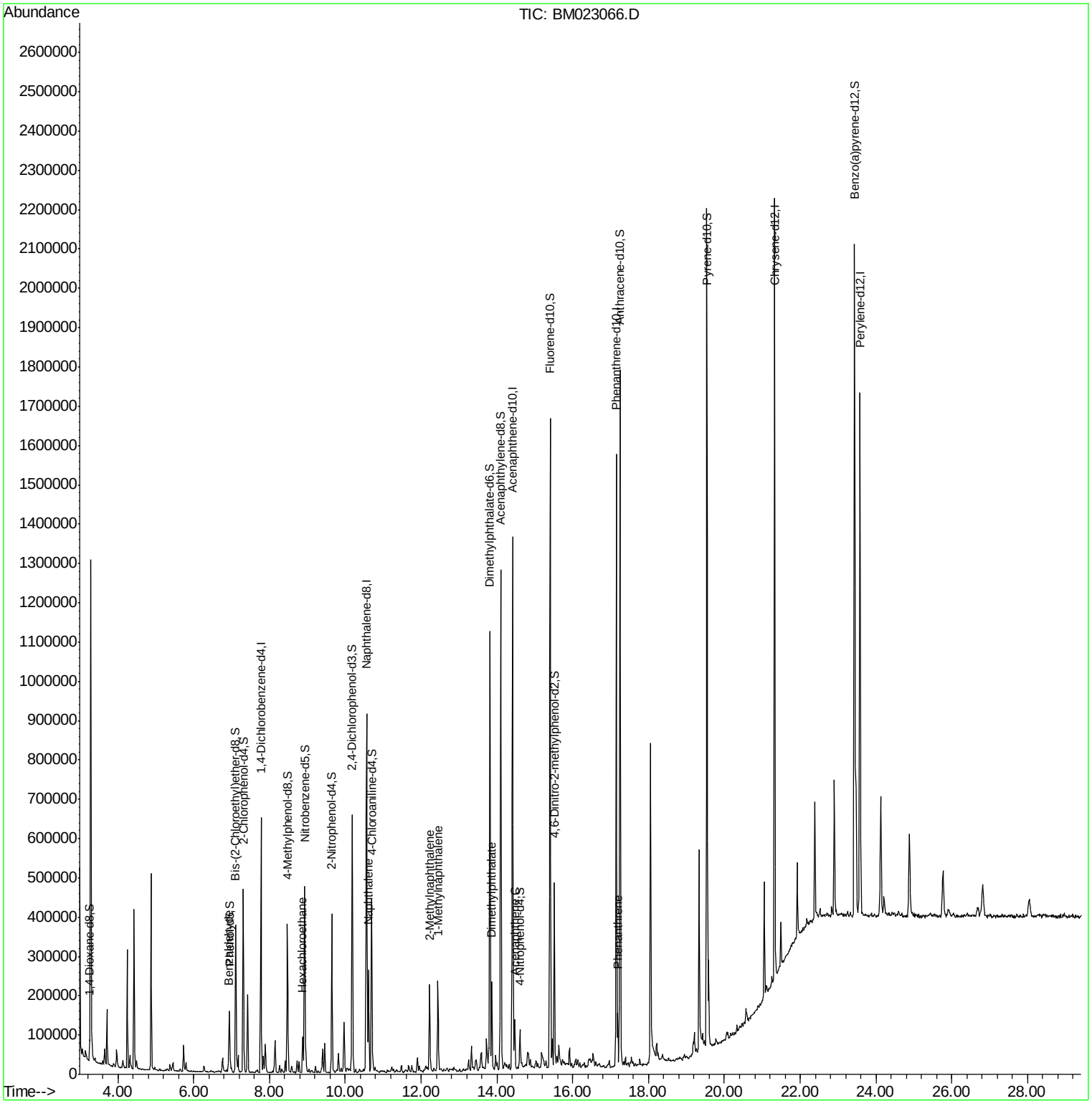
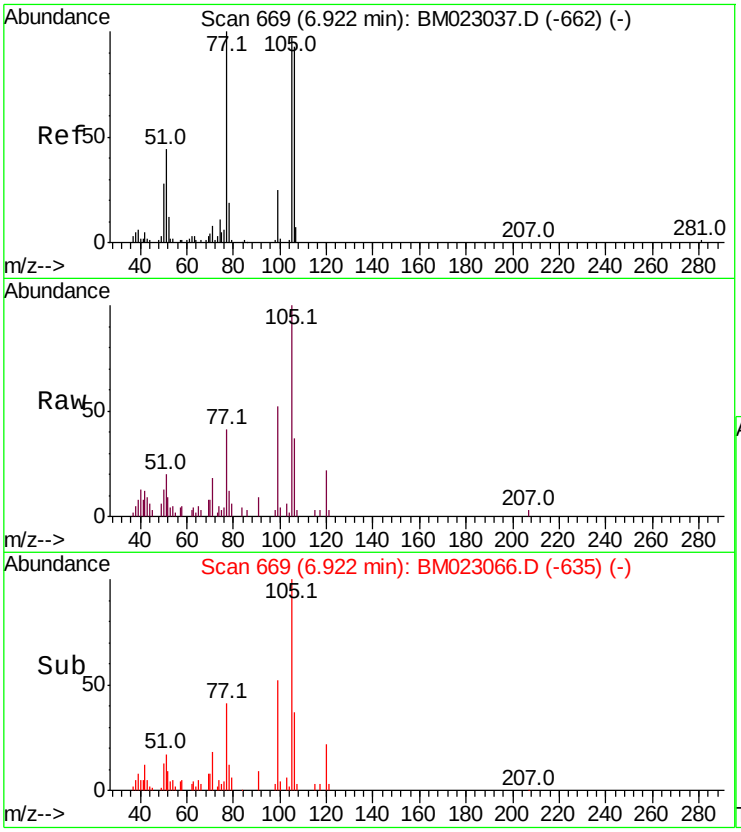


