Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\

Quantitation Report (Not Reviewed)

Data File : BM023712.D
Acq On : 14 Nov 2019 00:19
Operator : JU
Sample : K5678-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA1

Quant Time: Nov 14 03:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	429892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1973631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1334313	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2777073	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2075141	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2107249	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	24954	2.39	ng/uL	0.00
5) Phenol-d5	6.73	99	747576	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	420616	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	584739	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	598621	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	317449	22.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	353470	23.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	706143	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	348298	9.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2193546	21.08	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2626473	22.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	151409	8.52	ng/ul	0.00
58) Fluorene-d10	15.20	176	1955796	21.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	217655	13.55	ng/ul	0.00
71) Anthracene-d10	17.05	188	2915742	22.13	ng/ul	0.00
79) Pyrene-d10	19.35	212	2911984	26.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	2425227	21.87	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.36	105	69144	1.418	ng/ul	95
28) Naphthalene	10.36	128	2343391	22.590	ng/ul	100
34) 2-Methylnaphthalene	11.99	142	1505473	18.972	ng/ul	99
35) 1-Methylnaphthalene	12.21	142	715868	9.147	ng/ul	99
41) 1,1'-Biphenyl	13.02	154	618088	6.005	ng/ul	99
45) Dimethylphthalate	13.66	163	224217	2.199	ng/ul	99
50) Acenaphthene	14.26	153	1371696	16.169	ng/ul	99
54) Dibenzofuran	14.60	168	1514069	12.056	ng/ul	97
59) Fluorene	15.25	166	881652	8.653	ng/ul	98
70) Phenanthrene	16.99	178	3075894	20.108	ng/ul	100
72) Anthracene	17.08	178	1044722	6.792	ng/ul	98
75) Carbazole	17.35	167	342126	2.668	ng/ul	97
77) Fluoranthene	19.02	202	2134657	13.025	ng/ul	99
80) Pyrene	19.38	202	1547078	11.534	ng/ul	98
81) Butylbenzylphthalate	20.30	149	57747	1.359	ng/ul#	78
83) Benzo(a)anthracene	21.13	228	594946	4.347	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.09	149	1695770	26.438	ng/ul	100
85) Chrysene	21.13	228	599975	4.656	ng/ul	95
88) Benzo(b)fluoranthene	22.67	252	587111	4.371	ng/ul#	76
89) Benzo(k)fluoranthene	22.67	252	587111	4.537	ng/ul#	75
91) Benzo(a)pyrene	23.22	252	404741	3.291	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.47	276	234089	1.780	ng/ul	97
94) Benzo(g,h,i)perylene	26.12	276	218876	2.054	ng/ul#	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\

Quantitation Report (Not Reviewed)

Data File : BM023712.D
Acq On : 14 Nov 2019 00:19
Operator : JU
Sample : K5678-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA1

Quant Time: Nov 14 03:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

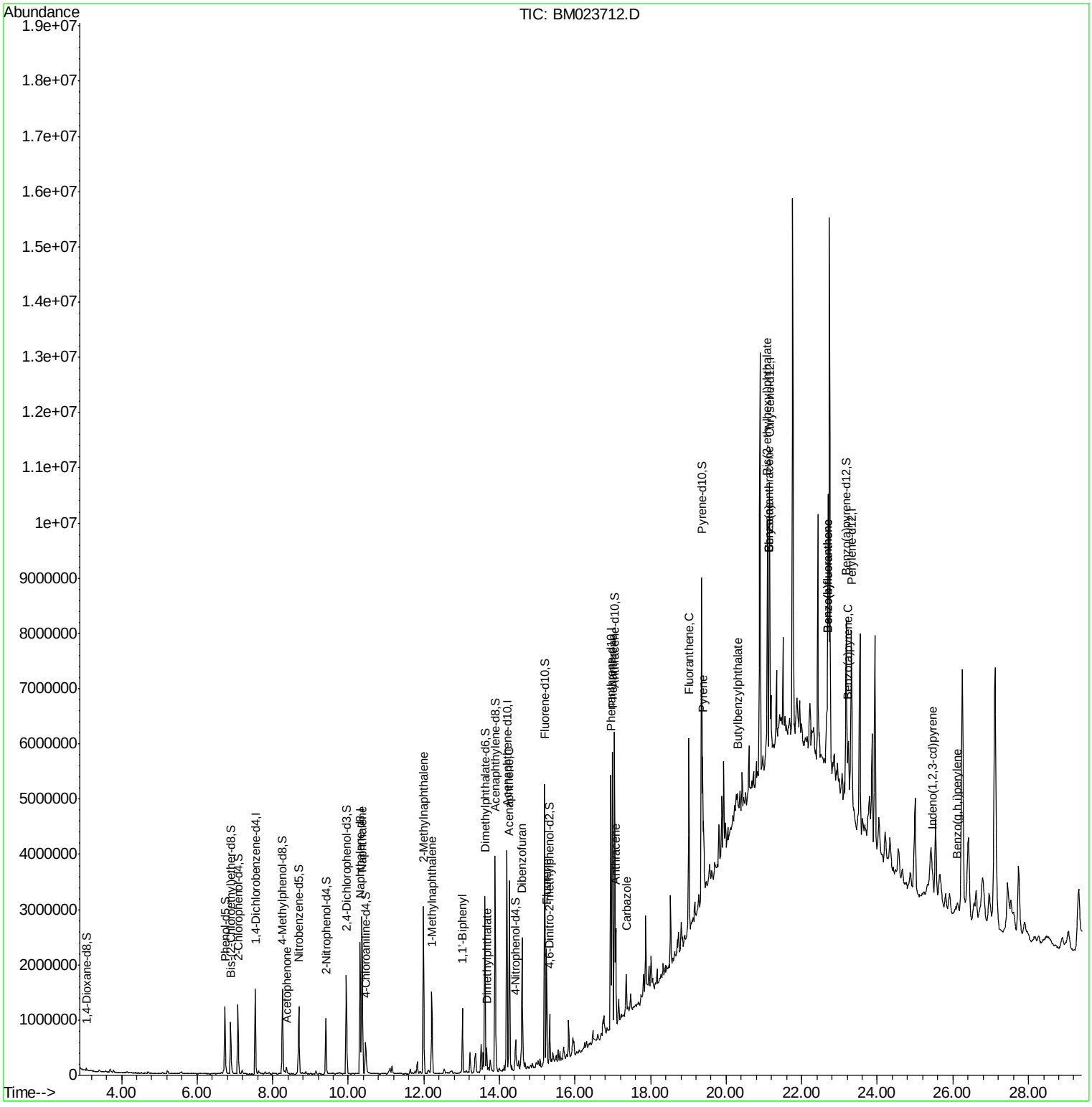
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\

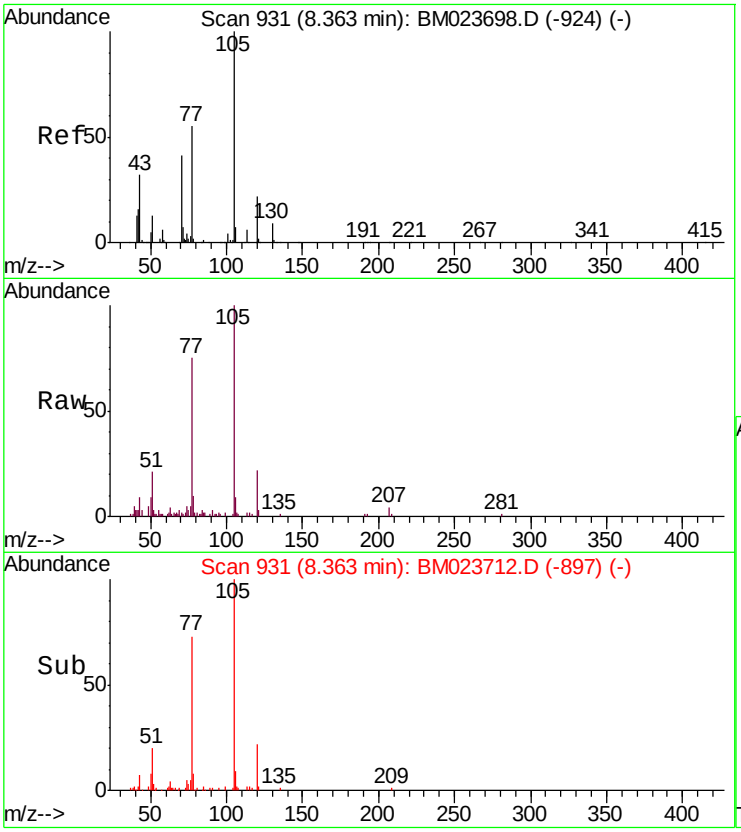
Quantitation Report (Not Reviewed)

Data File : BM023712.D
Acq On : 14 Nov 2019 00:19
Operator : JU
Sample : K5678-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA1

Quant Time: Nov 14 03:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration



