Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022820.D
Acq On : 30 Sep 2019 12:02
Operator : JU
Sample : K4958-12MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 30 23:37:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	269385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1188026	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	763495	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1596318	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1469666	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1306153	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	16288	2.61	ng/uL	0.00
5) Phenol-d5	6.97	99	323395	13.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	199359	15.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	284976	14.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	239803	12.31	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	140836	15.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	148976	14.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	288001	14.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	378475	15.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	956931	16.15	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1100556	16.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	140337	11.99	ng/ul	0.00
58) Fluorene-d10	15.43	176	838222	16.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	95497	9.19	ng/ul	0.00
71) Anthracene-d10	17.28	188	1272766	16.33	ng/ul	0.00
79) Pyrene-d10	19.57	212	1524237	19.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1192095	17.64	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	378785	15.181	ng/ul	99
10) 2-Chlorophenol	7.37	128	284177	13.822	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	227203	14.849	ng/ul	99
33) 4-Chloro-3-methylphenol	11.87	107	295236	14.213	ng/ul	99
45) Dimethylphthalate	13.90	163	243403	3.999	ng/ul	100
50) Acenaphthene	14.51	153	804847	15.643	ng/ul	100
53) 4-Nitrophenol	14.64	109	112981	13.204	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	269750	15.064	ng/ul	97
69) Pentachlorophenol	16.83	266	168246	12.078	ng/ul	98
70) Phenanthrene	17.22	178	144088	1.512	ng/ul	99
77) Fluoranthene	19.24	202	508083	4.742	ng/ul	100
80) Pyrene	19.60	202	2380427	22.849	ng/ul	98
83) Benzo(a)anthracene	21.34	228	176416	1.672	ng/ul	98
85) Chrysene	21.40	228	234096	2.406	ng/ul	98
88) Benzo(b)fluoranthene	22.94	252	308339	3.557	ng/ul	97
89) Benzo(k)fluoranthene	22.94	252	308339	3.718	ng/ul#	97
91) Benzo(a)pyrene	23.53	252	179891	2.212	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.93	276	145963	1.690	ng/ul	97
94) Benzo(g,h,i)perylene	26.63	276	151888	2.180	ng/ul	99

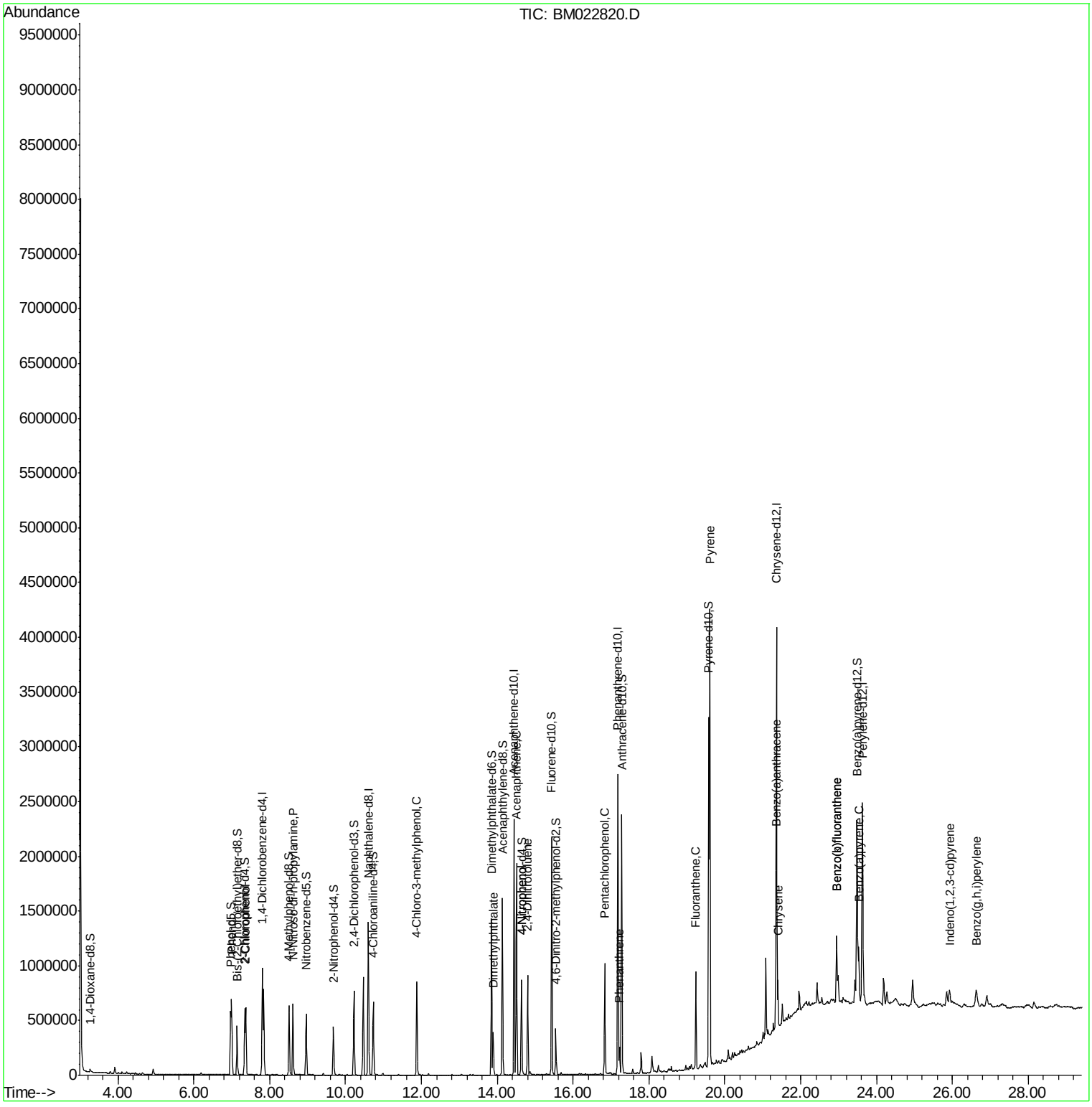
(#) = qualifier out of range (m) = manual integration (+) = signals summed

