Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023415.D
Acq On : 28 Oct 2019 12:36
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 29 11:47:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	411193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1623435	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	945403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1857441	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1838472	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2230411	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	37424	4.32	ng/uL	0.00
5) Phenol-d5	6.82	99	746534	21.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	455742	22.51	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.17	132	610430	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	542354	19.34	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	301573	24.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	328430	24.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	594172	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	392212	12.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1772611	24.69	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2079316	25.28	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	199490	16.04	ng/ul	0.00
58) Fluorene-d10	15.27	176	1488455	24.48	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	181503	15.70	ng/ul	0.00
71) Anthracene-d10	17.13	188	2206219	25.13	ng/ul	0.00
79) Pyrene-d10	19.43	212	2386070	23.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2862144	25.19	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.84	94	84297	2.370	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	459295	16.563	ng/ul#	23
28) Naphthalene	10.46	128	91007	1.094	ng/ul	99
45) Dimethylphthalate	13.74	163	751663	10.428	ng/ul	100
48) Acenaphthylene	14.00	152	2205391	25.869	ng/ul	100
50) Acenaphthene	14.34	153	244604	4.079	ng/ul	99
54) Dibenzofuran	14.68	168	495384	5.768	ng/ul	97
59) Fluorene	15.33	166	424093	6.056	ng/ul	99
70) Phenanthrene	17.16	178	5383692	51.865	ng/ul	100
72) Anthracene	17.16	178	5388894	51.239	ng/ul	99
75) Carbazole	17.43	167	2042156	23.033	ng/ul	99
77) Fluoranthene	19.24	202	1442657	13.324	ng/ul	99
83) Benzo(a)anthracene	21.16	228	145883	1.186	ng/ul#	62
85) Chrysene	21.16	228	145883	1.286	ng/ul#	67
88) Benzo(b)fluoranthene	22.70	252	237742	1.660	ng/ul#	1
89) Benzo(k)fluoranthene	22.95	252	4651612	34.581	ng/ul#	92
91) Benzo(a)pyrene	23.35	252	3763615	29.021	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.67	276	20620150	146.845	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	4676966	39.500	ng/ul#	85
94) Benzo(g,h,i)perylene	26.36	276	18836765	164.878	ng/ul	97

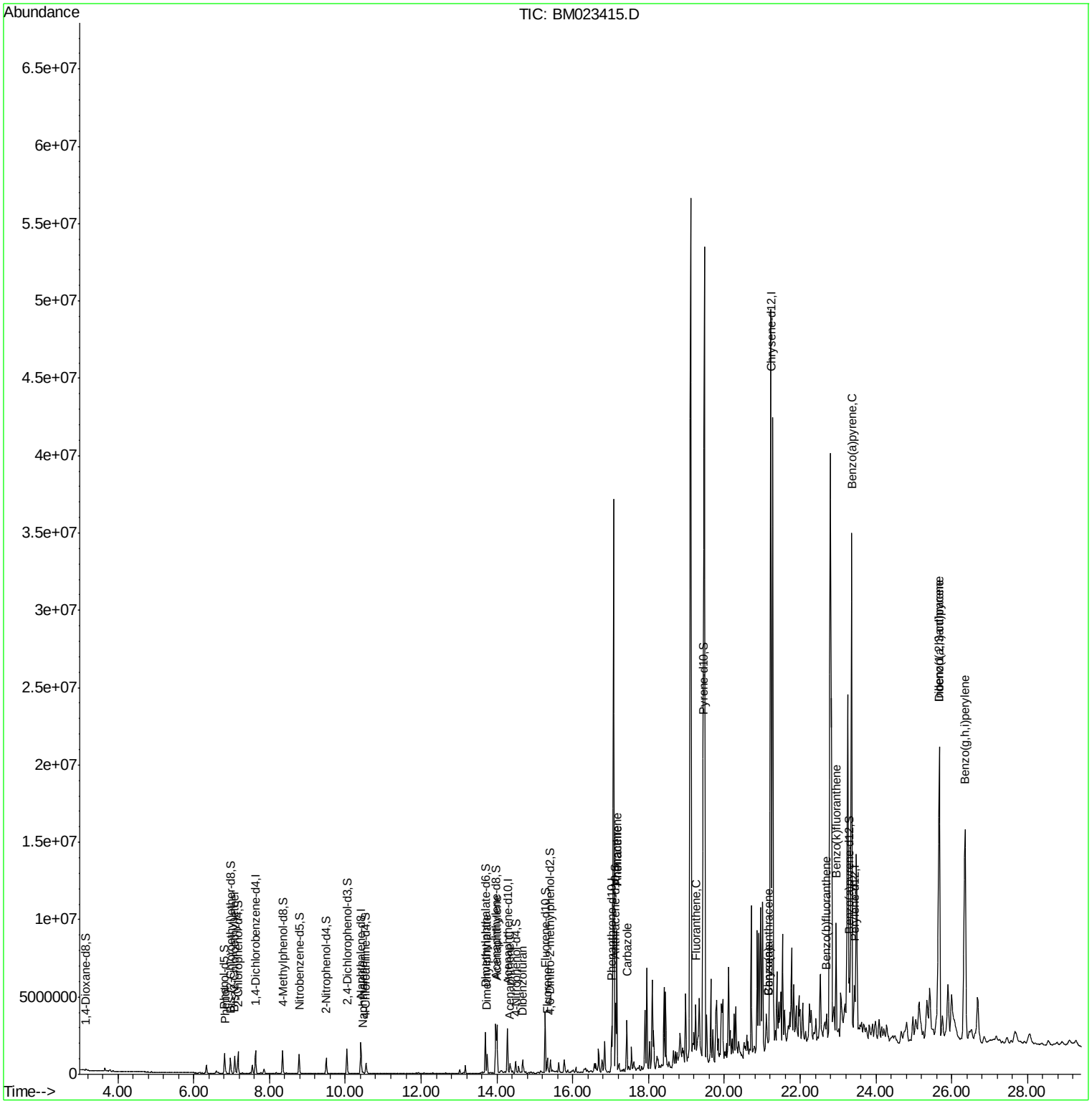
(#) = qualifier out of range (m) = manual integration (+) = signals summed

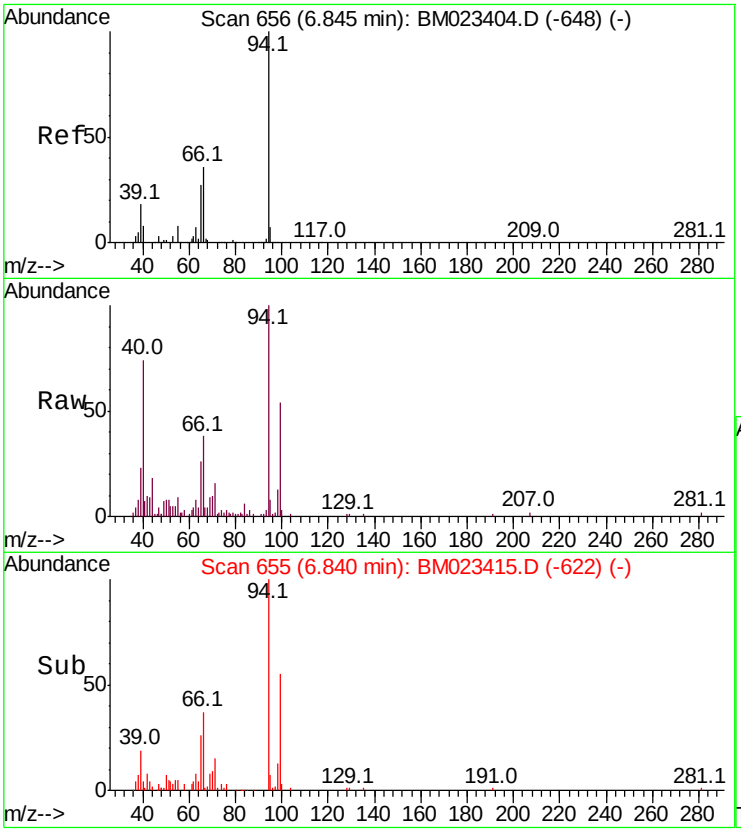
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023415.D
Acq On : 28 Oct 2019 12:36
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 29 11:47:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration