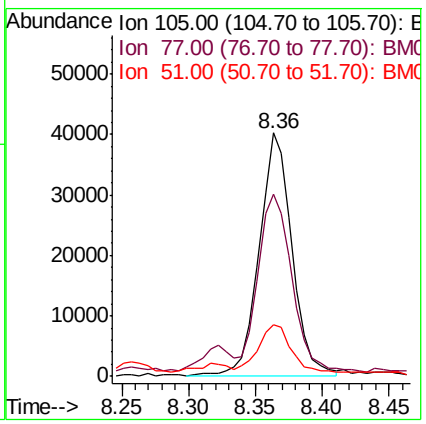


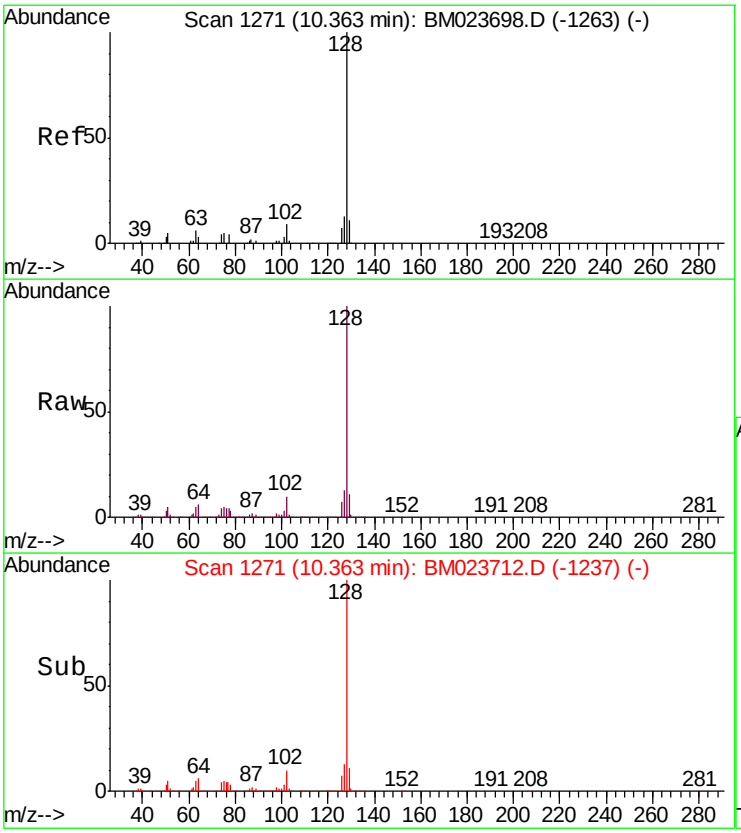
#14
Acetophenone
Concen: 1.418 ng/ul
RT: 8.36 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:105 Resp: 69144

Ion	Ratio	Lower	Upper
105	100		
77	74.6	63.8	95.6
51	21.4	16.3	24.5

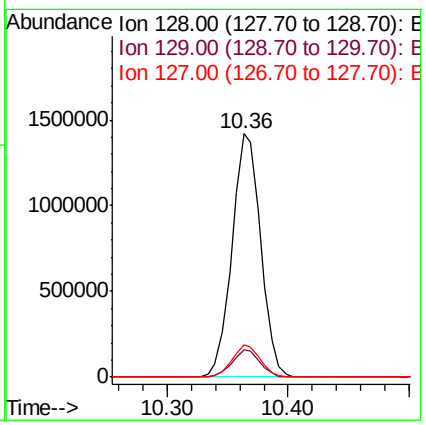


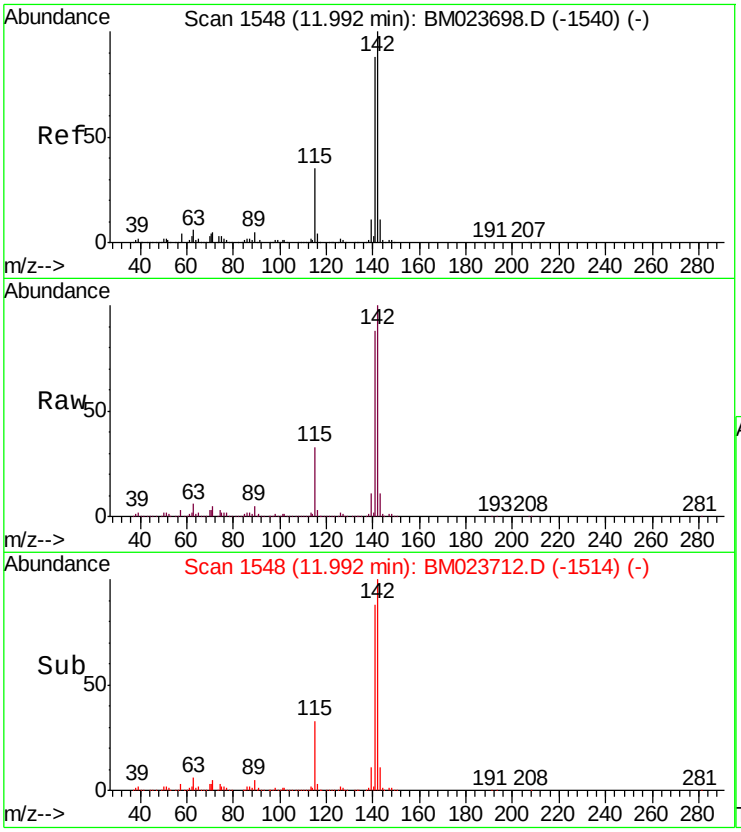


#28
Naphthalene
Concen: 22.590 ng/ul
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:128 Resp: 2343391

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.6	16.0



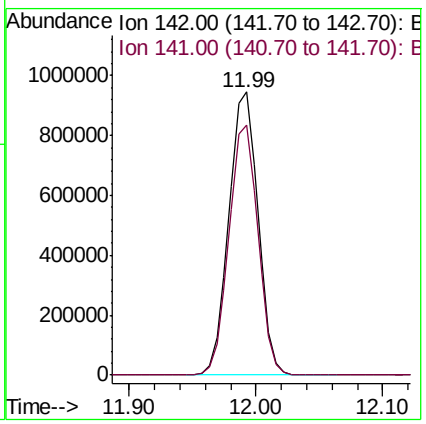


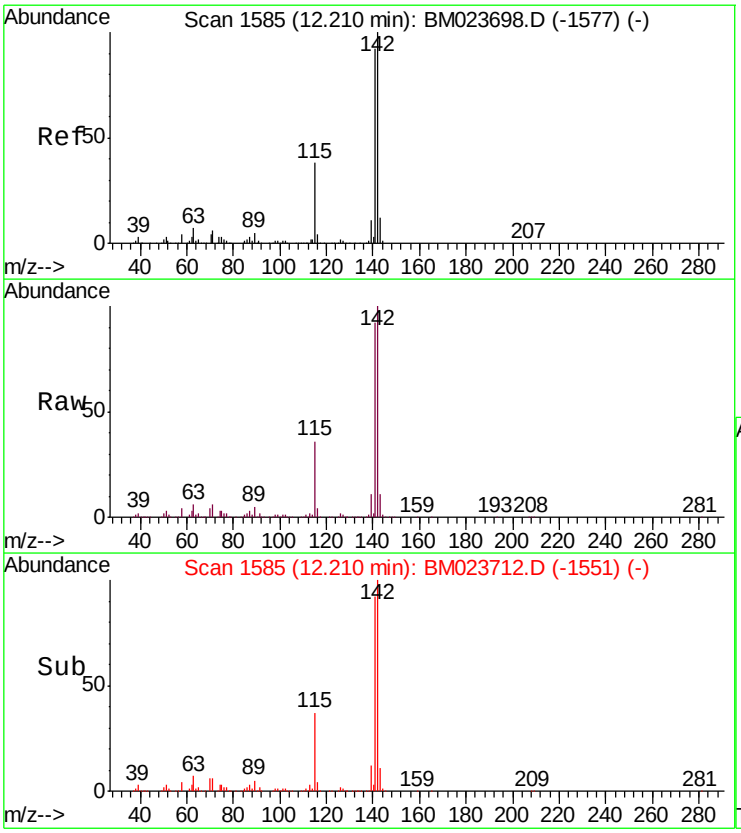
#34
2-Methylnaphthalene
Concen: 18.972 ng/ul
RT: 11.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:142 Resp: 1505473