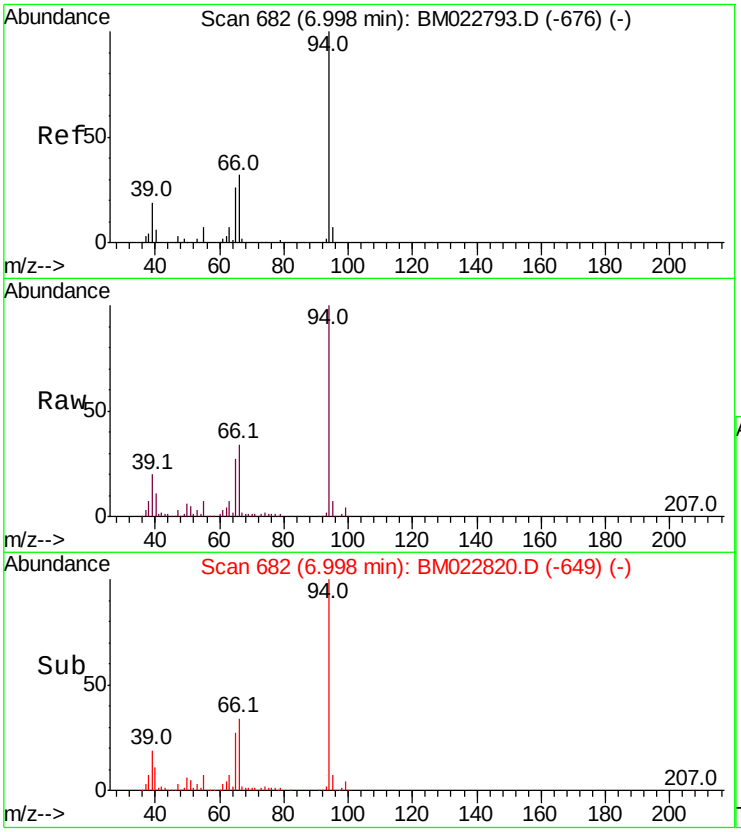
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022820.D
Acq On : 30 Sep 2019 12:02
Operator : JU
Sample : K4958-12MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 30 23:37:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration



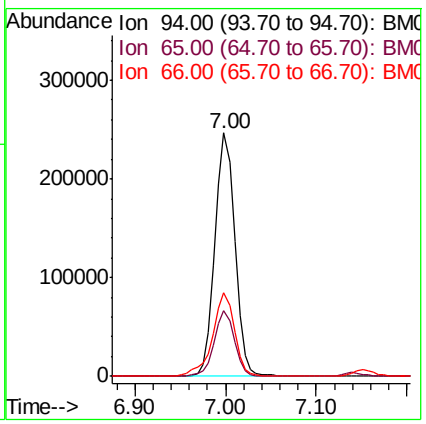


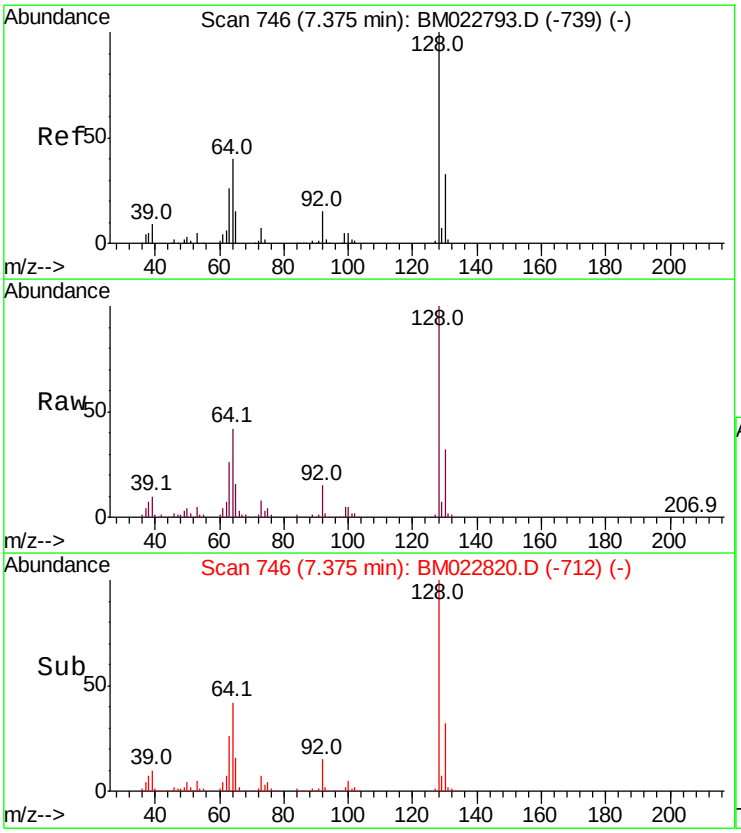
#6
Phenol
Concen: 15.181 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 378785

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	34.5	27.2	40.8

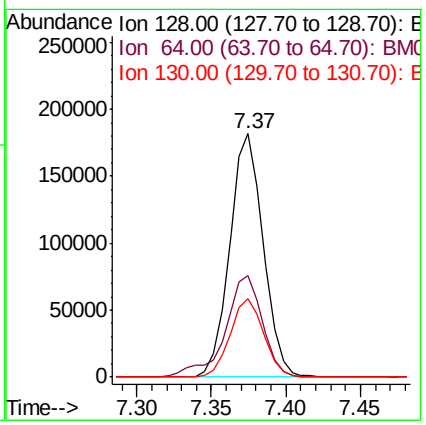


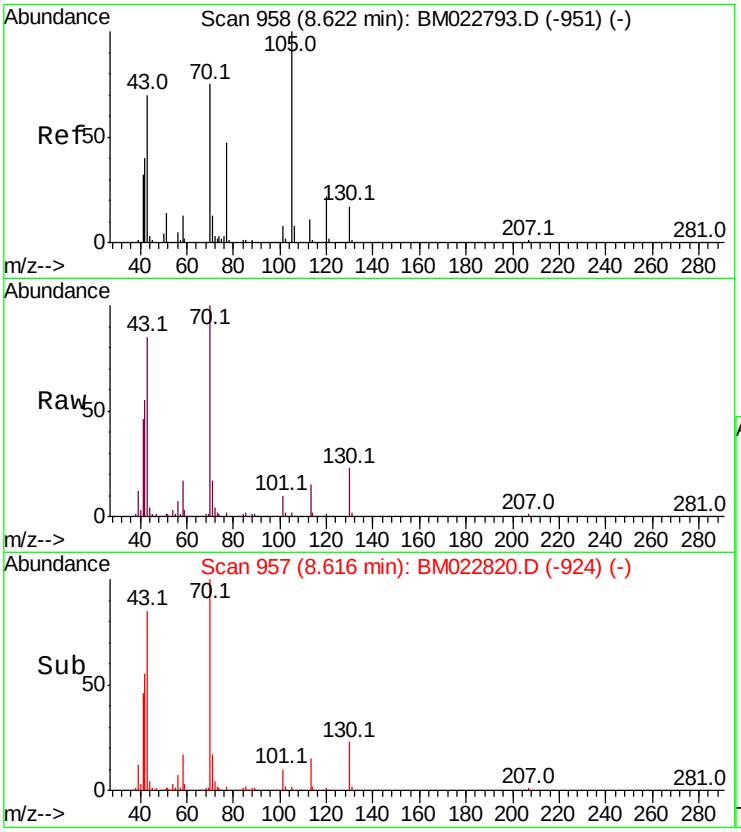


#10
2-Chlorophenol
Concen: 13.822 ng/ul
RT: 7.37 min Scan# 746
Delta R.T. -0.00 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:128 Resp: 284177