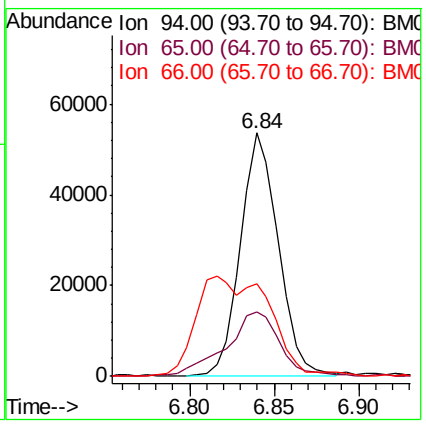


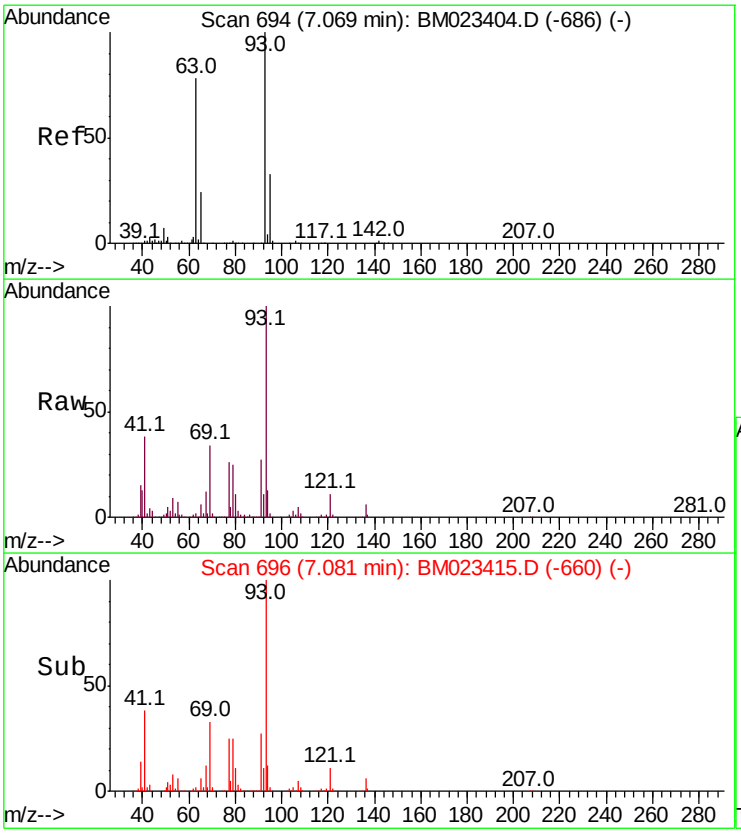
#6
Phenol
Concen: 2.370 ng/ul
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 84297

Ion	Ratio	Lower	Upper
94	100		
65	26.5	22.9	34.3
66	37.8	31.4	47.2

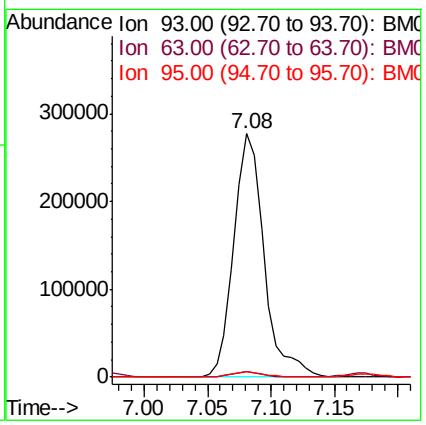


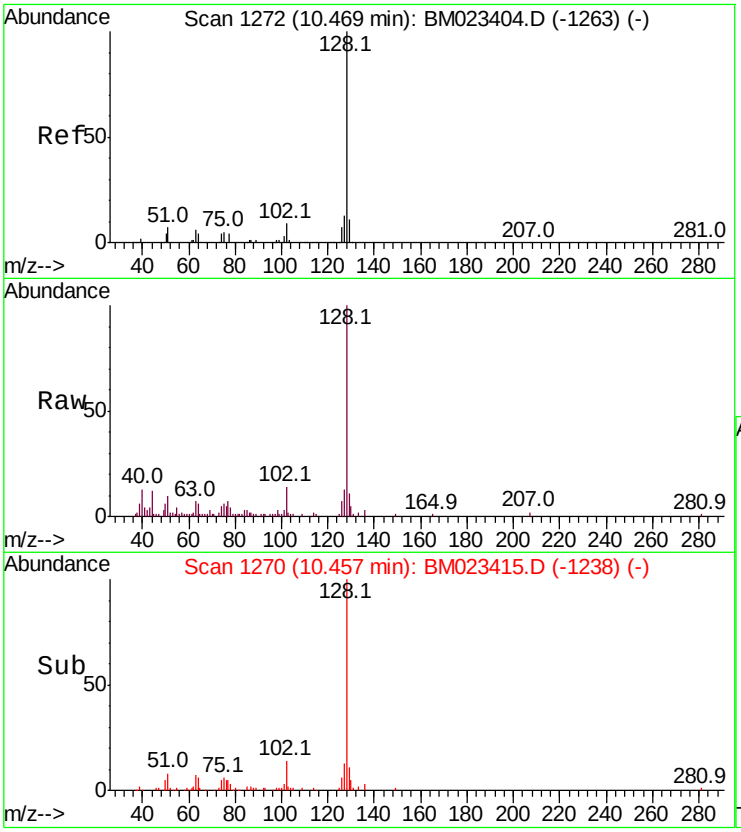


#8
Bis(2-Chloroethyl)ether
Concen: 16.563 ng/ul
RT: 7.08 min Scan# 696
Delta R.T. 0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion: 93 Resp: 459295