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.8

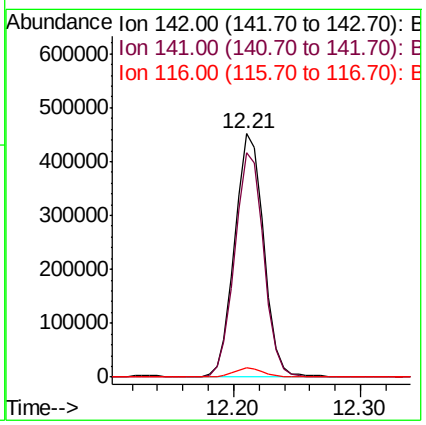


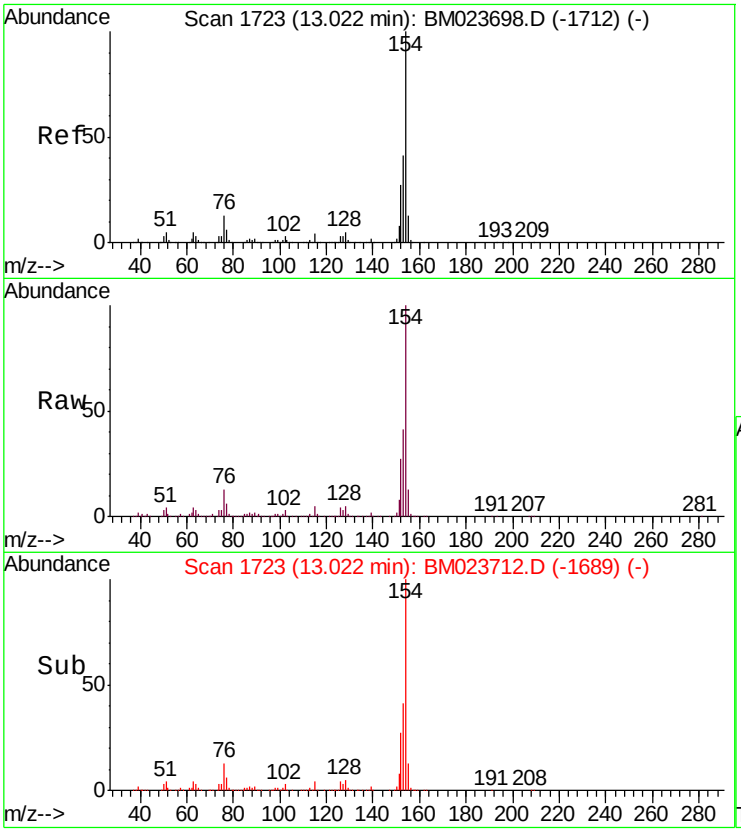


#35
1-Methylnaphthalene
Concen: 9.147 ng/ul
RT: 12.21 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:142 Resp: 715868

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.6	112.0
116	4.1	3.2	4.8



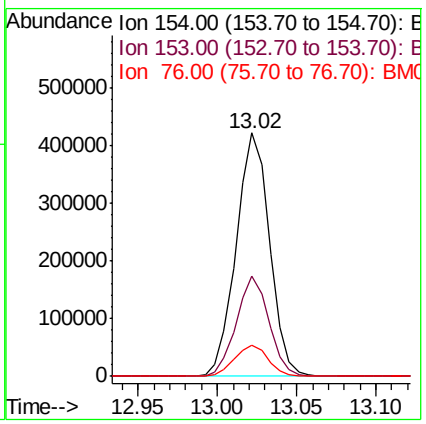


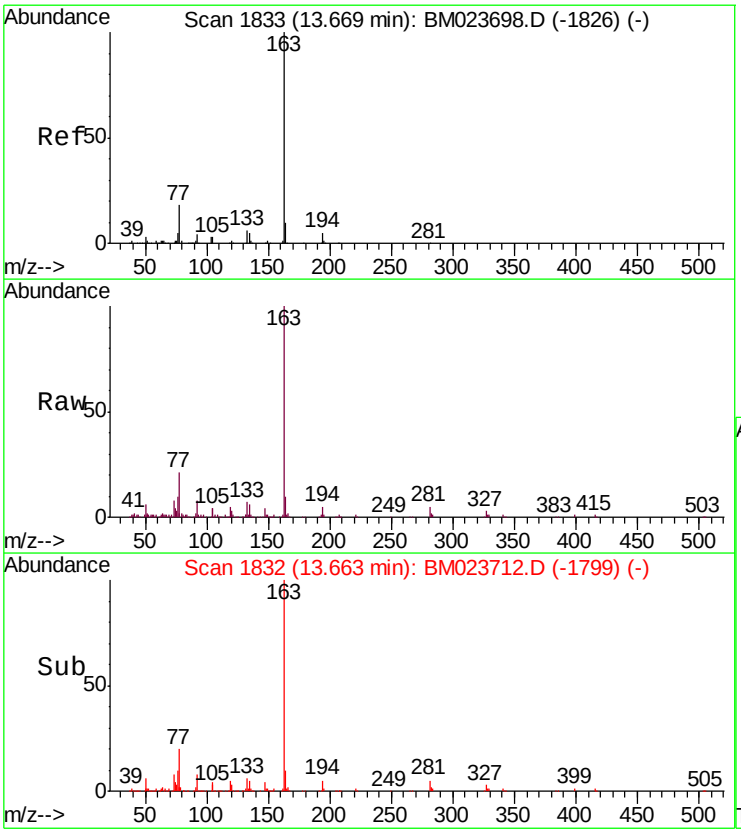
#41
1,1'-Biphenyl
Concen: 6.005 ng/ul
RT: 13.02 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:154 Resp: 618088

Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.3	48.5
76	12.6	10.6	15.8

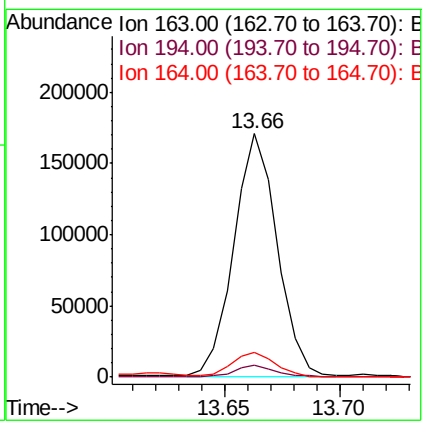


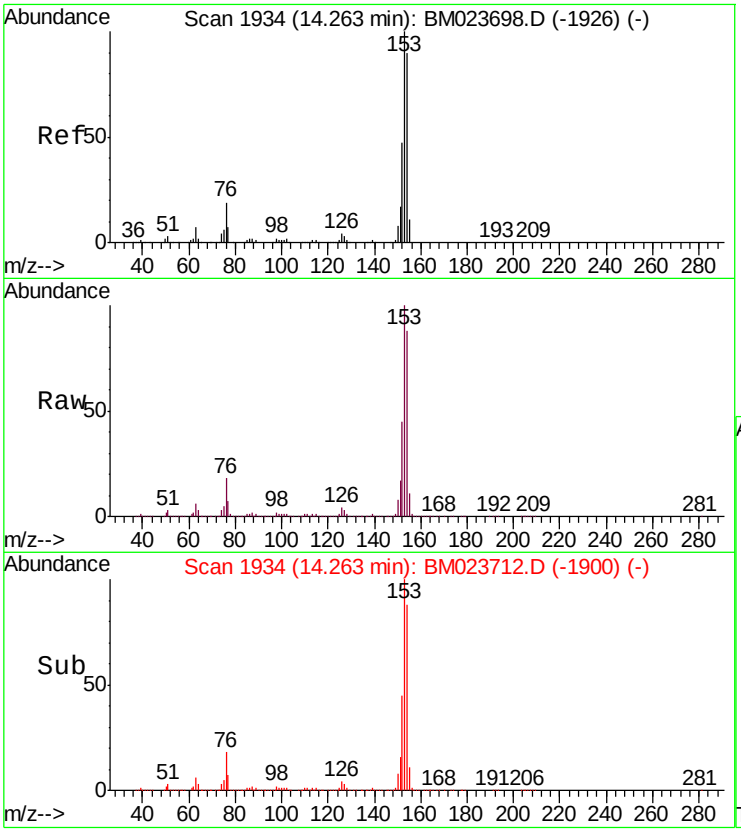


#45
Dimethylphthalate
Concen: 2.199 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:163 Resp: 224217