Ion	Ratio	Lower	Upper
128	100		
64	41.7	34.1	51.1
130	32.4	26.0	39.0



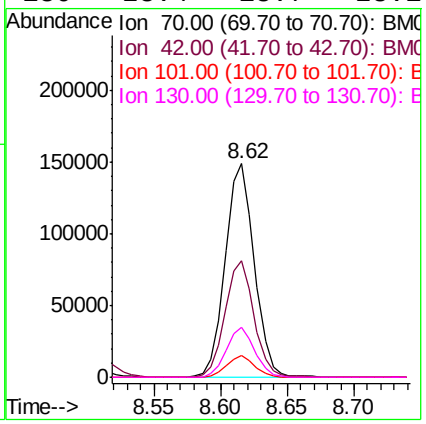


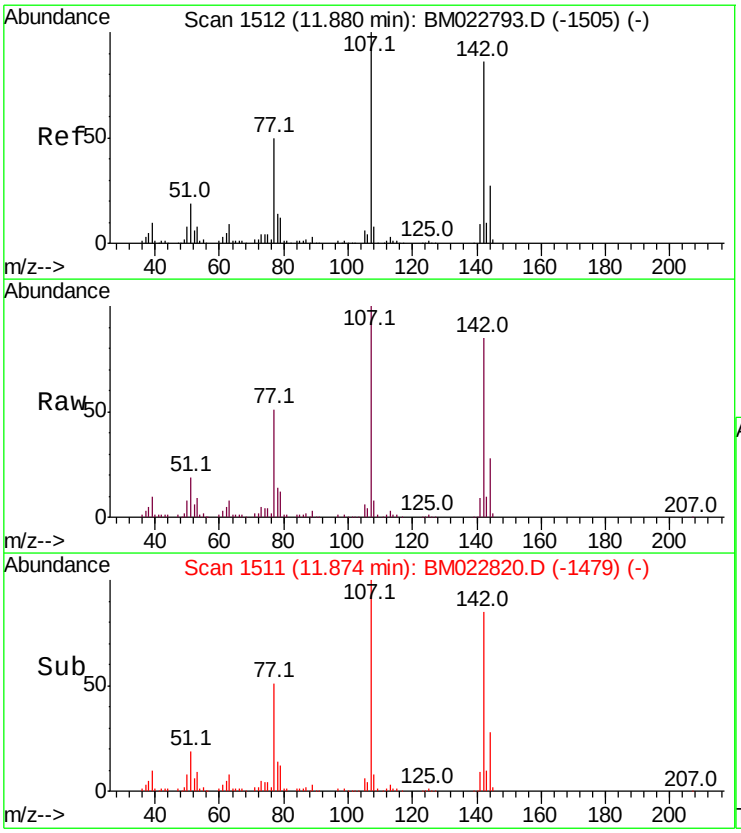
#15
N-Nitroso-di-n-propylamine
Concen: 14.849 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 227203

Ion	Ratio	Lower	Upper
70	100		
42	54.8	44.6	66.8
101	10.3	8.2	12.2
130	23.4	18.7	28.1

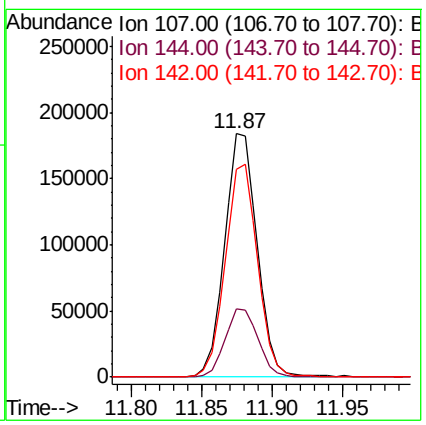


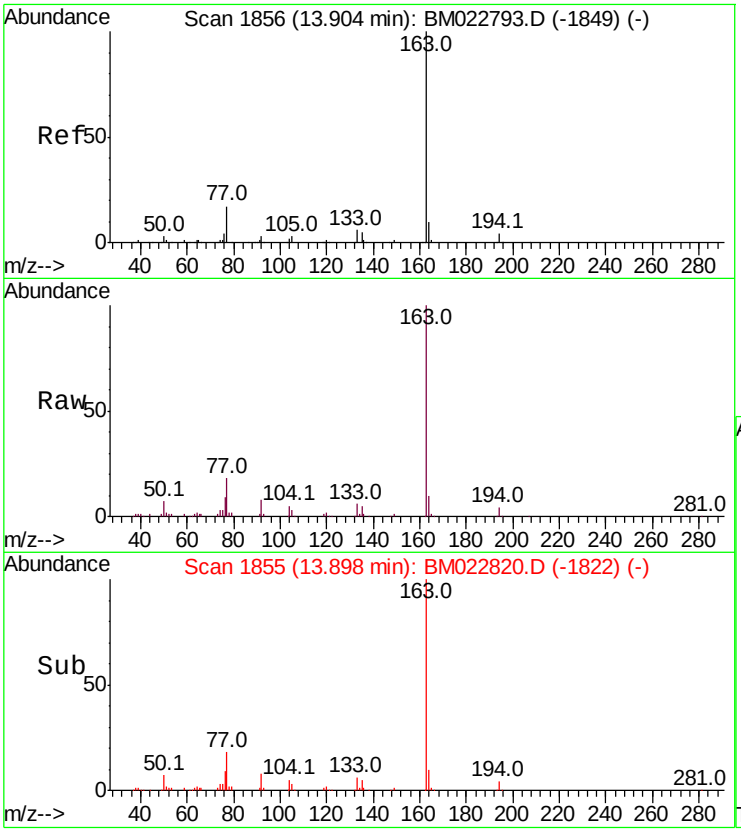


#33
4-Chloro-3-methylphenol
Concen: 14.213 ng/ul
RT: 11.87 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:107 Resp: 295236