Ion	Ratio	Lower	Upper
93	100		
63	2.1	61.4	92.0#
95	2.3	26.1	39.1#



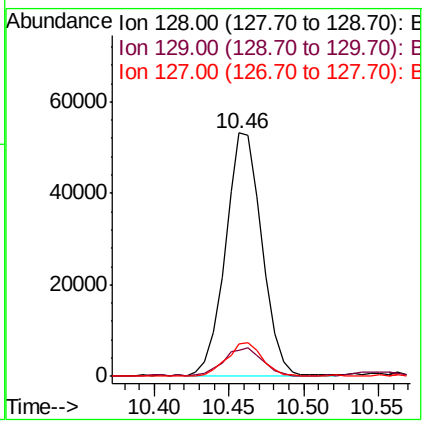


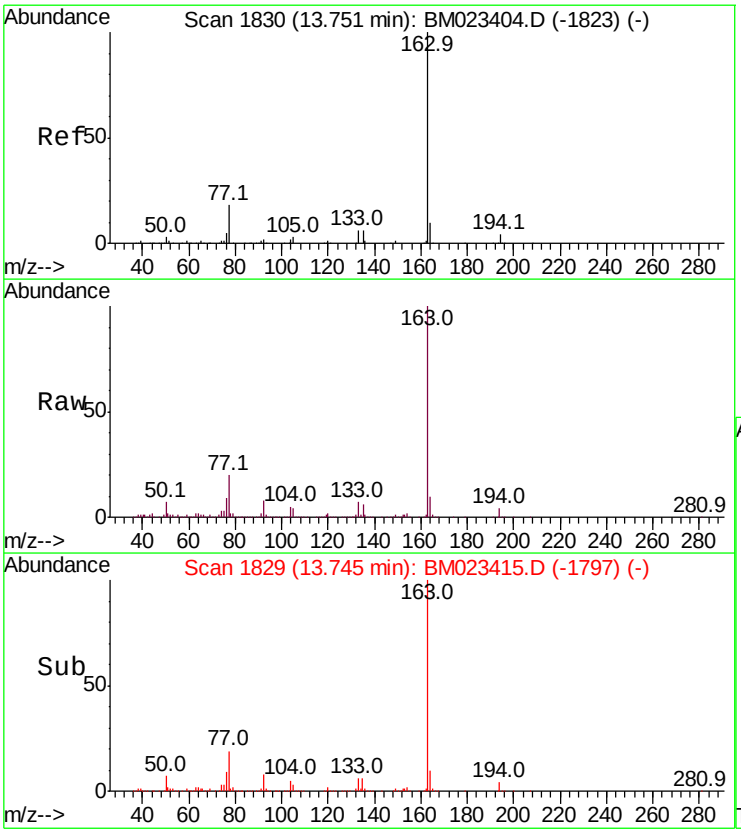
#28
Naphthalene
Concen: 1.094 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 91007

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.4	15.6

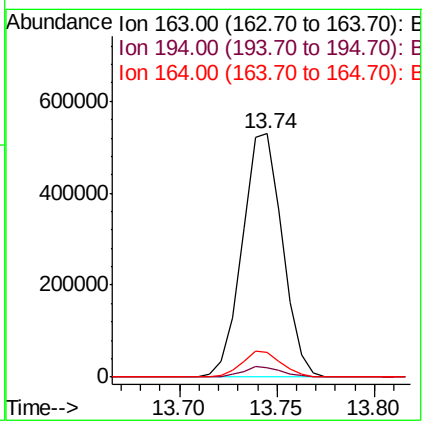


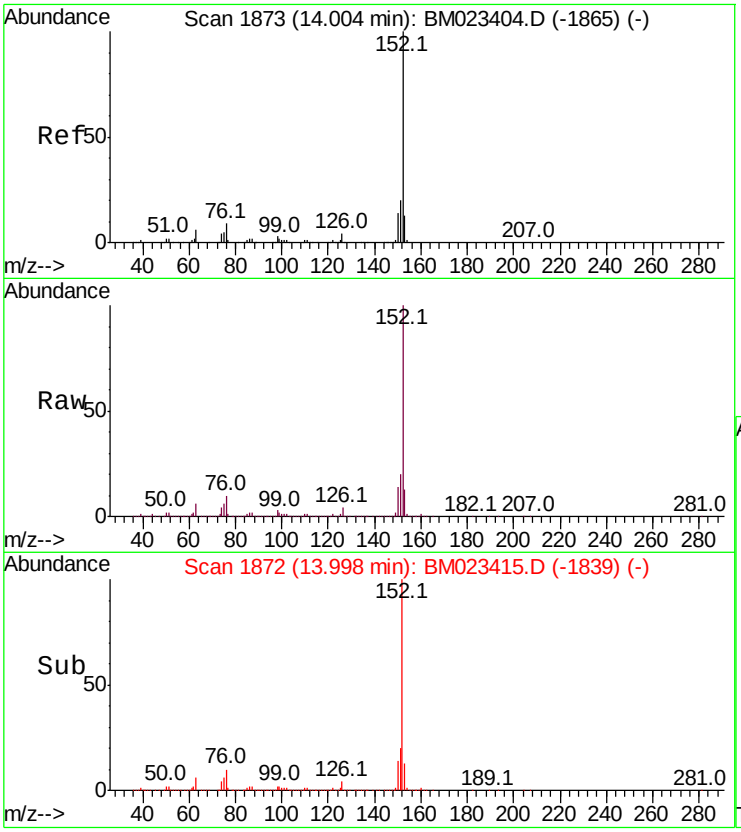


#45
Dimethylphthalate
Concen: 10.428 ng/ul
RT: 13.74 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:163 Resp: 751663

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	7.9	11.9



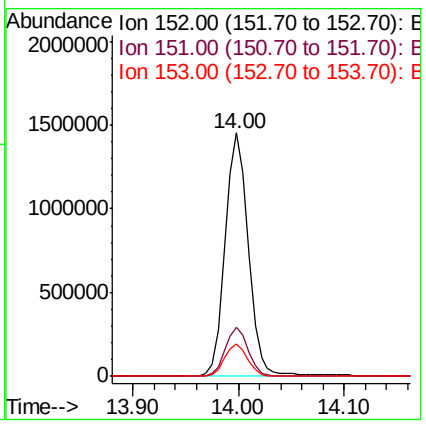


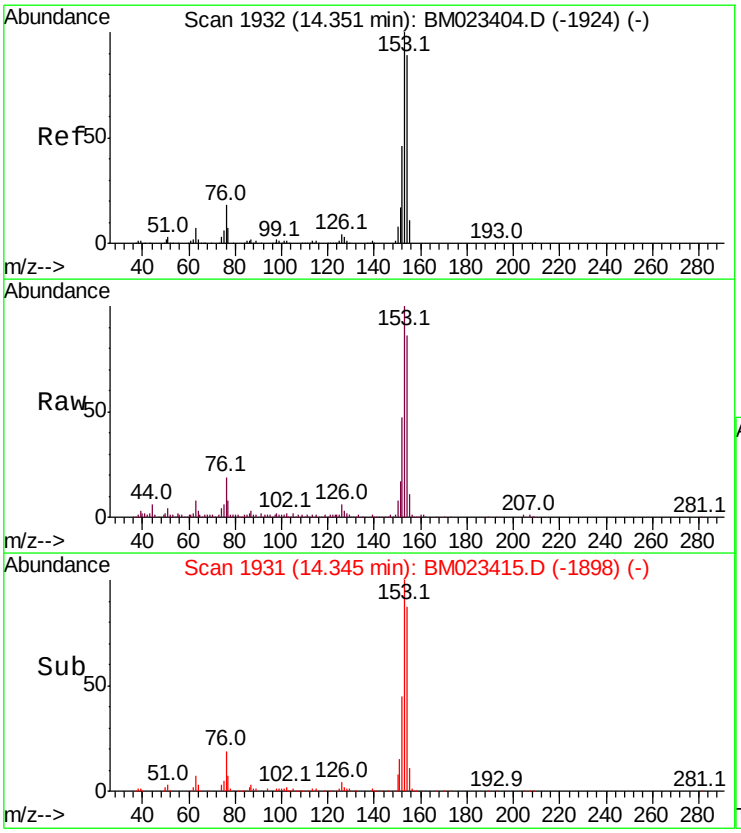
#48
Acenaphthylene
Concen: 25.869 ng/ul
RT: 14.00 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2205391