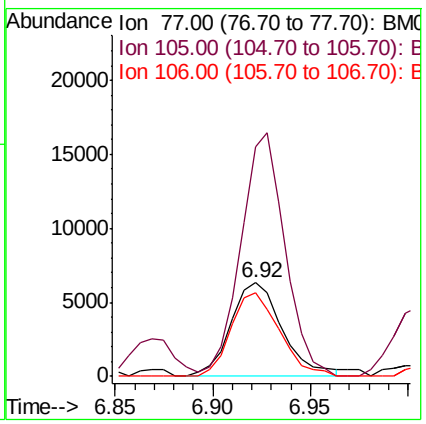


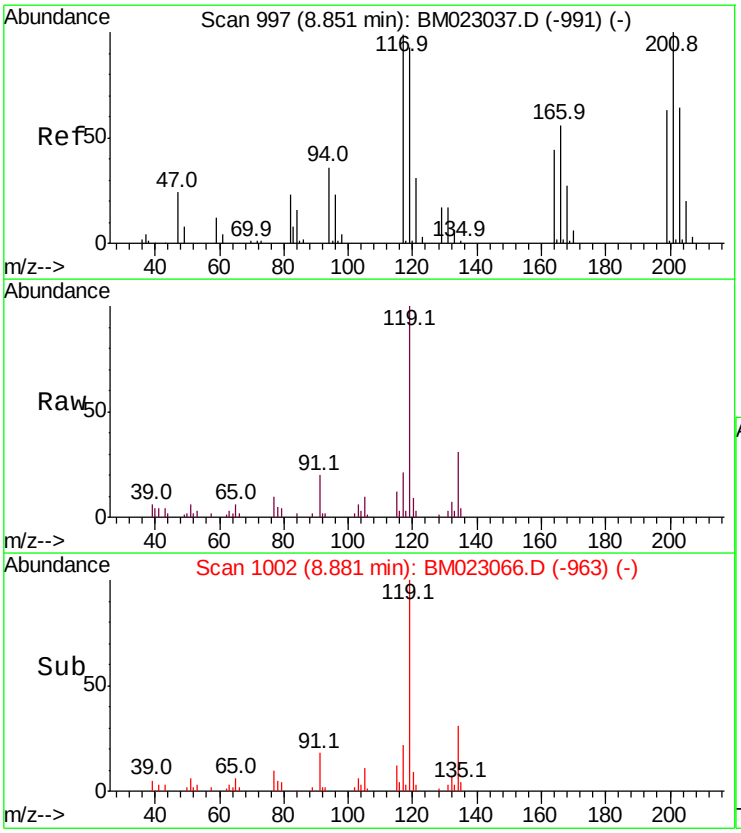
#4
Benzaldehyde
Concen: 1.598 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 11632