Ion	Ratio	Lower	Upper
107	100		
144	27.9	22.5	33.7
142	85.3	68.9	103.3



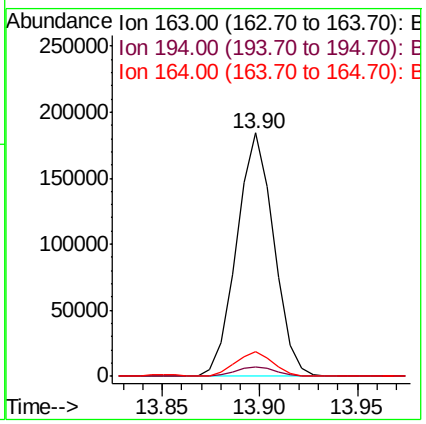


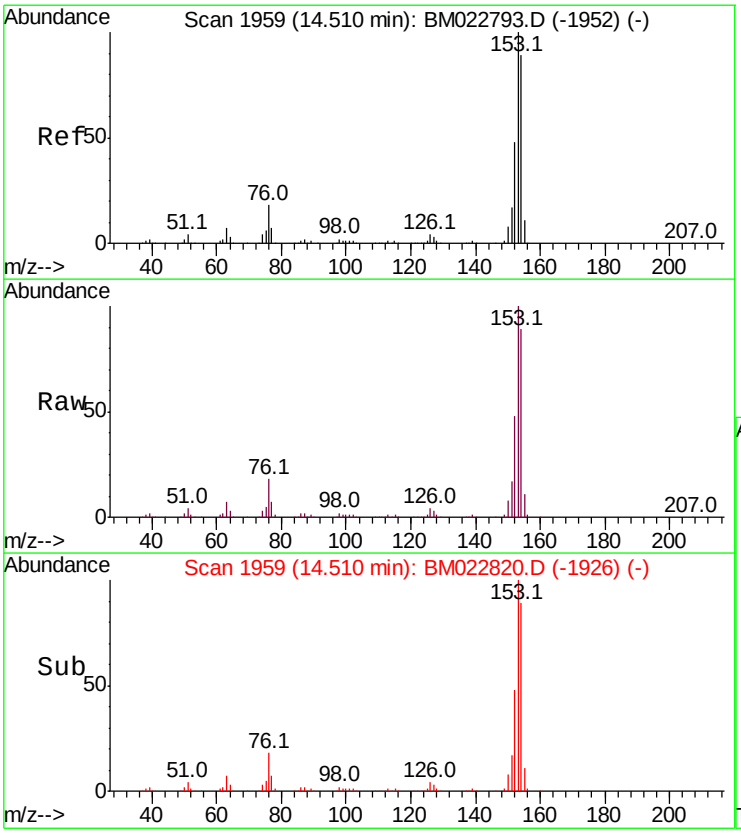
#45
Dimethylphthalate
Concen: 3.999 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 243403

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1

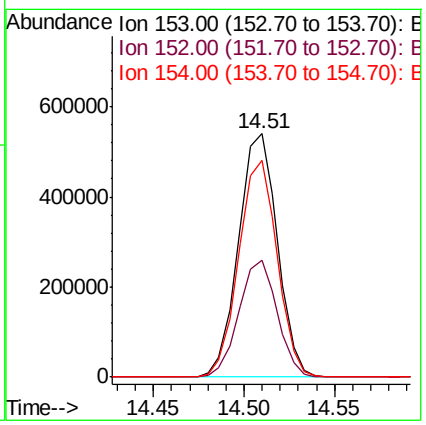


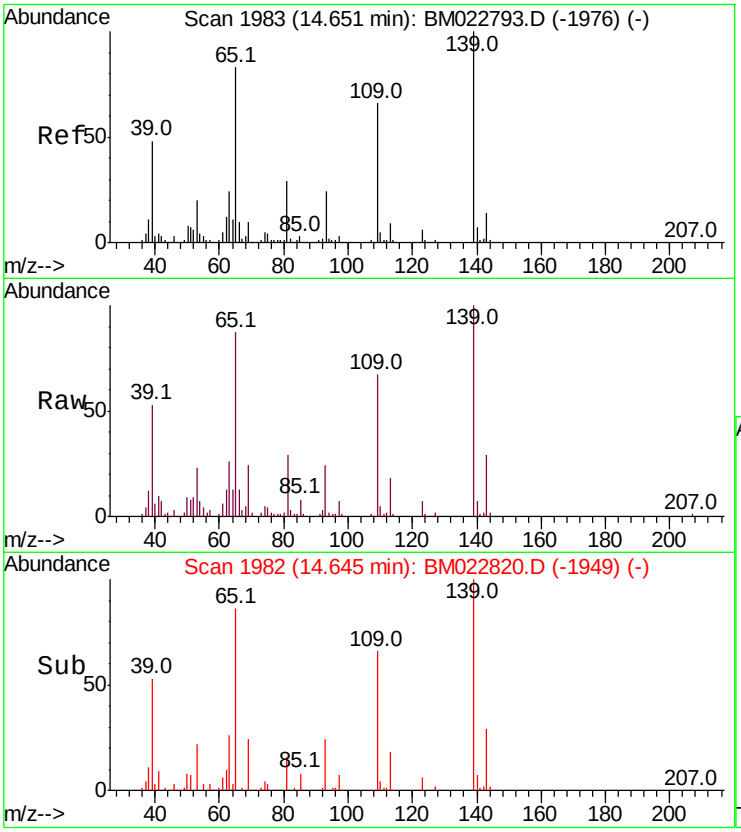


#50
Acenaphthene
Concen: 15.643 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:153 Resp: 804847

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.1	57.1
154	89.0	71.1	106.7



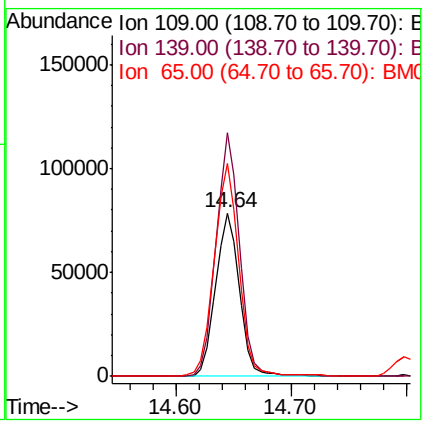


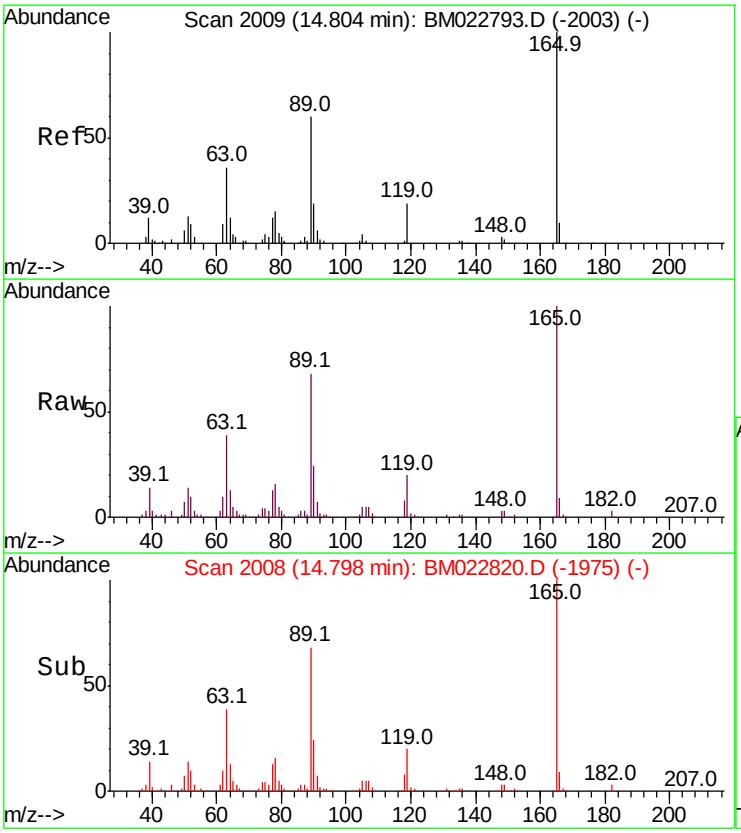
#53
4-Nitrophenol
Concen: 13.204 ng/ul
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 112981