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.1	10.4	15.6

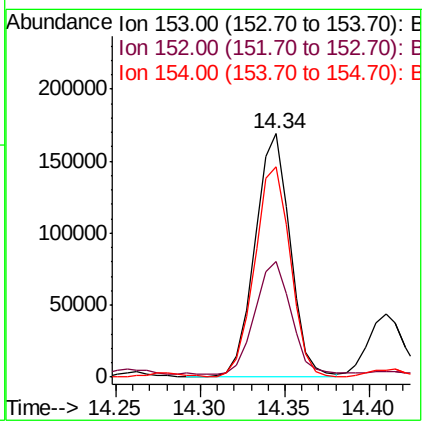


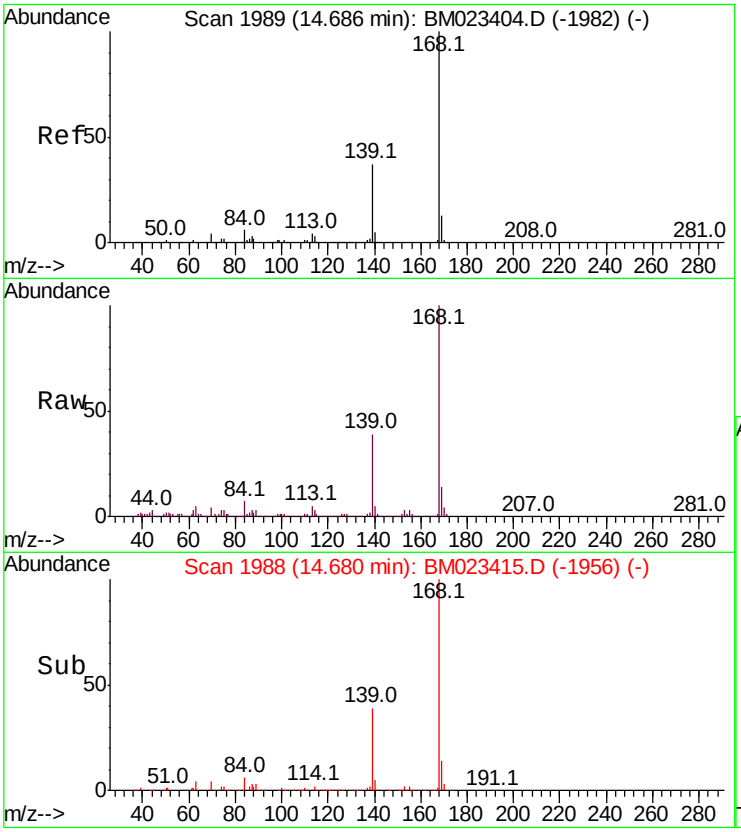


#50
Acenaphthene
Concen: 4.079 ng/ul
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:153 Resp: 244604

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.9	56.9
154	86.3	70.6	106.0



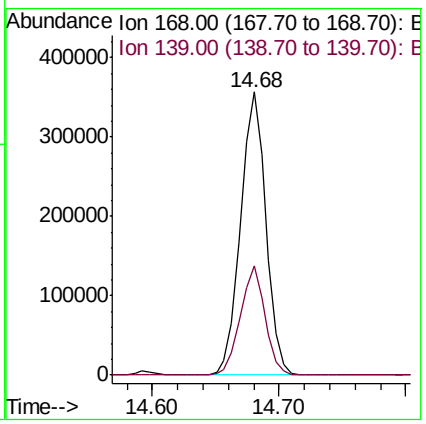


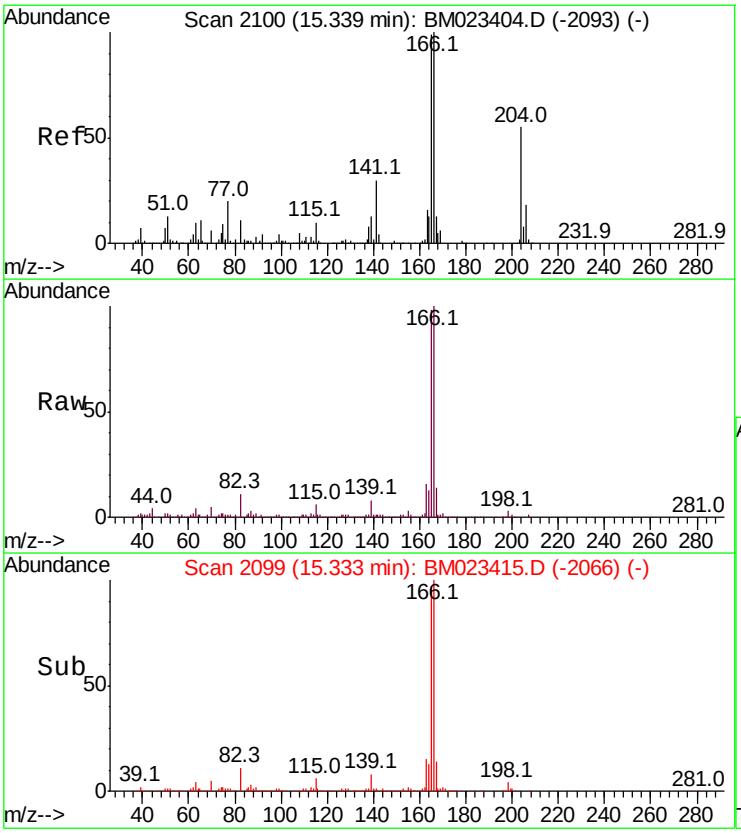
#54
Dibenzofuran
Concen: 5.768 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 495384

Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.7	44.5

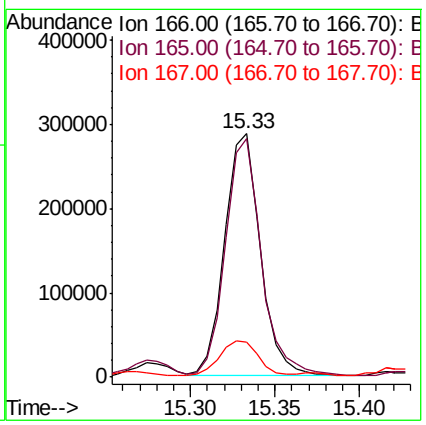


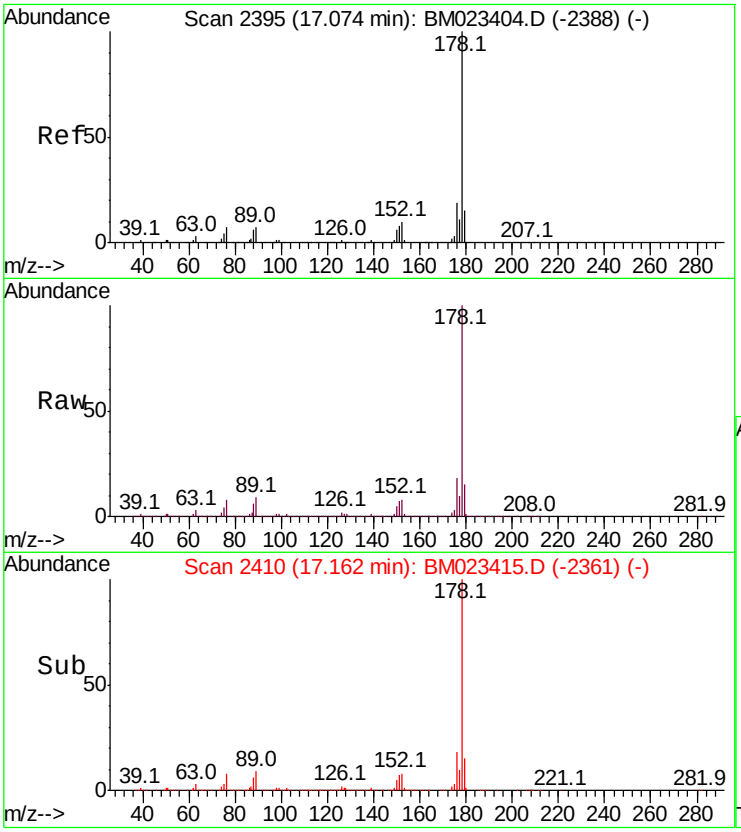


#59
Fluorene
Concen: 6.056 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:166 Resp: 424093