Ion	Ratio	Lower	Upper
77	100		
105	245.3	80.6	120.8#
106	89.9	77.0	115.6

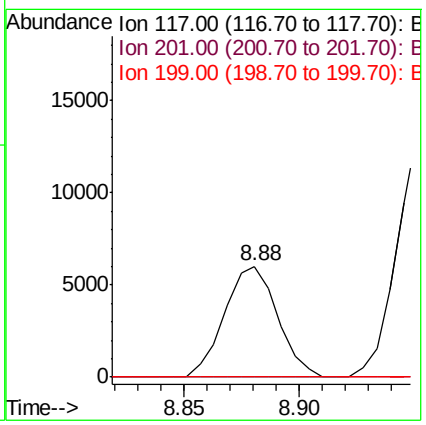


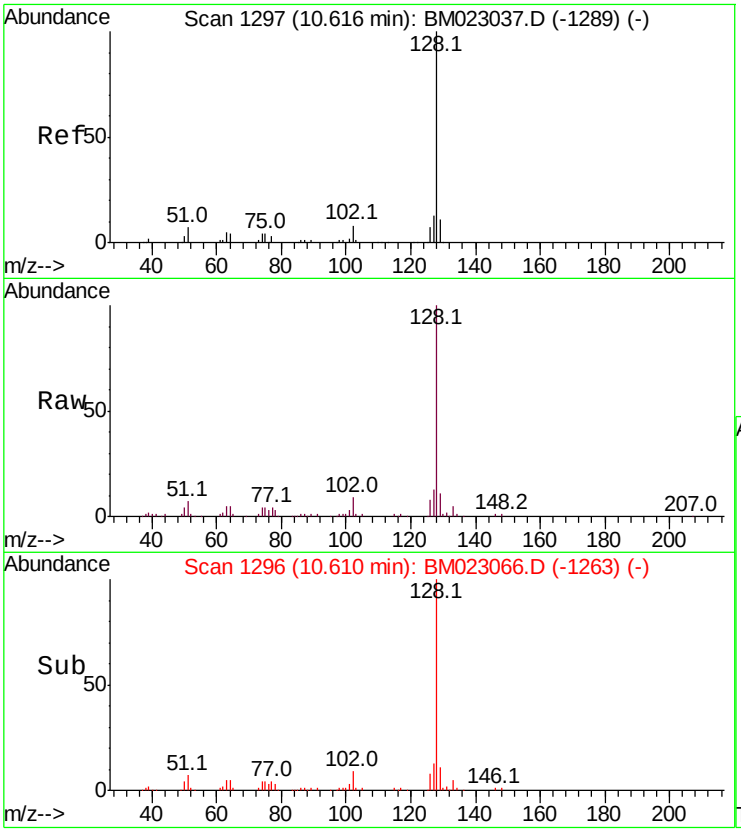


#17
Hexachloroethane
Concen: 1.820 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Tgt Ion:117 Resp: 9592