Ion	Ratio	Lower	Upper
109	100		
139	149.0	119.5	179.3
65	130.3	105.0	157.4

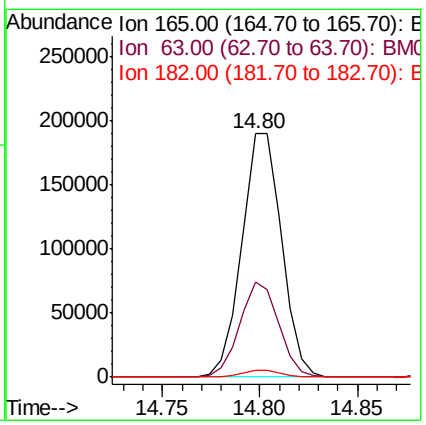


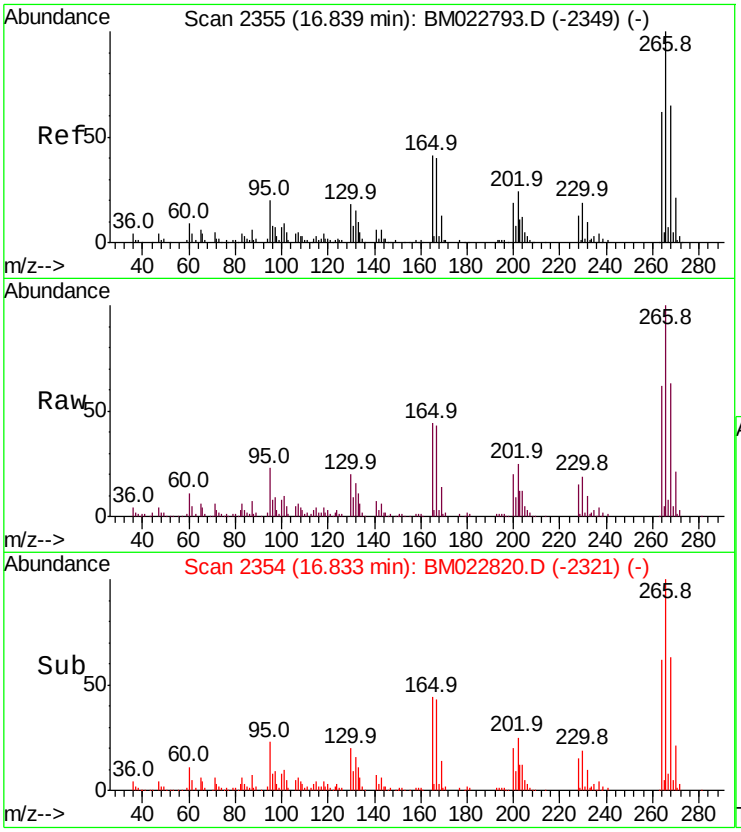


#55
2,4-Dinitrotoluene
Concen: 15.064 ng/ul
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:165 Resp: 269750

Ion	Ratio	Lower	Upper
165	100		
63	39.2	29.8	44.6
182	2.7	2.2	3.4



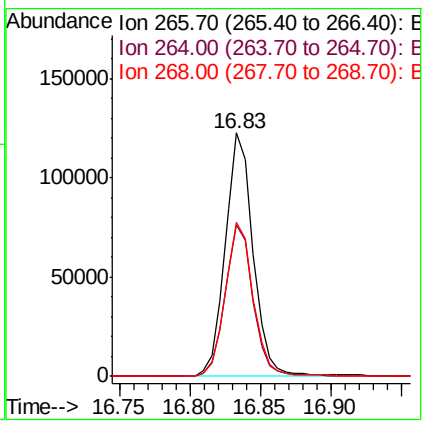


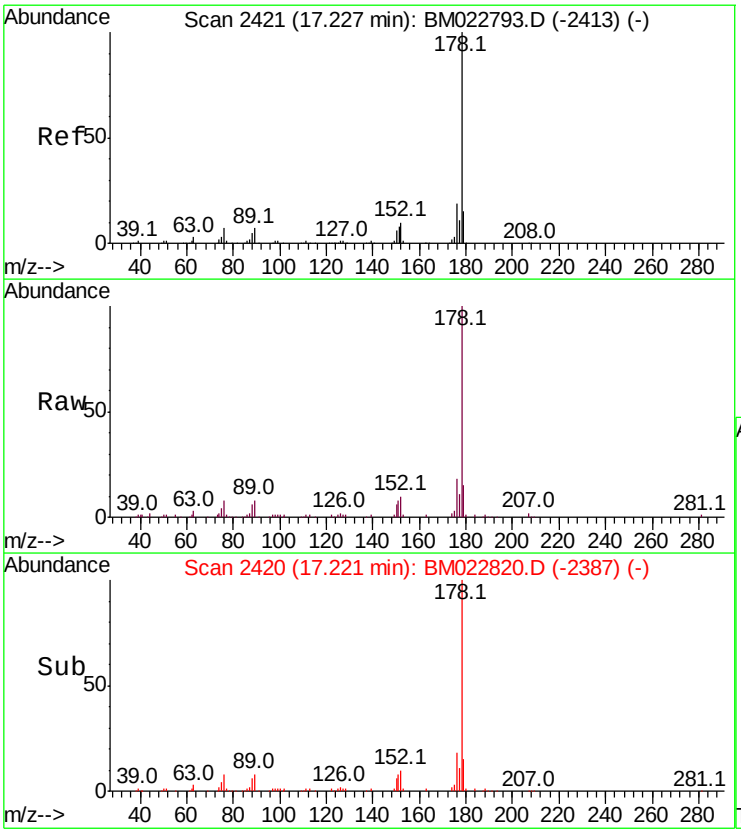
#69
Pentachlorophenol
Concen: 12.078 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 168246