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	14.3	10.8	16.2



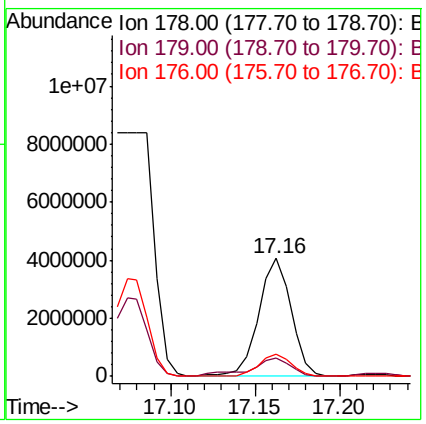


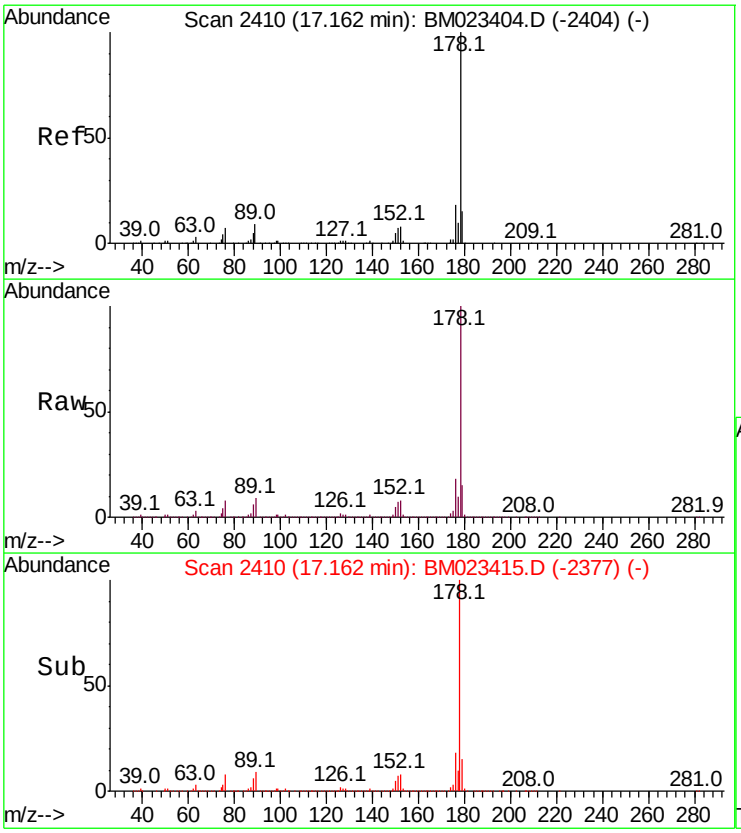
#70
Phenanthrene
Concen: 51.865 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. 0.09 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 5383692

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.5	14.9	22.3

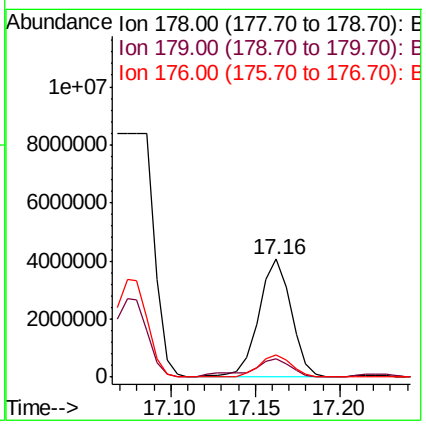


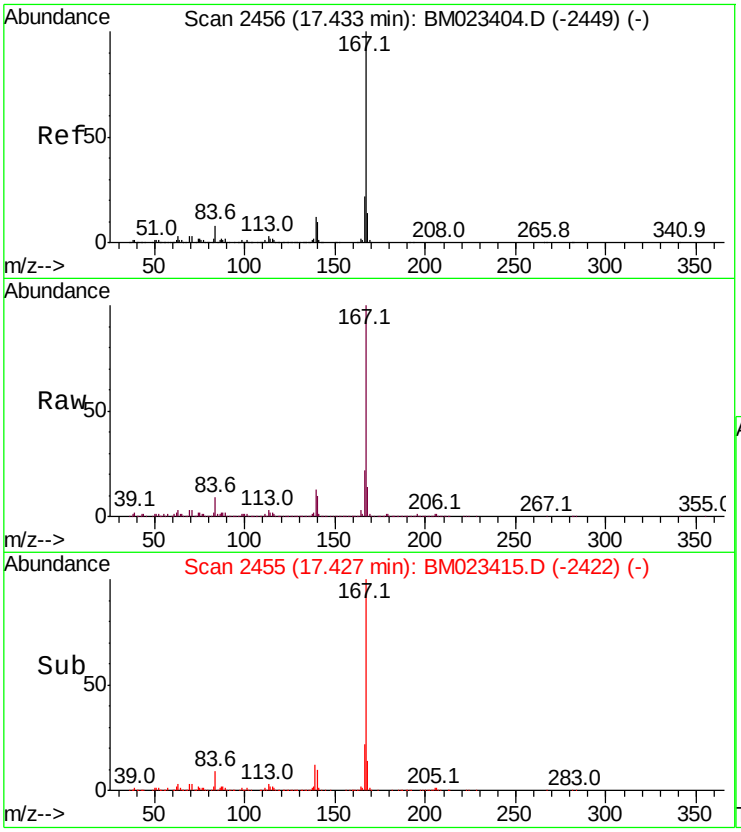


#72
Anthracene
Concen: 51.239 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:178 Resp: 5388894

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.5	14.4	21.6



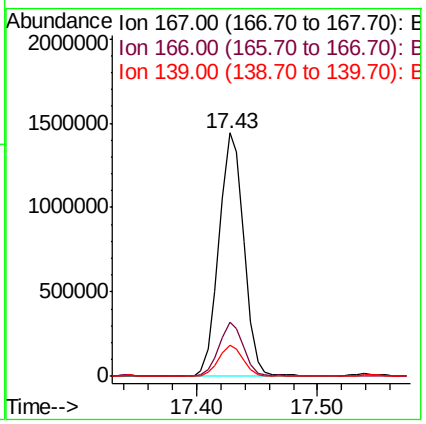


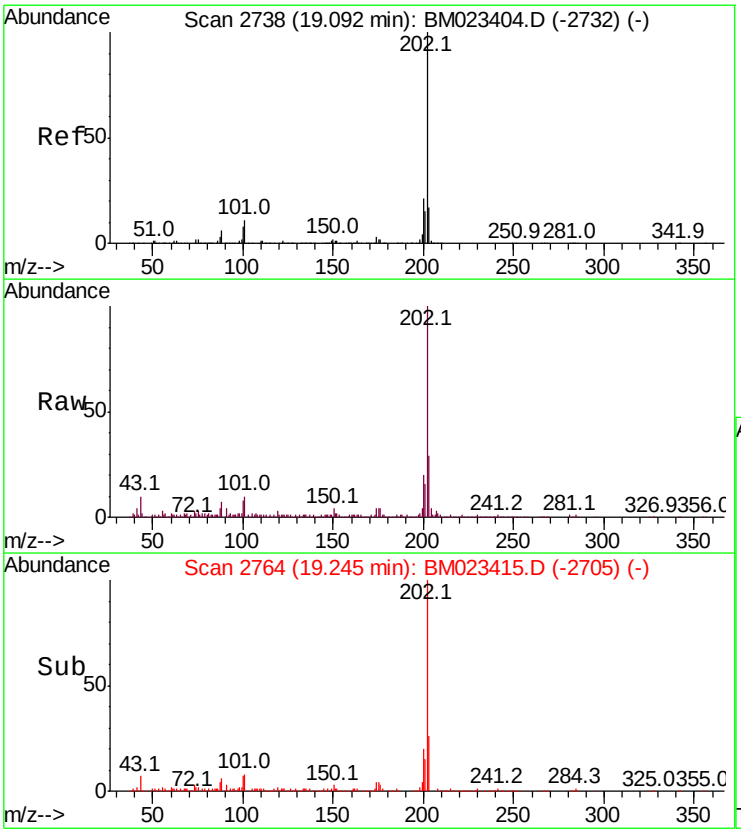
#75
Carbazole
Concen: 23.033 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 2042156