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#



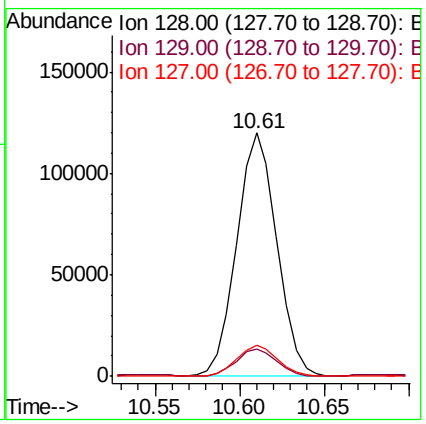


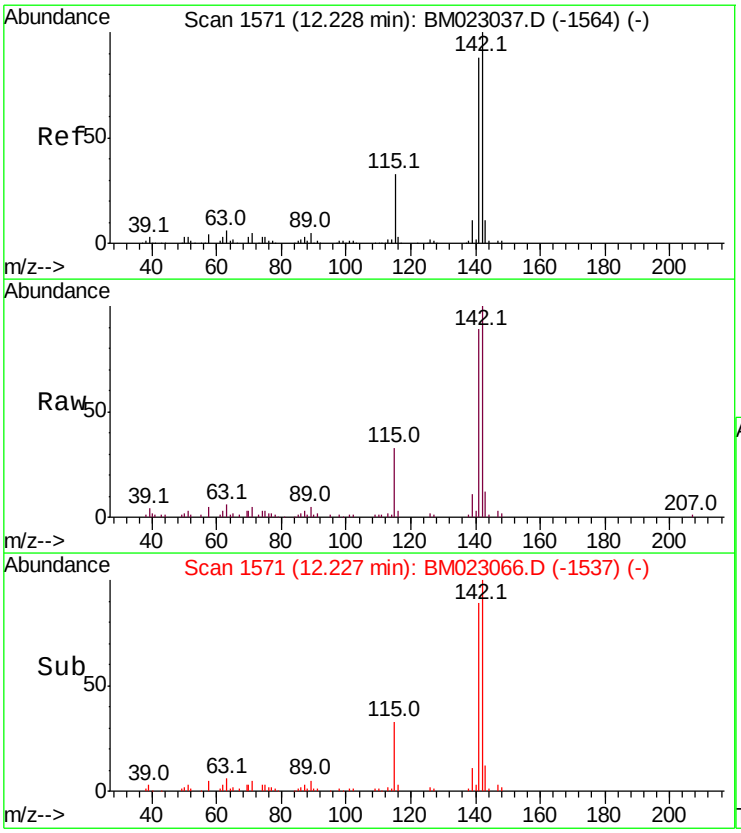
#28
Naphthalene
Concen: 4.821 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 197490

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.0	10.2	15.4

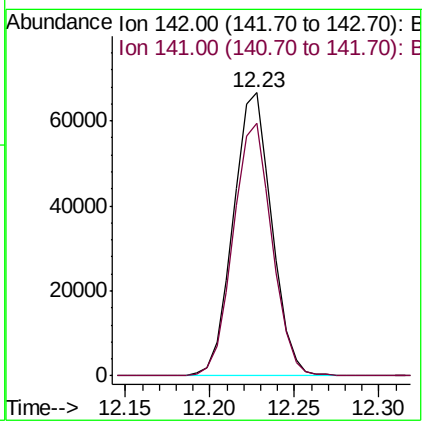


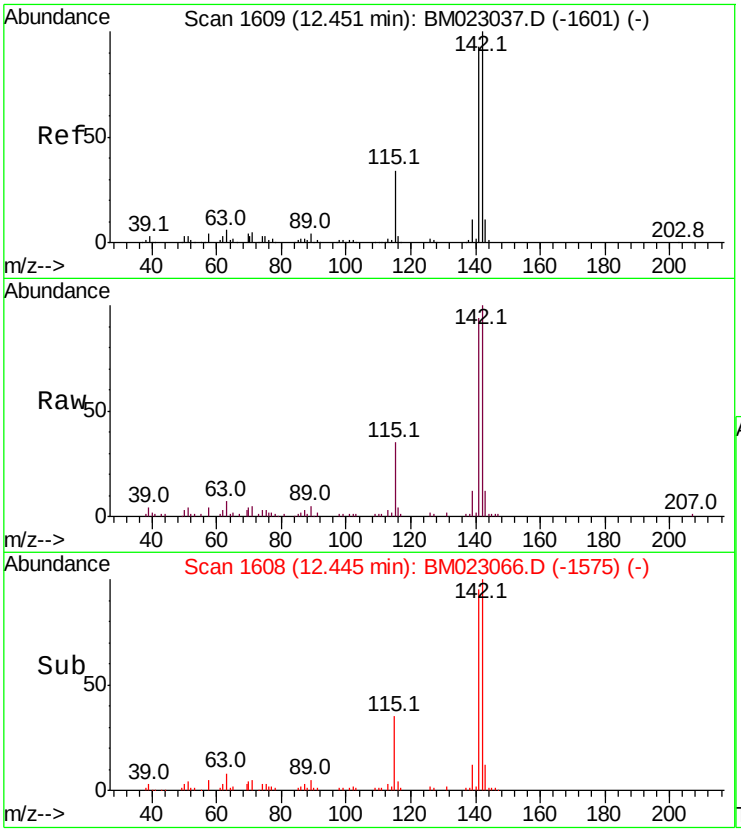


#34
2-Methylnaphthalene
Concen: 3.451 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Tgt Ion:142 Resp: 106000