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.2	8.0	12.0



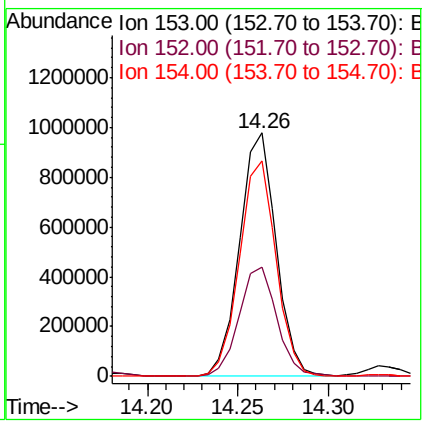


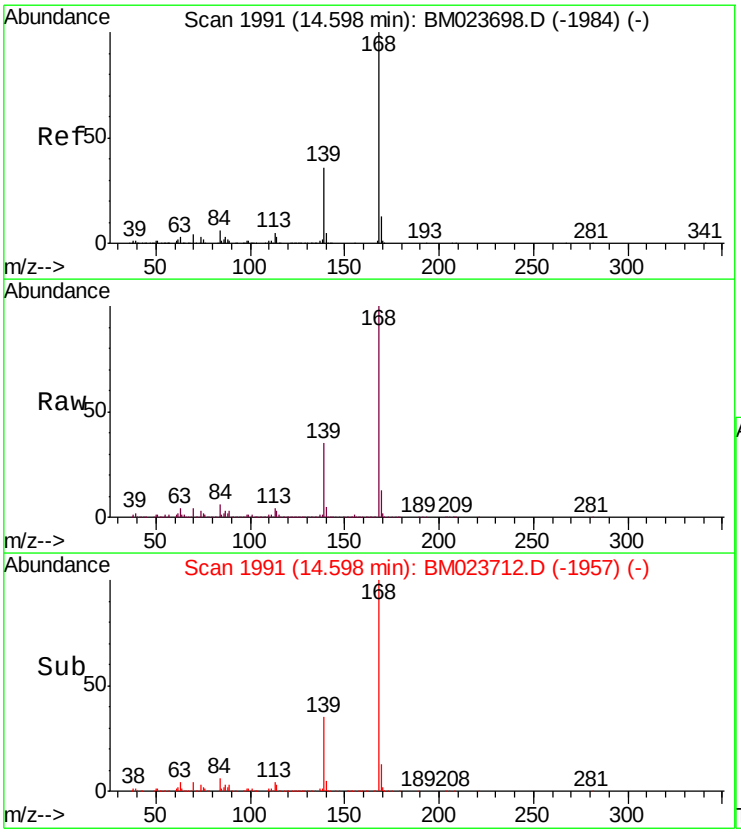
#50
Acenaphthene
Concen: 16.169 ng/ul
RT: 14.26 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:153 Resp: 1371696

Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.7	56.5
154	88.5	70.6	106.0

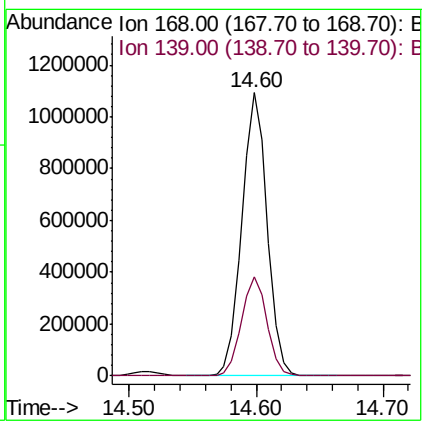


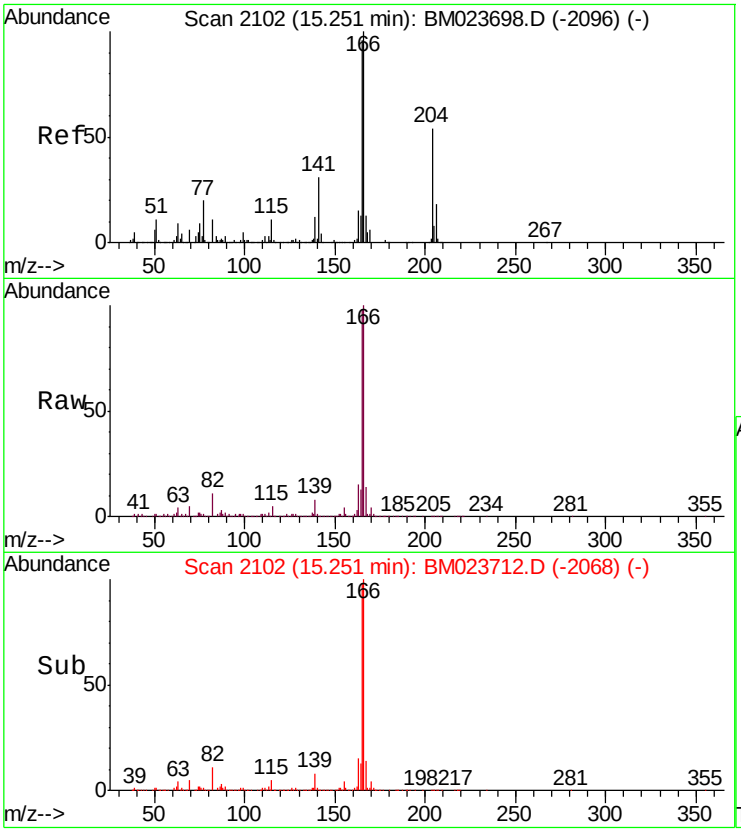


#54
Dibenzofuran
Concen: 12.056 ng/ul
RT: 14.60 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:168 Resp: 1514069

Ion	Ratio	Lower	Upper
168	100		
139	35.1	29.3	43.9



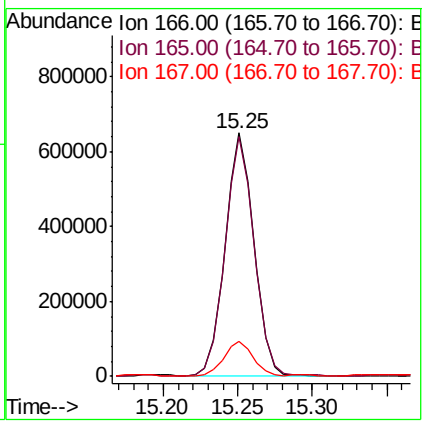


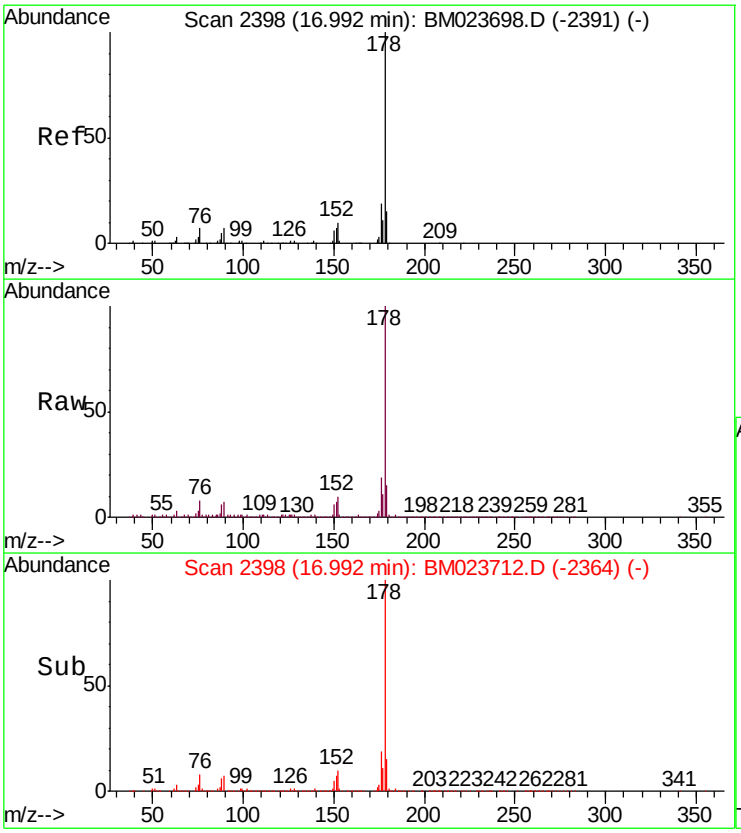
#59
Fluorene
Concen: 8.653 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:166 Resp: 881652