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	12.6	10.0	15.0

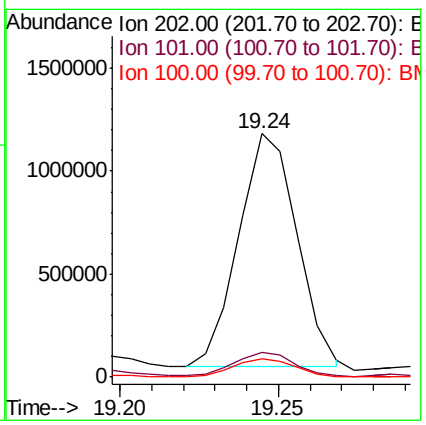


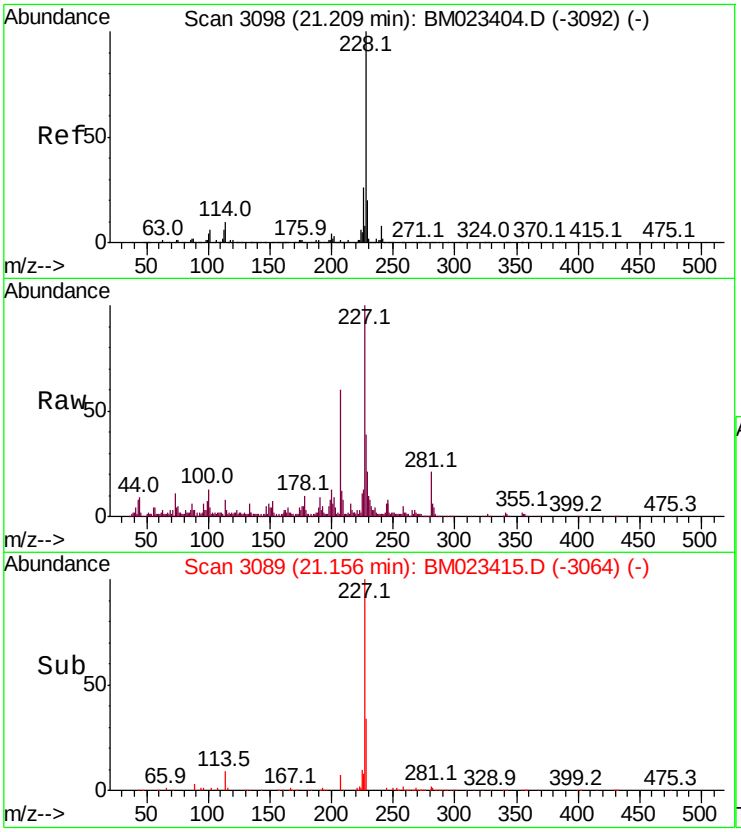


#77
Fluoranthene
Concen: 13.324 ng/ul
RT: 19.24 min Scan# 2764
Delta R.T. 0.15 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:202 Resp: 1442657

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
100	7.6	6.2	9.2



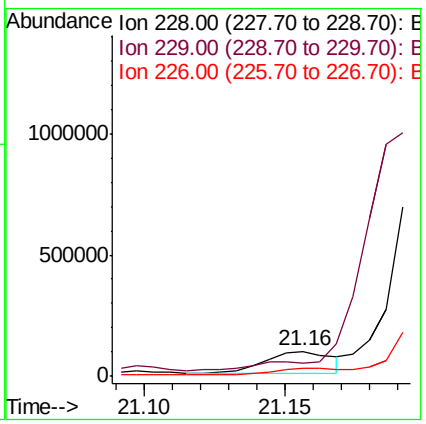


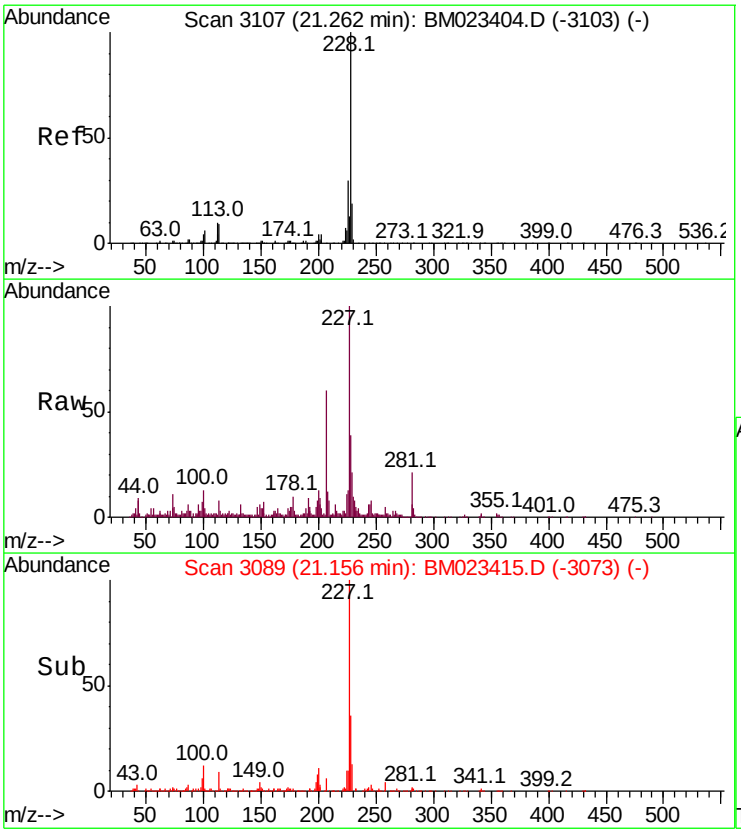
#83
Benzo(a)anthracene
Concen: 1.186 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. -0.05 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 145883

Ion	Ratio	Lower	Upper
228	100		
229	53.3	15.8	23.8#
226	33.7	21.6	32.4#

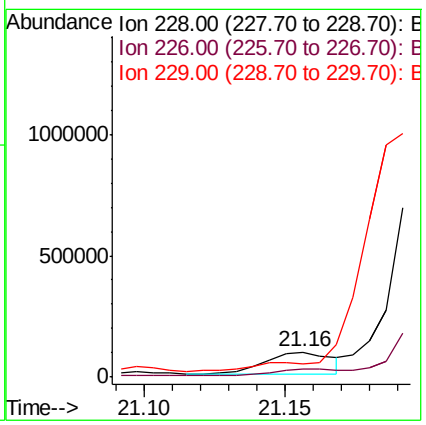


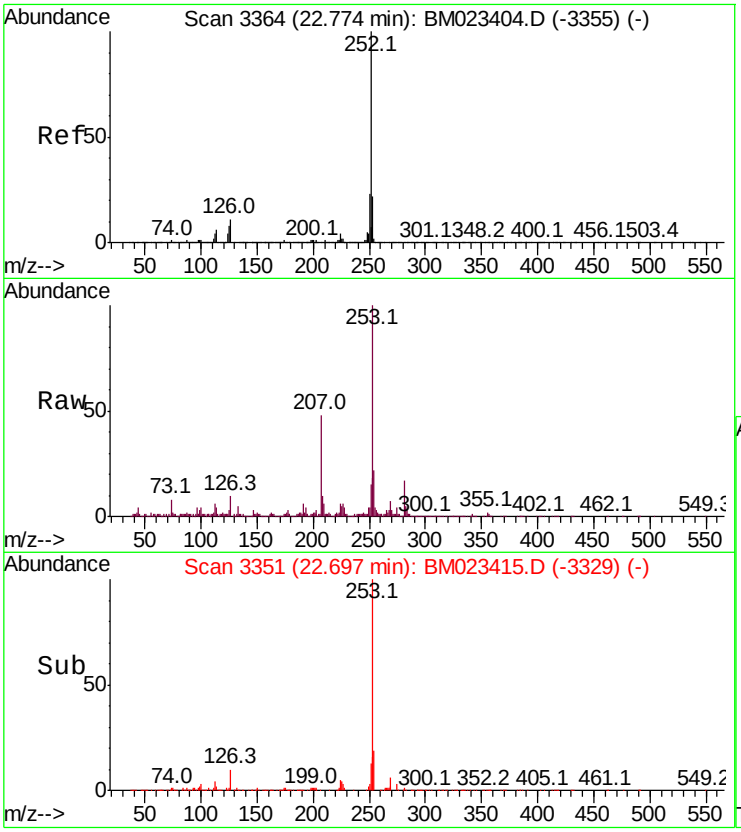


#85
Chrysene
Concen: 1.286 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. -0.11 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:228 Resp: 145883