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.8	76.2
268	63.0	51.4	77.0

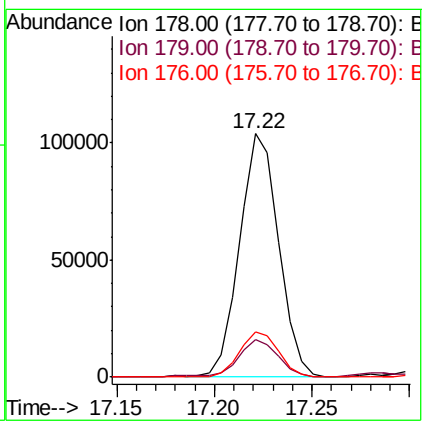


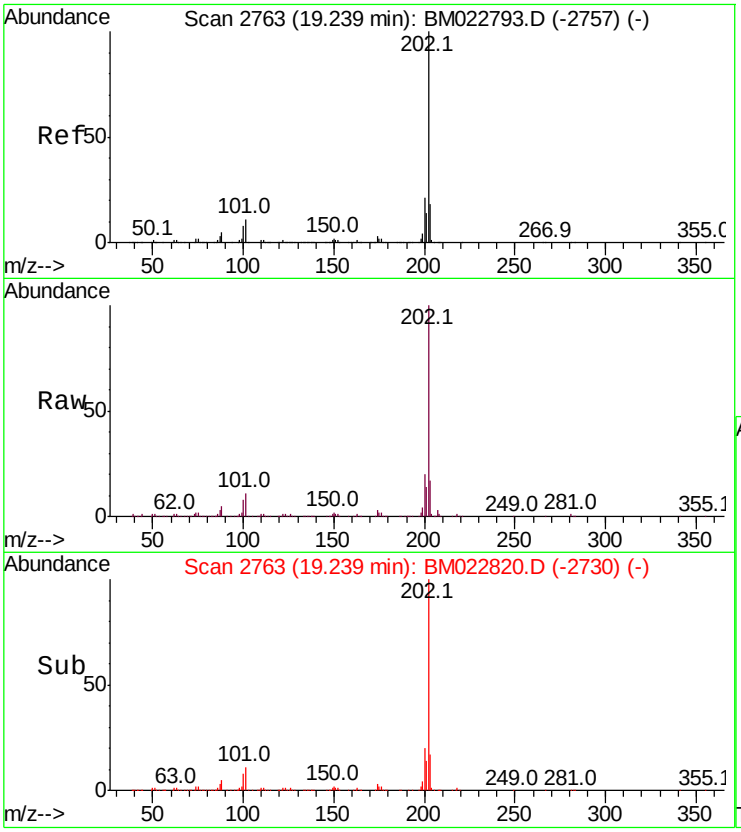


#70
Phenanthrene
Concen: 1.512 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:178 Resp: 144088

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.5	15.3	22.9



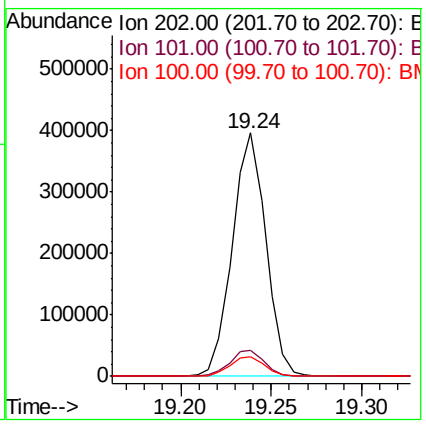


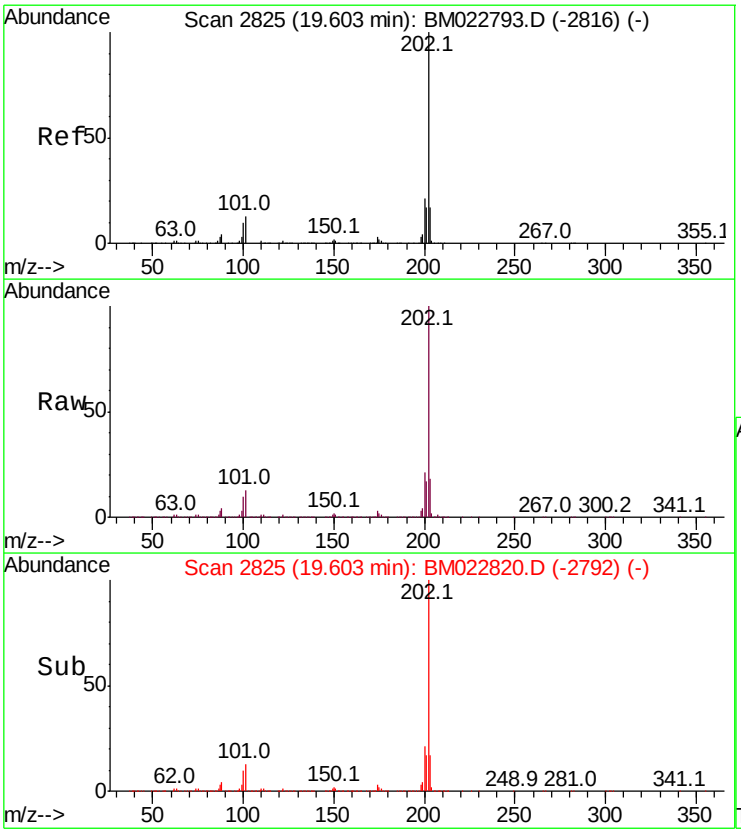
#77
Fluoranthene
Concen: 4.742 ng/ul
RT: 19.24 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 508083

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.6	12.8
100	8.1	6.4	9.6

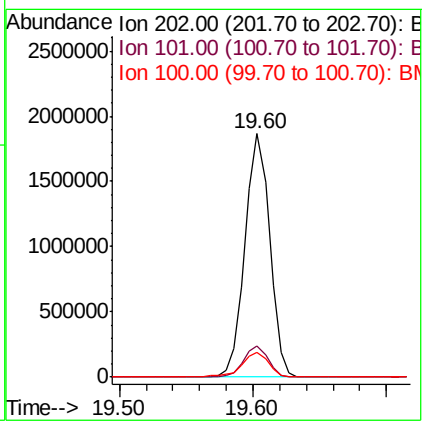


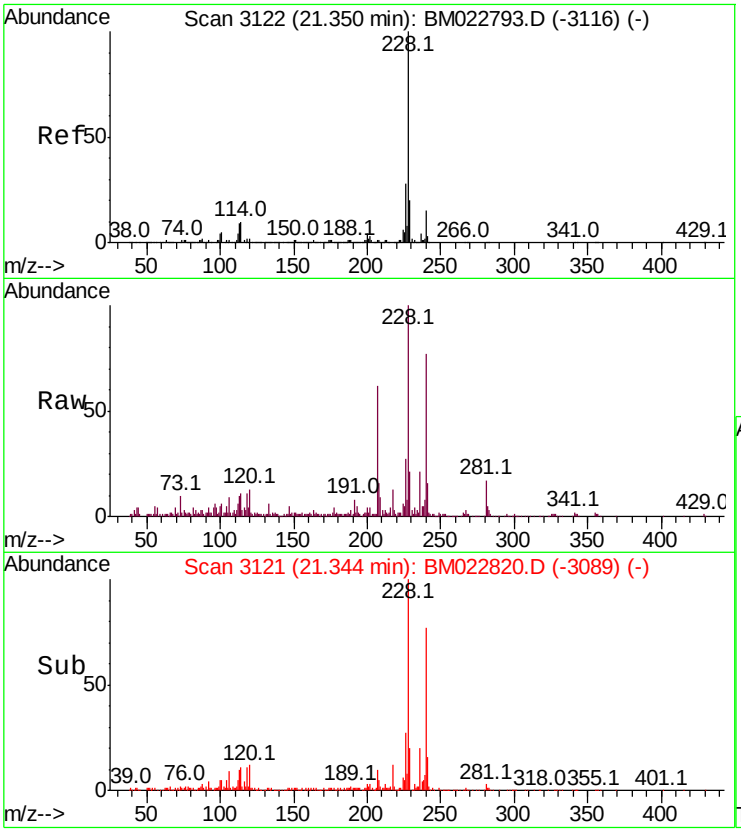


#80
Pyrene
Concen: 22.849 ng/ul
RT: 19.60 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:202 Resp: 2380427