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8



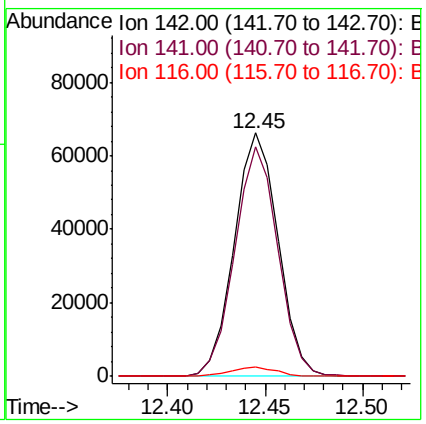


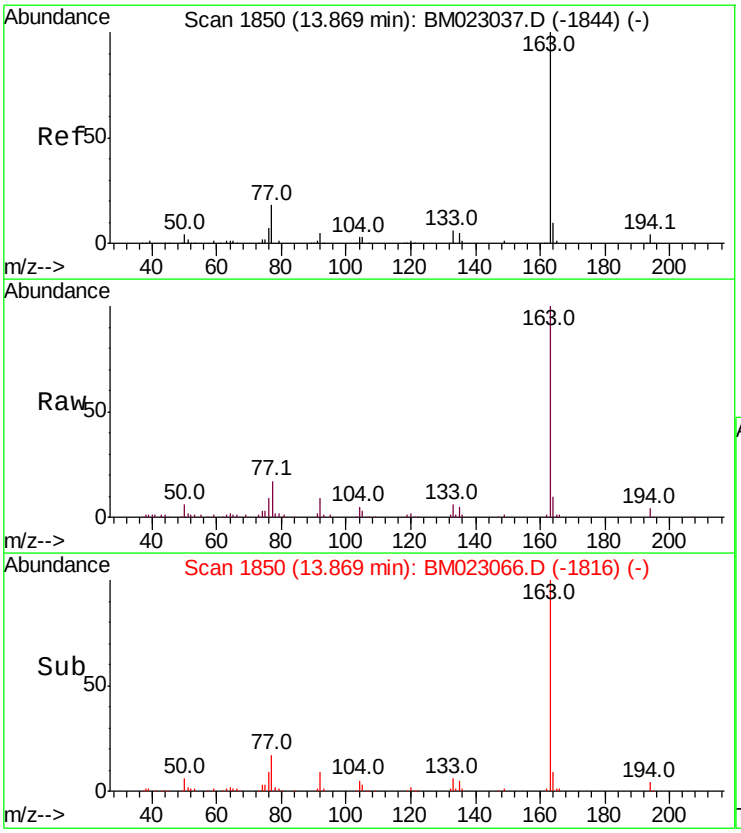
#35
1-Methylnaphthalene
Concen: 3.507 ng/ul
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 102874

Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.0	109.6
116	3.7	2.9	4.3

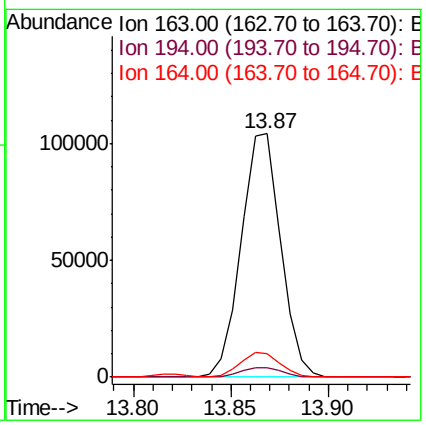


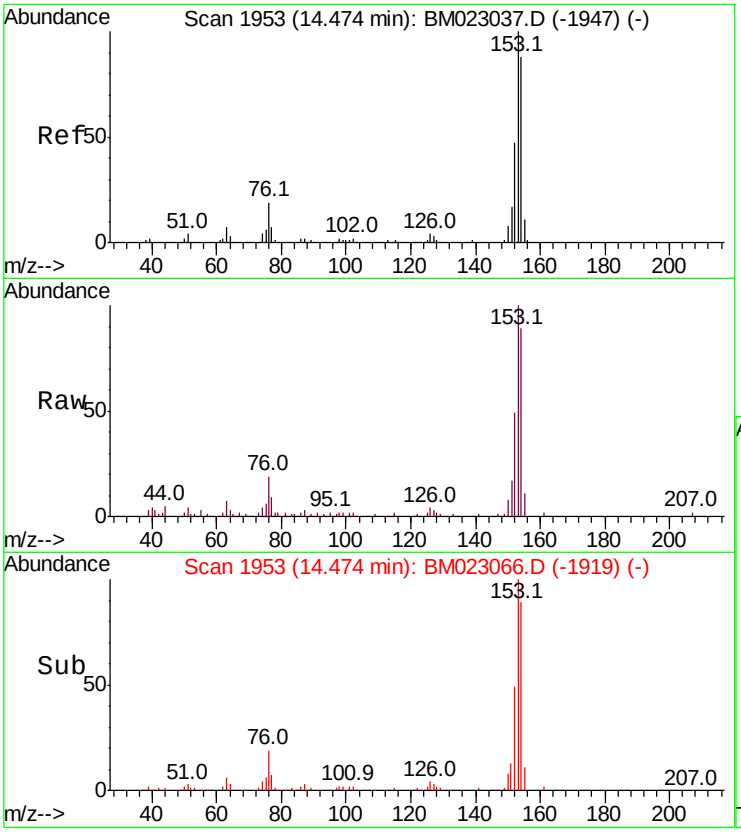


#45
Dimethylphthalate
Concen: 4.173 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Tgt Ion:163 Resp: 146737

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.1	12.1



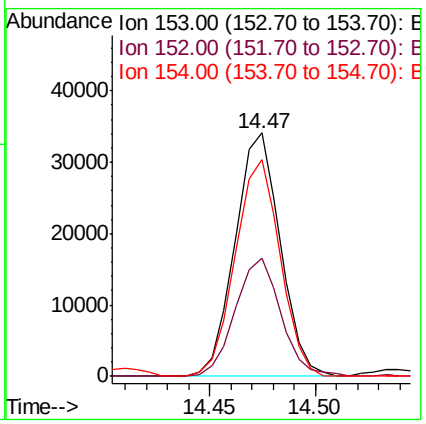


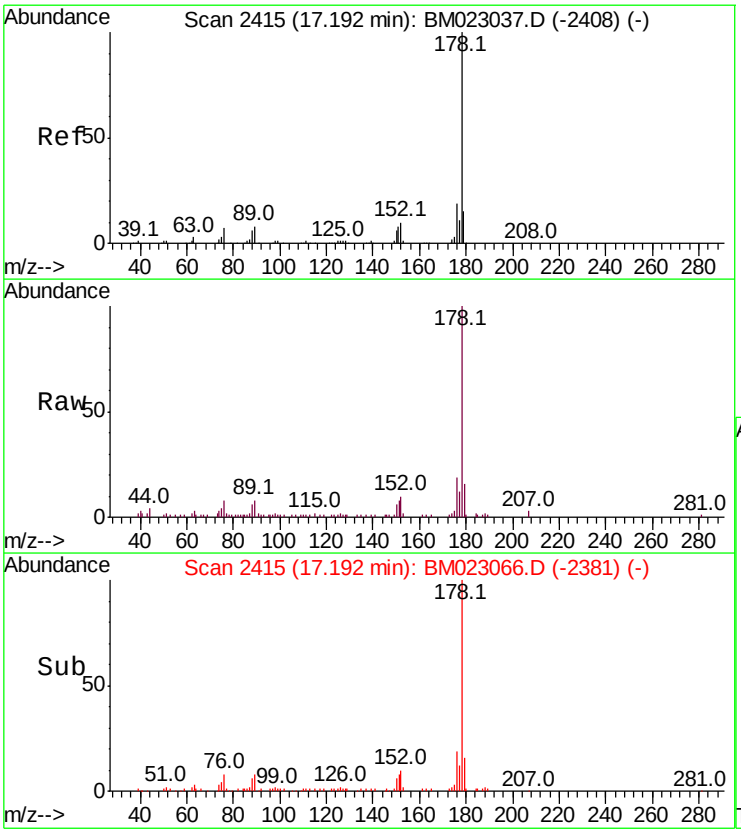
#50
Acenaphthene
Concen: 1.702 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 50596

Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.1	57.1
154	88.8	71.1	106.7





#70
Phenanthrene
Concen: 1.521 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM023066.D
Acq: 09 Oct 2019 04:11

Tgt Ion:178 Resp: 76959

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.9	15.3	22.9