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.0	36.0
229	53.3	16.0	24.0#



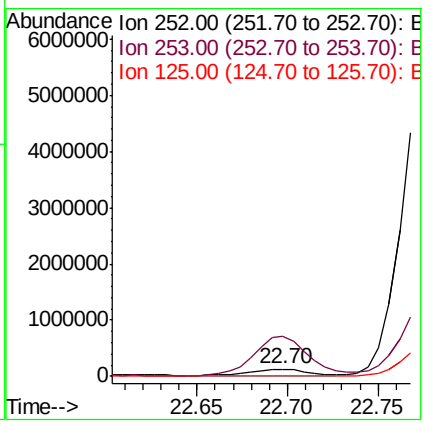


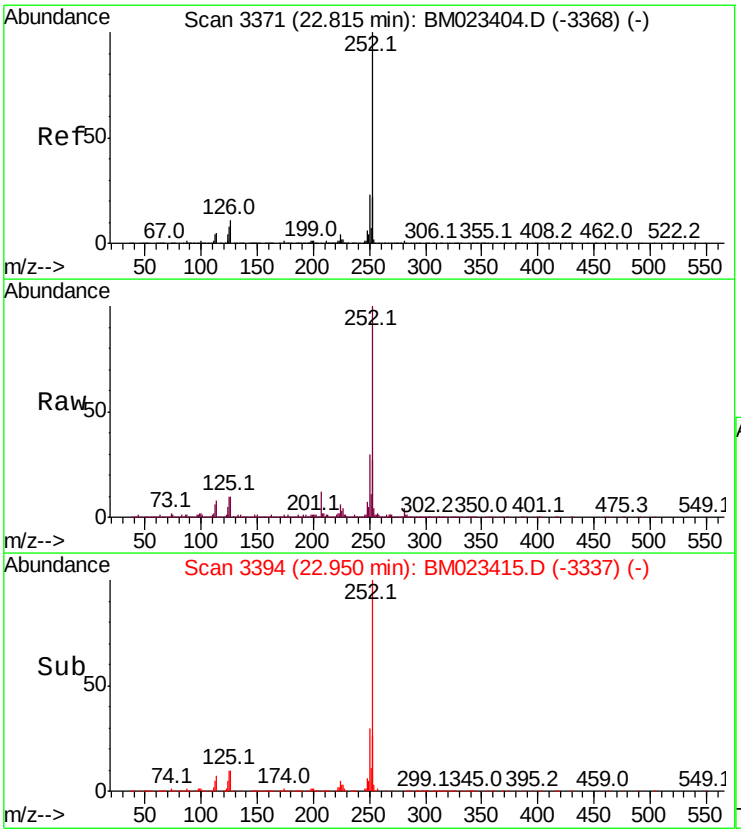
#88
Benzo(b)fluoranthene
Concen: 1.660 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.07 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 237742

Ion	Ratio	Lower	Upper
252	100		
253	566.4	17.5	26.3#
125	14.6	7.1	10.7#

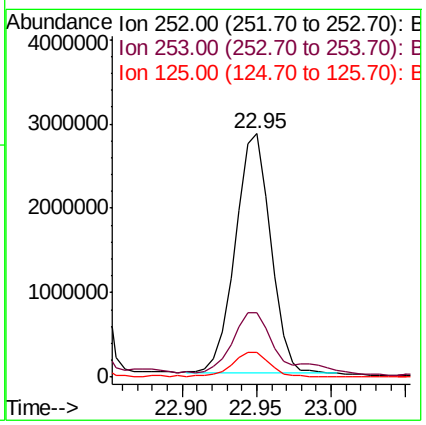


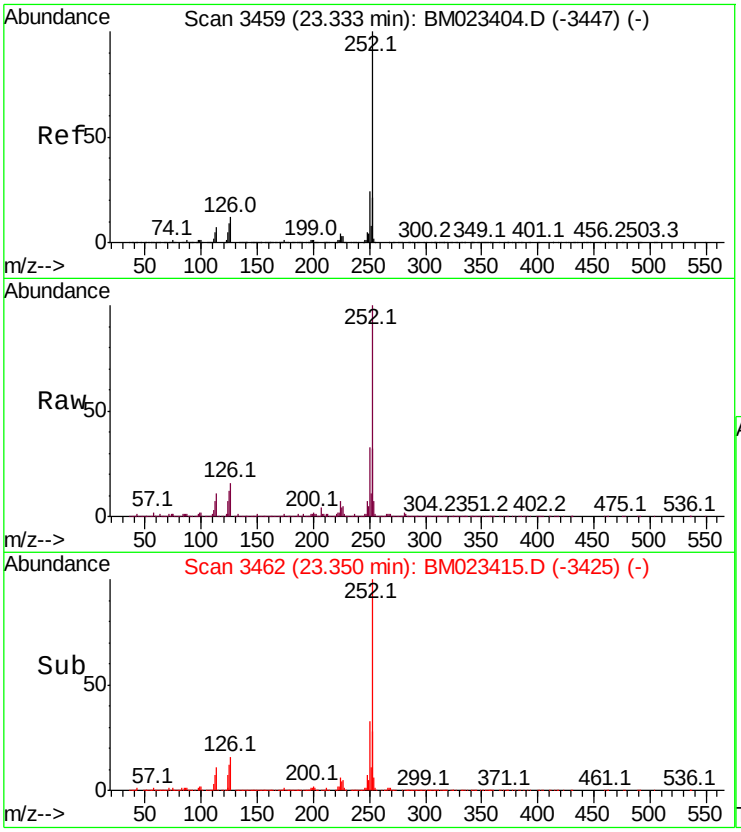


#89
Benzo(k)fluoranthene
Concen: 34.581 ng/ul
RT: 22.95 min Scan# 3394
Delta R.T. 0.13 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:252 Resp: 4651612