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	10.3	7.8	11.8



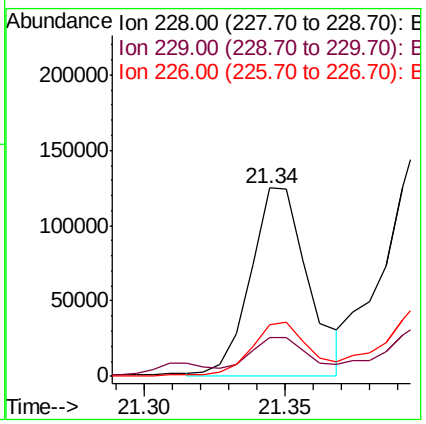


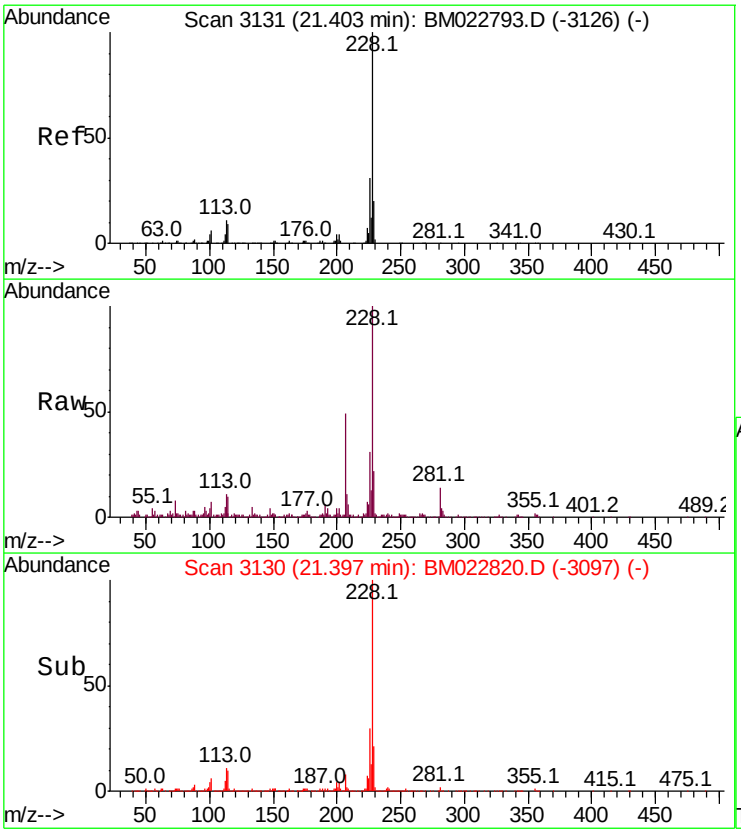
#83
Benzo(a)anthracene
Concen: 1.672 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 176416

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.1	22.4	33.6

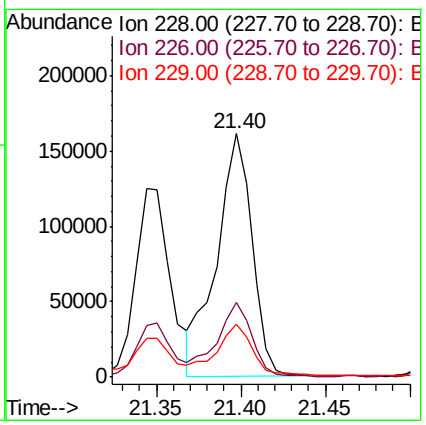


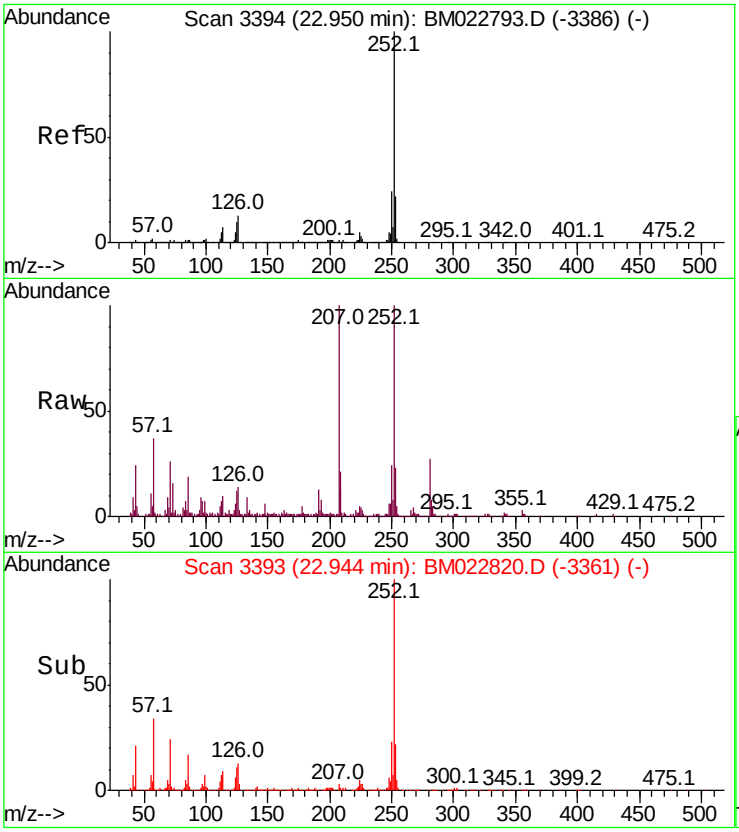


#85
Chrysene
Concen: 2.406 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:228 Resp: 234096

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.5	15.9	23.9



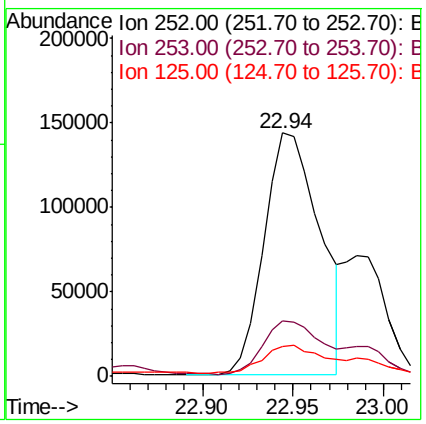


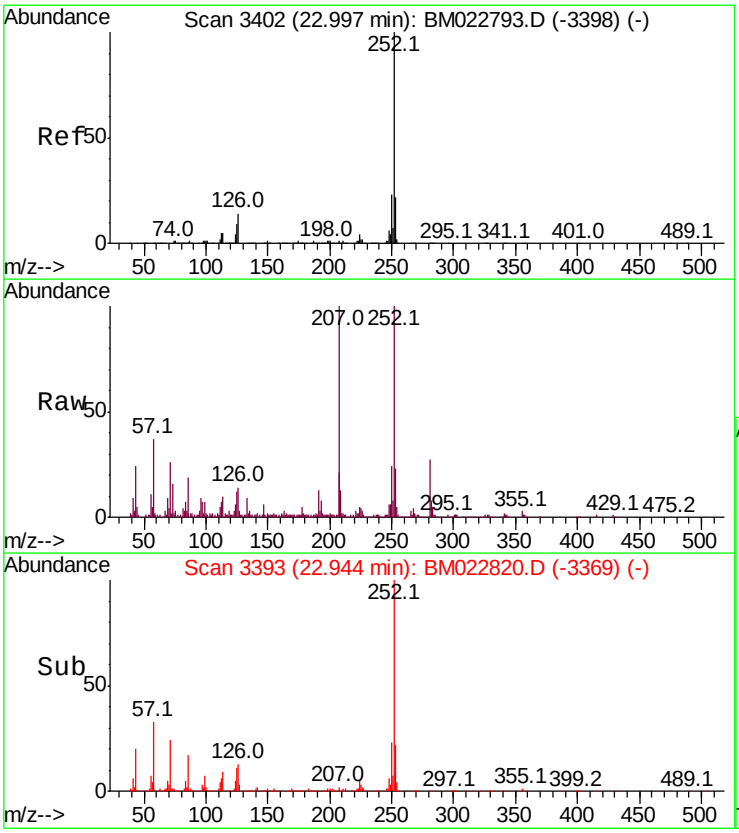
#88
Benzo(b)fluoranthene
Concen: 3.557 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 308339