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.2	115.8
167	14.1	10.9	16.3

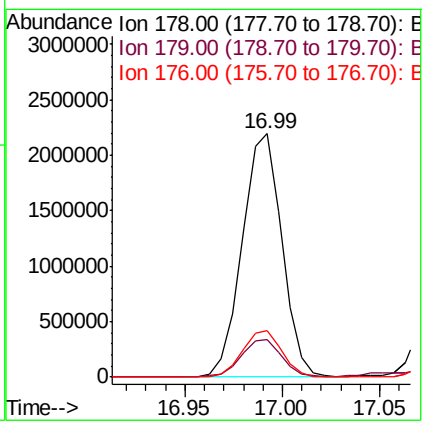


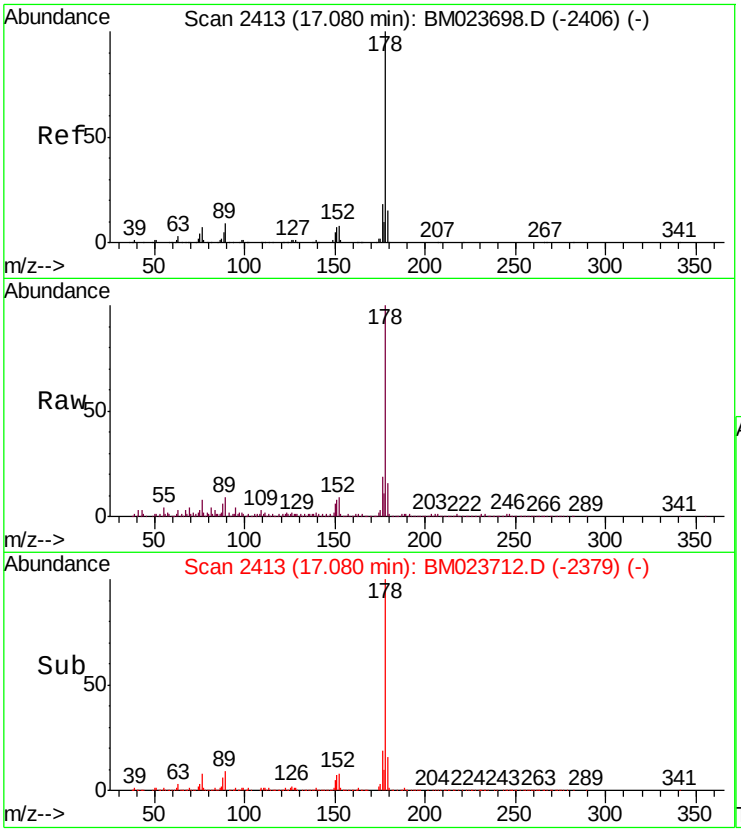


#70
Phenanthrene
Concen: 20.108 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:178 Resp: 3075894

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.0	15.0	22.6



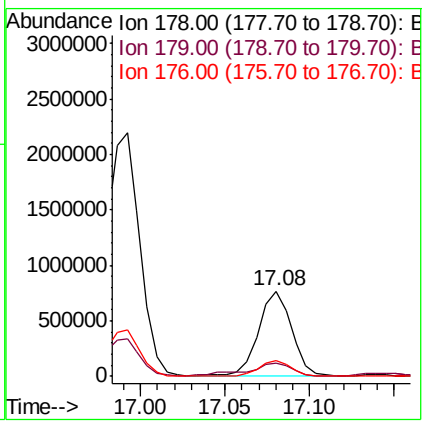


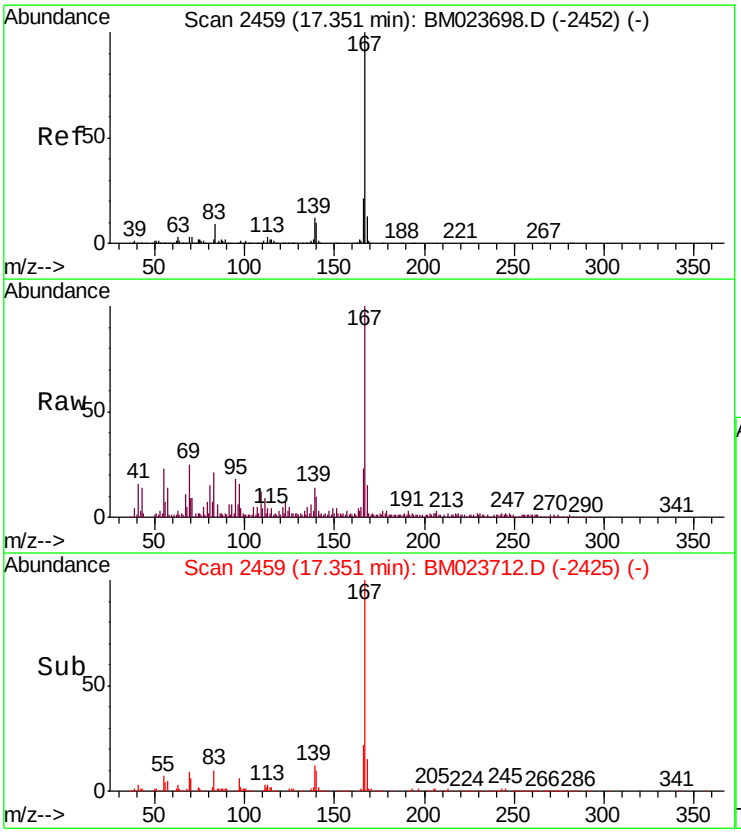
#72
Anthracene
Concen: 6.792 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:178 Resp: 1044722

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.9	14.7	22.1

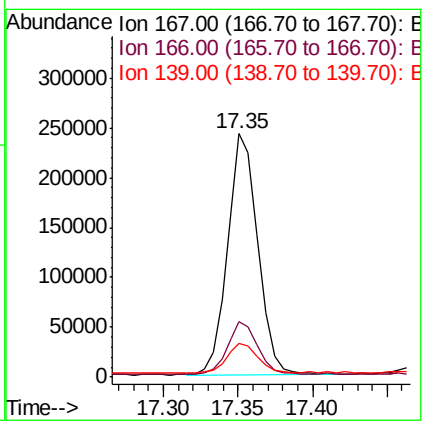


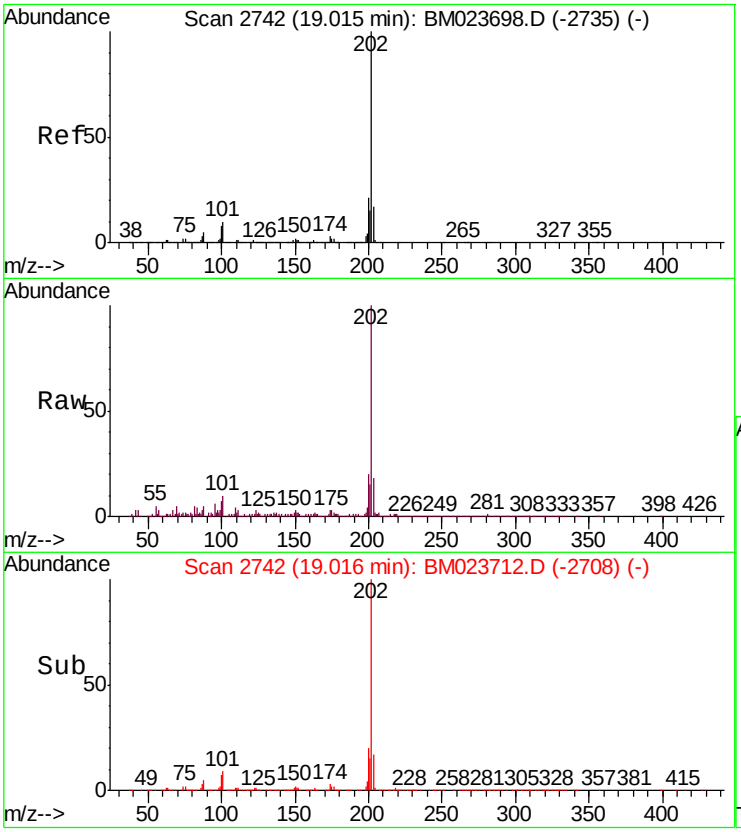


#75
Carbazole
Concen: 2.668 ng/ul
RT: 17.35 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:167 Resp: 342126

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	14.1	9.8	14.6



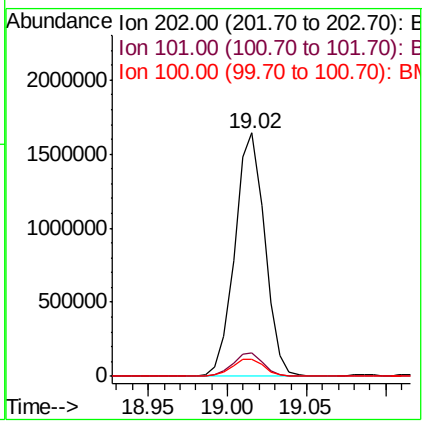


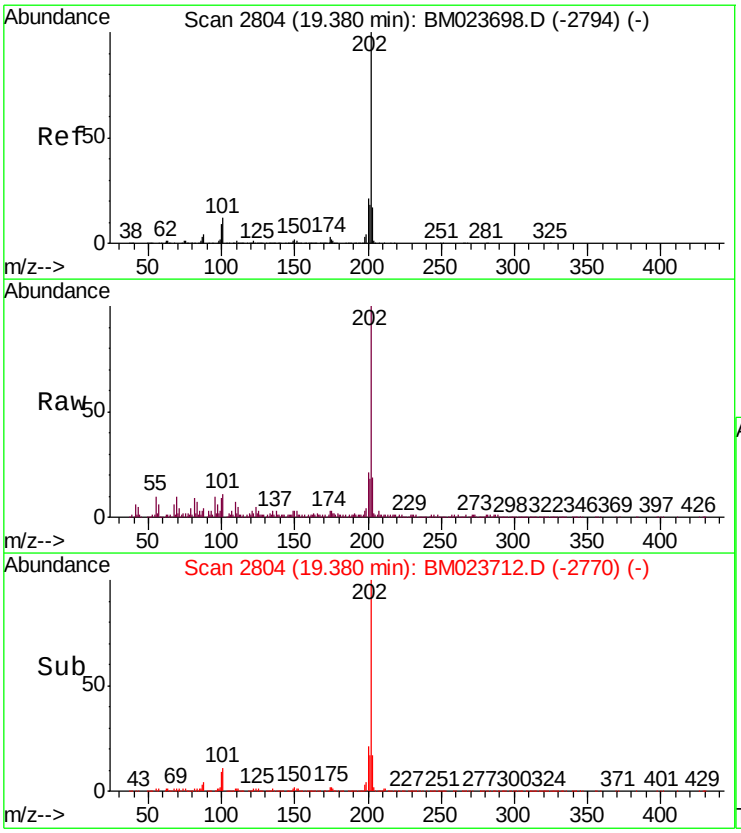
#77
Fluoranthene
Concen: 13.025 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:202 Resp: 2134657