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.6#
125	10.1	6.8	10.2



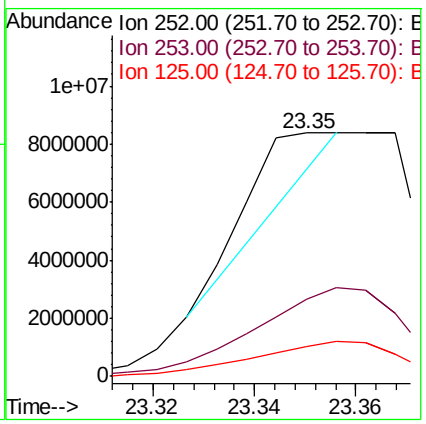


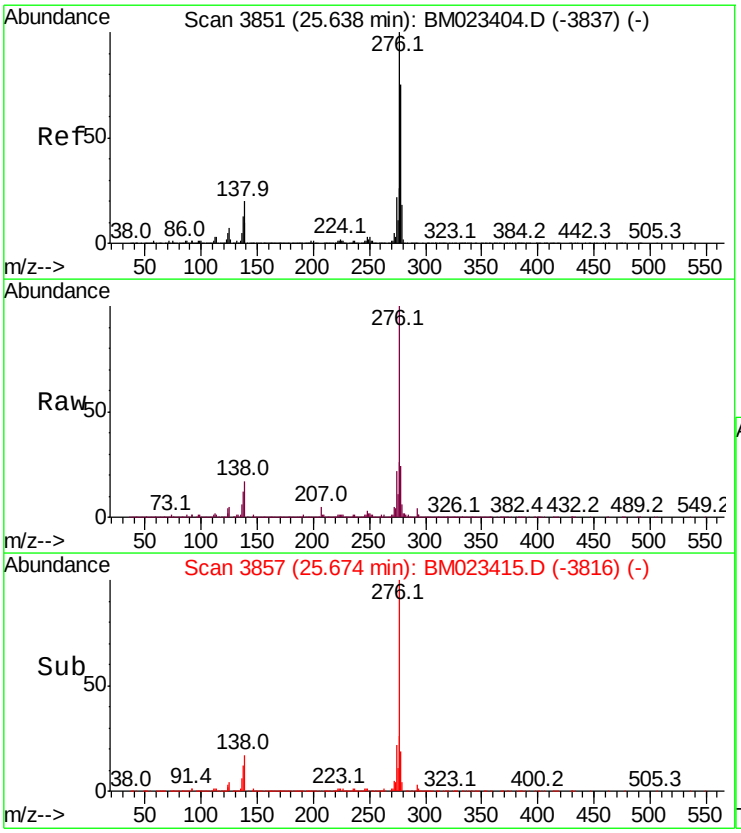
#91
Benzo(a)pyrene
Concen: 29.021 ng/ul
RT: 23.35 min Scan# 3462
Delta R.T. 0.02 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3763615

Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.7	26.5#
125	12.4	7.5	11.3#

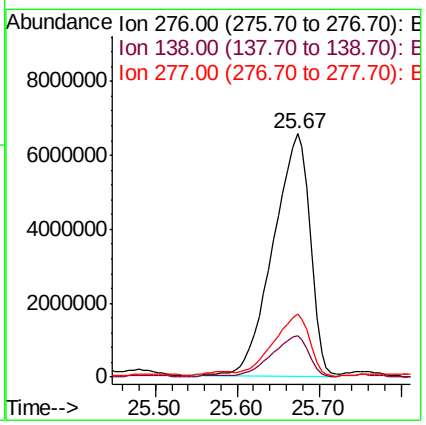


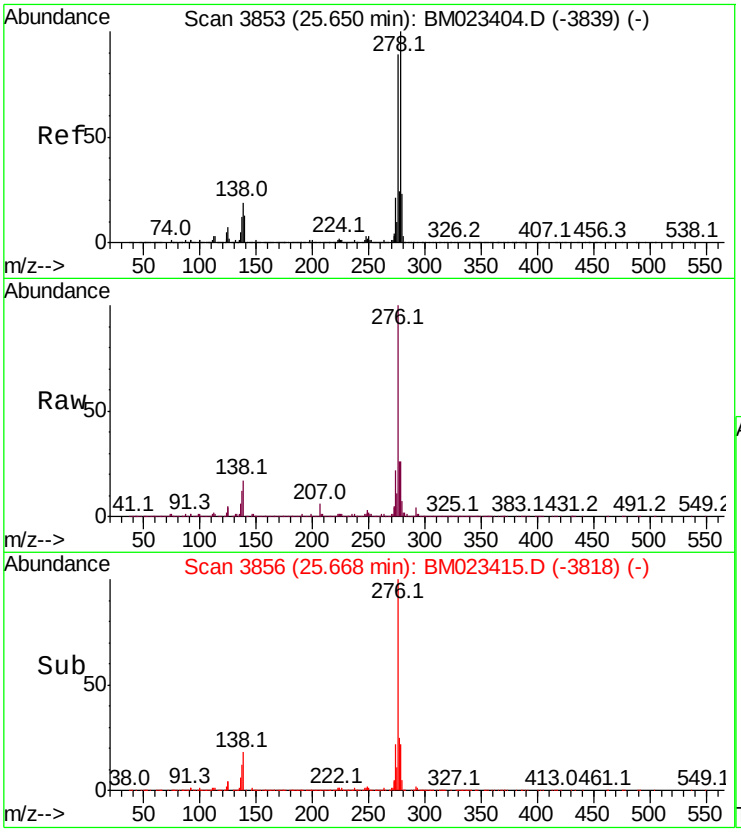


#92
Indeno(1,2,3-cd)pyrene
Concen: 146.845 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.04 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:276 Resp:20620150

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.7	23.5
277	25.7	20.2	30.2



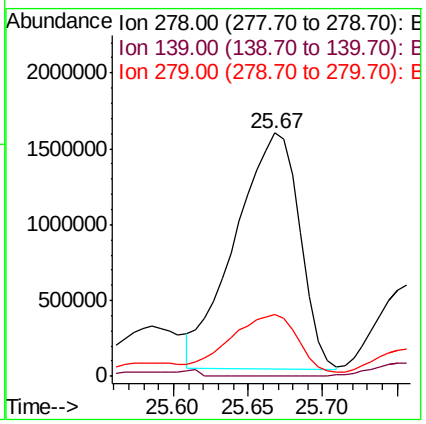


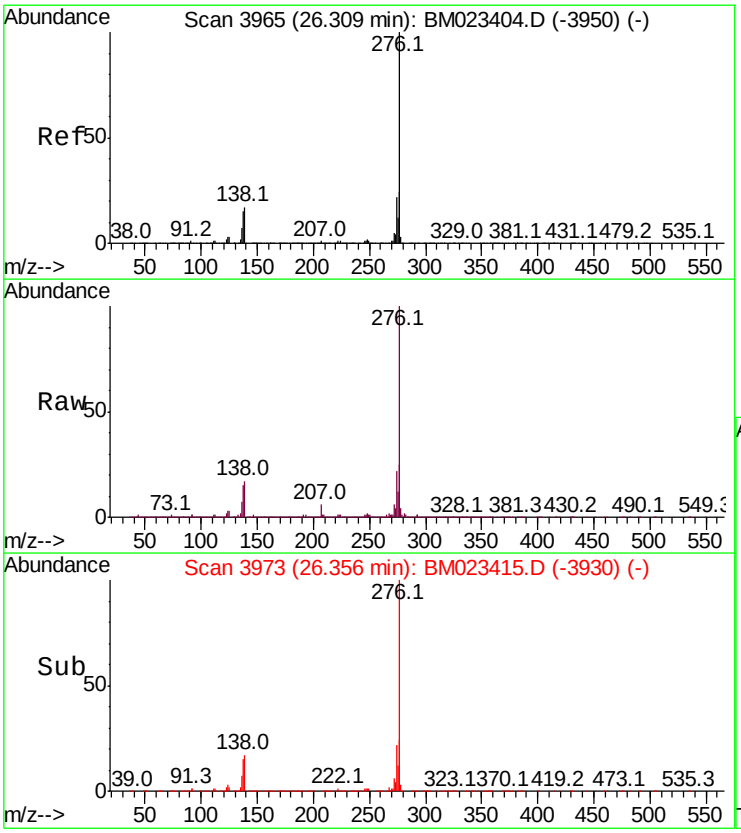
#93
Dibenzo(a,h)anthracene
Concen: 39.500 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.02 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 4676966

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	25.6	18.7	28.1





#94
Benzo(g,h,i)perylene
Concen: 164.878 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. 0.05 min
Lab File: BM023415.D
Acq: 28 Oct 2019 12:36

Tgt Ion:276 Resp:18836765

Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.4	21.6
277	25.0	19.0	28.6