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
100	7.2	6.0	9.0

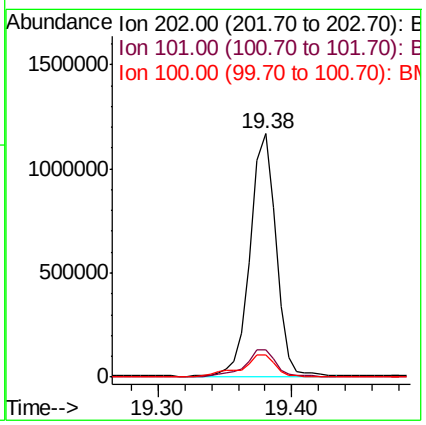


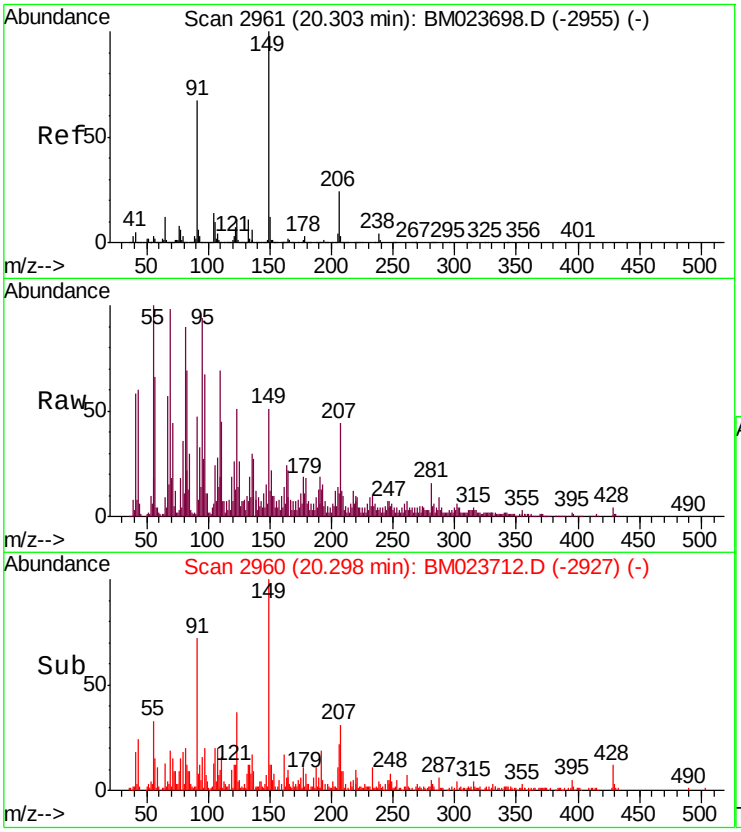


#80
Pyrene
Concen: 11.534 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:202 Resp: 1547078

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.6
100	9.2	8.1	12.1



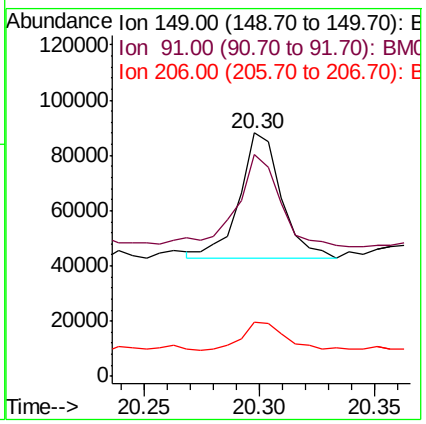


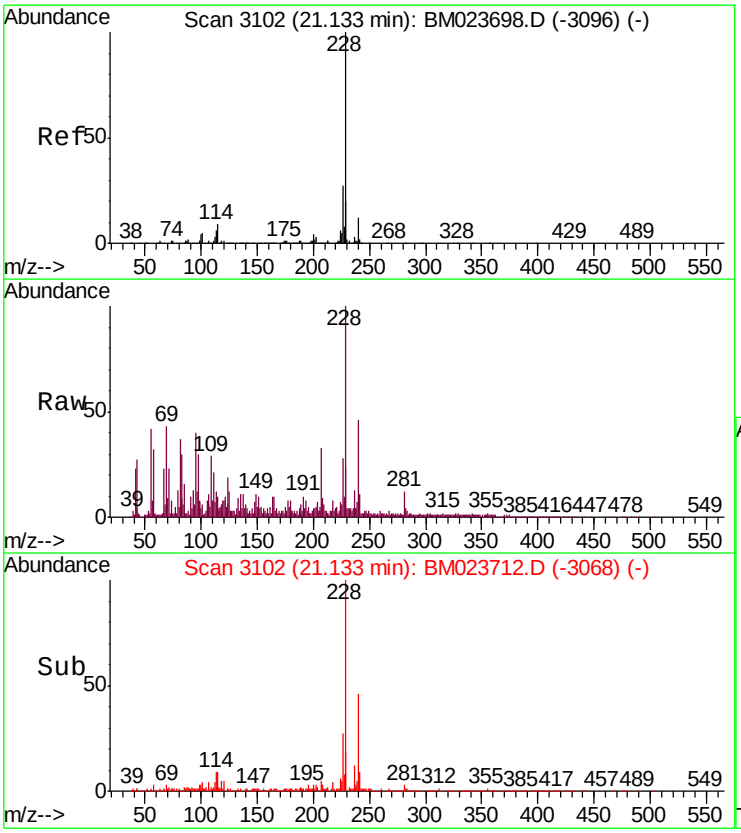
#81
Butylbenzylphthalate
Concen: 1.359 ng/ul
RT: 20.30 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:149 Resp: 57747

Ion	Ratio	Lower	Upper
149	100		
91	91.2	54.9	82.3#
206	22.0	19.3	28.9

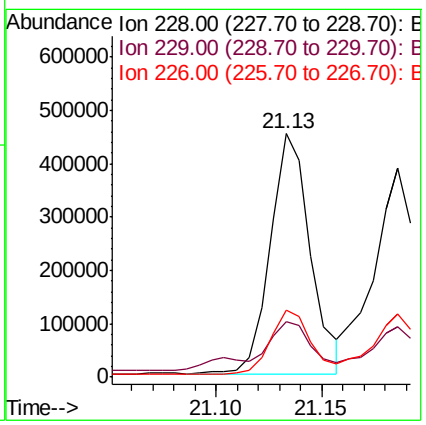


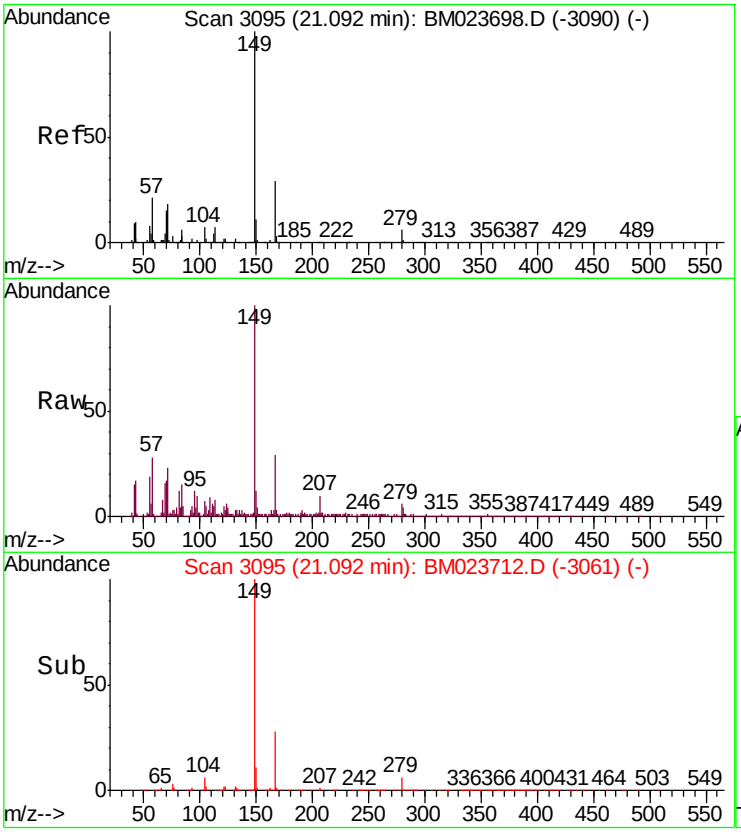


#83
Benzo(a)anthracene
Concen: 4.347 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:228 Resp: 594946

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.6	23.4
226	27.7	21.4	32.2



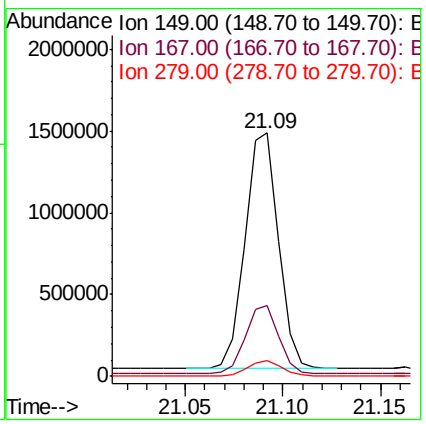


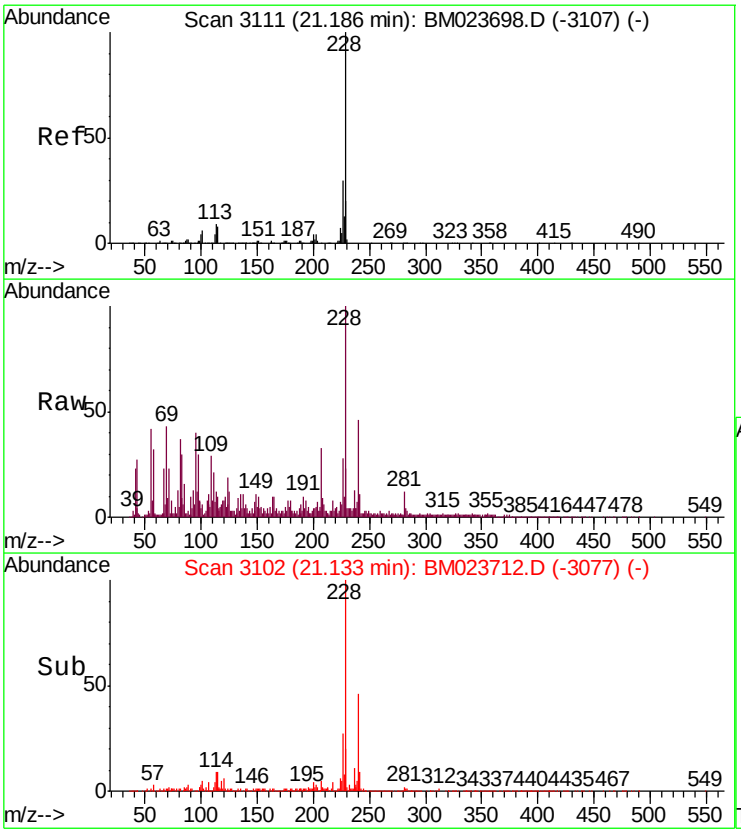
#84
Bis(2-ethylhexyl)phthalate
Concen: 26.438 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:149 Resp: 1695770

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.2
279	6.5	5.0	7.4

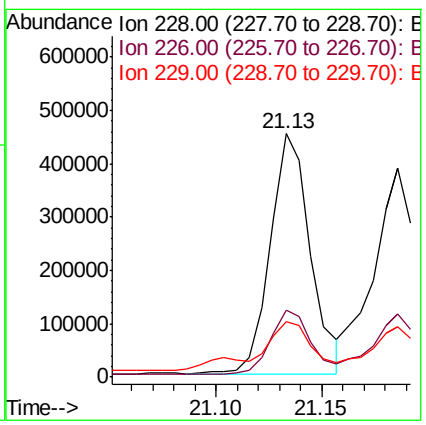


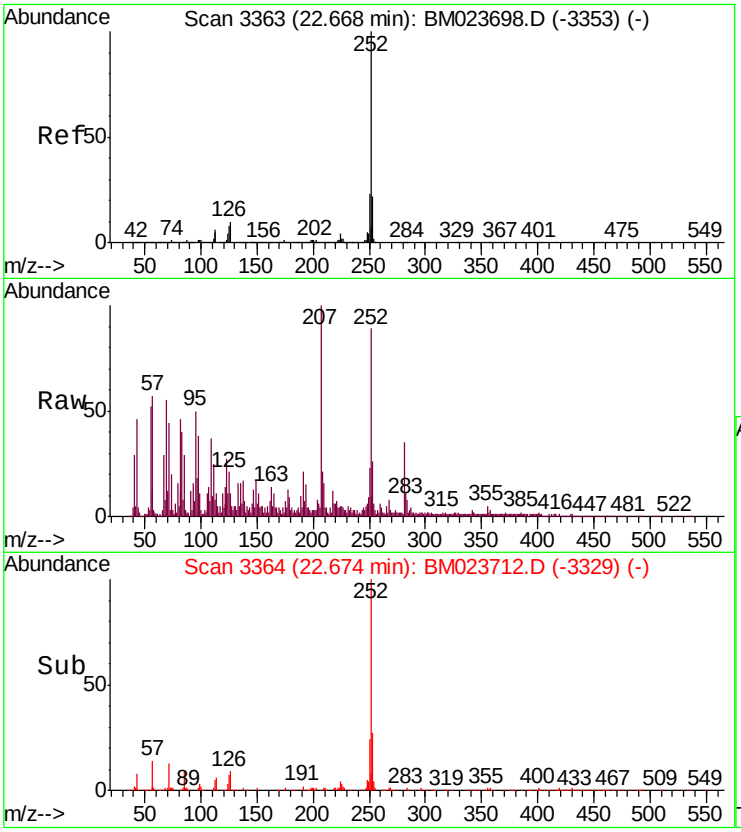


#85
Chrysene
Concen: 4.656 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.05 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:228 Resp: 599975

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.8	35.8
229	22.9	15.8	23.6



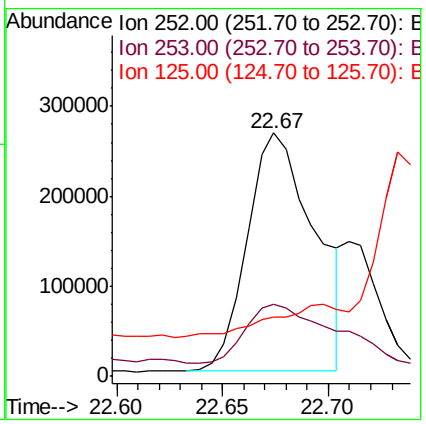


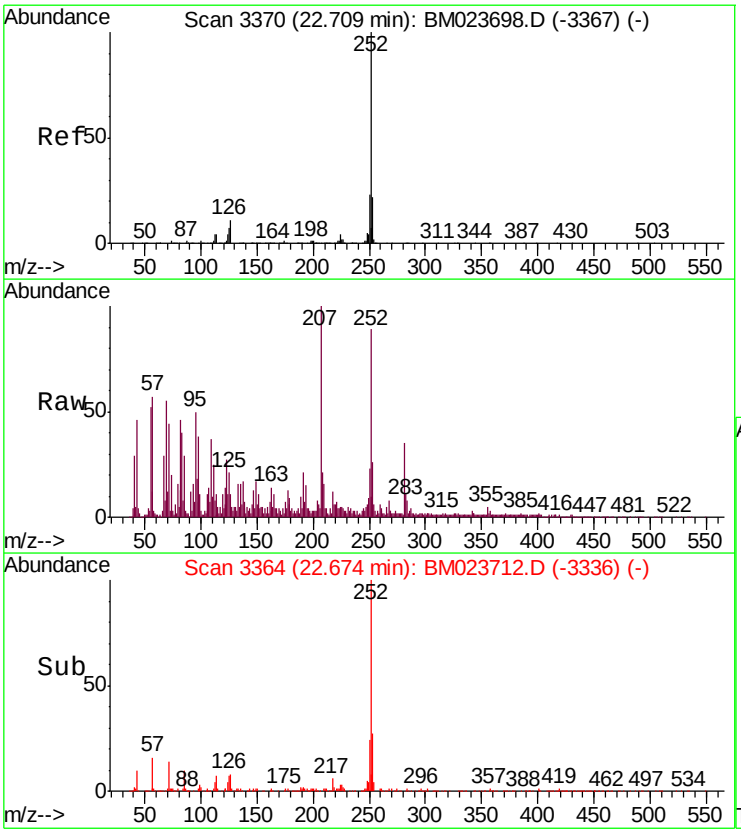
#88
Benzo(b)fluoranthene
Concen: 4.371 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:252 Resp: 587111

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.8	26.8#
125	24.2	6.5	9.7#

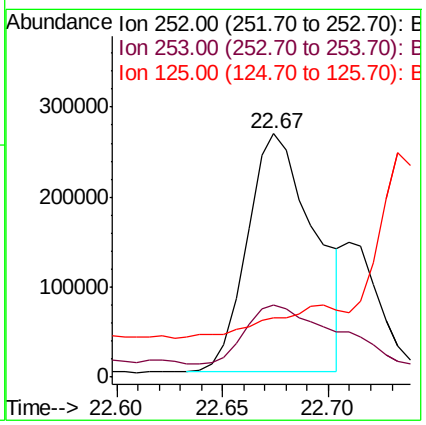


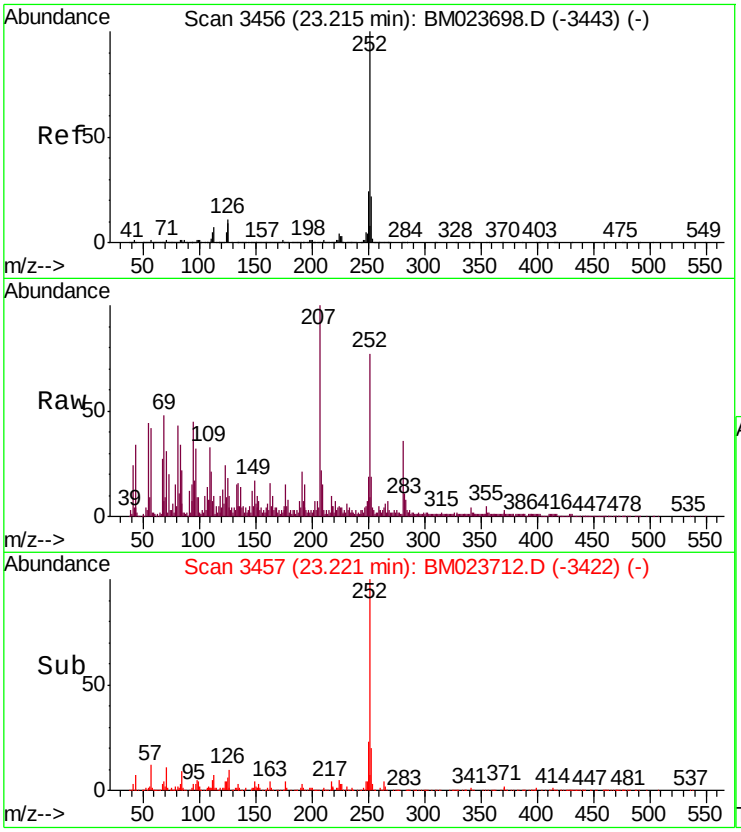


#89
Benzo(k)fluoranthene
Concen: 4.537 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. -0.03 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:252 Resp: 587111

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.2	25.8#
125	24.2	5.9	8.9#



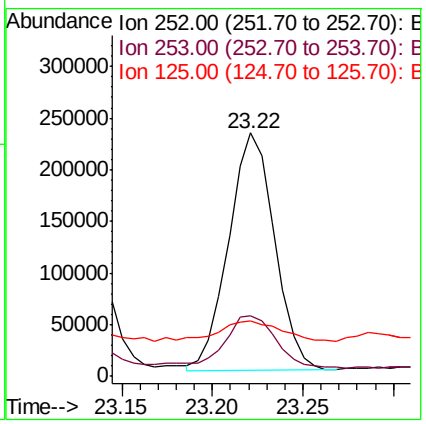


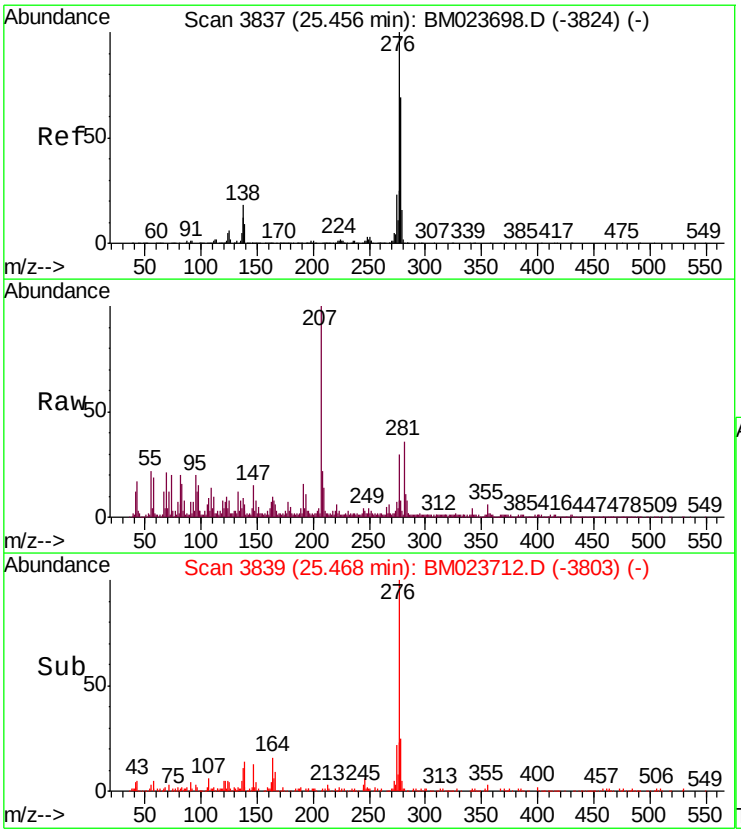
#91
Benzo(a)pyrene
Concen: 3.291 ng/ul
RT: 23.22 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:252 Resp: 404741

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	22.8	6.9	10.3#

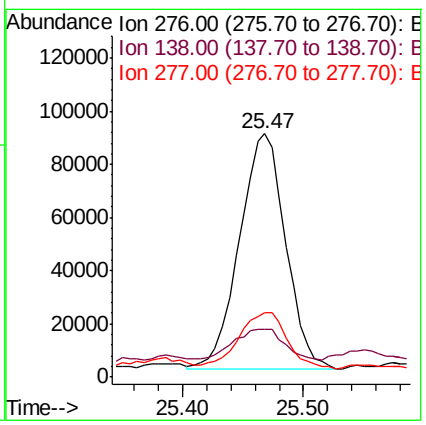


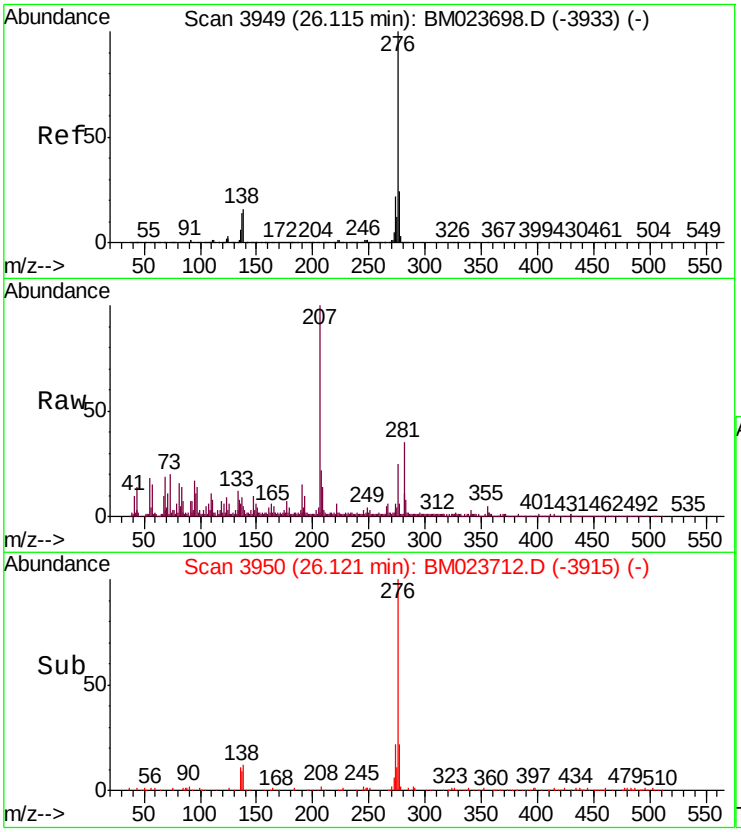


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.780 ng/ul
RT: 25.47 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Tgt Ion:276 Resp: 234089

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.0	22.4
277	26.5	20.0	30.0





#94
Benzo(g,h,i)perylene
Concen: 2.054 ng/ul
RT: 26.12 min Scan# 3950
Delta R.T. 0.01 min
Lab File: BM023712.D
Acq: 14 Nov 2019 00:19

Instrument :
BNA_M
ClientSampleId :
JLMA1

Tgt Ion:276 Resp: 218876

Ion	Ratio	Lower	Upper
276	100		
138	20.8	13.2	19.8#
277	26.3	18.6	28.0