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	12.2	8.2	12.2

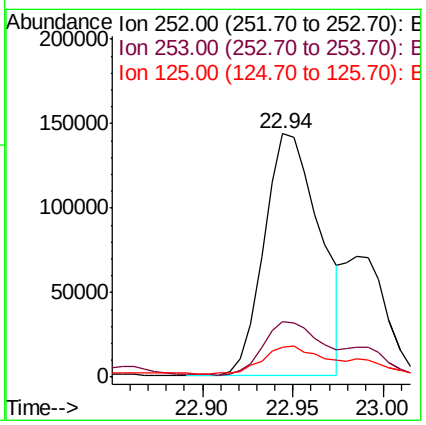


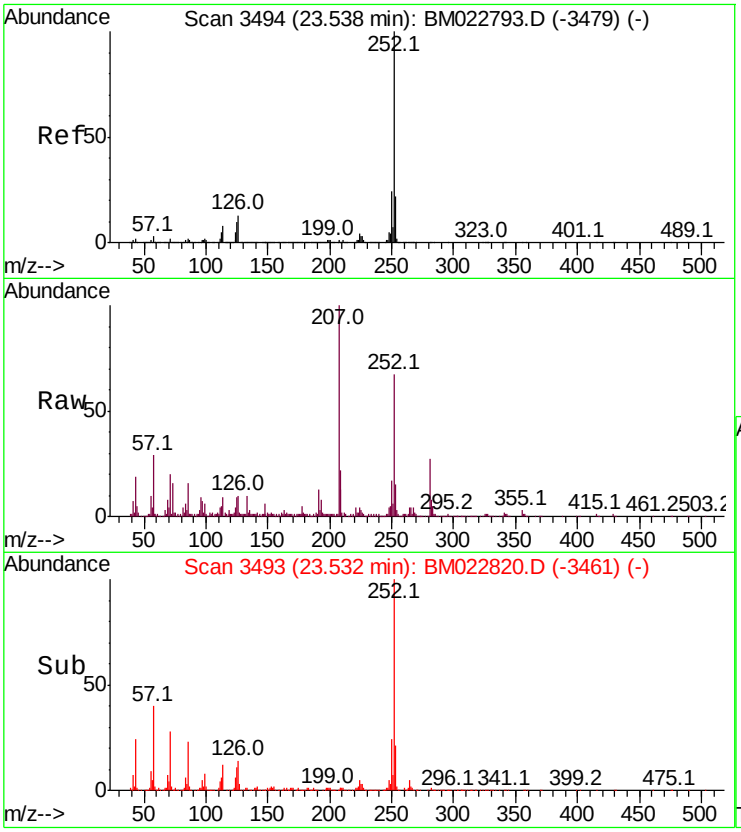


#89
Benzo(k)fluoranthene
Concen: 3.718 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. -0.06 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:252 Resp: 308339

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.2	7.9	11.9#



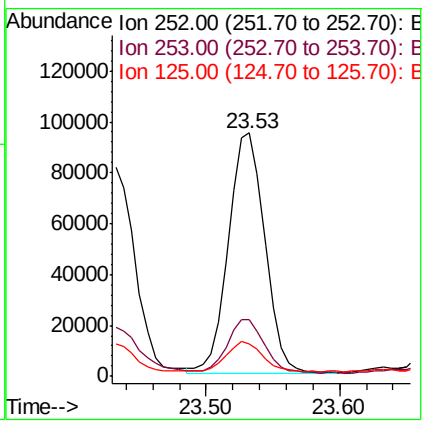


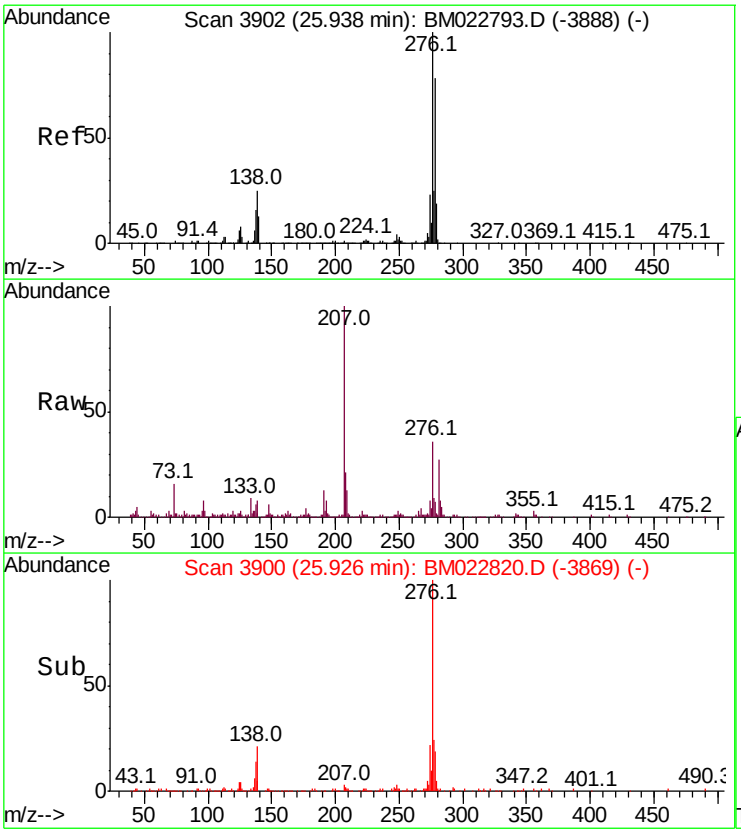
#91
Benzo(a)pyrene
Concen: 2.212 ng/ul
RT: 23.53 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 179891

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	13.1	8.7	13.1#

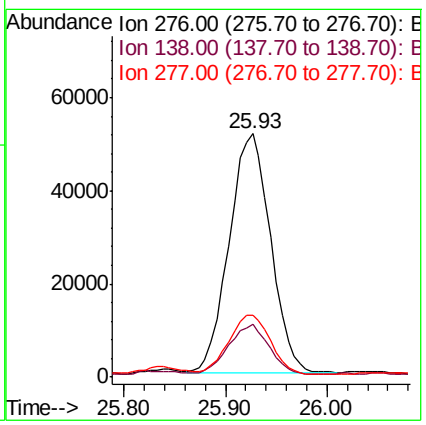


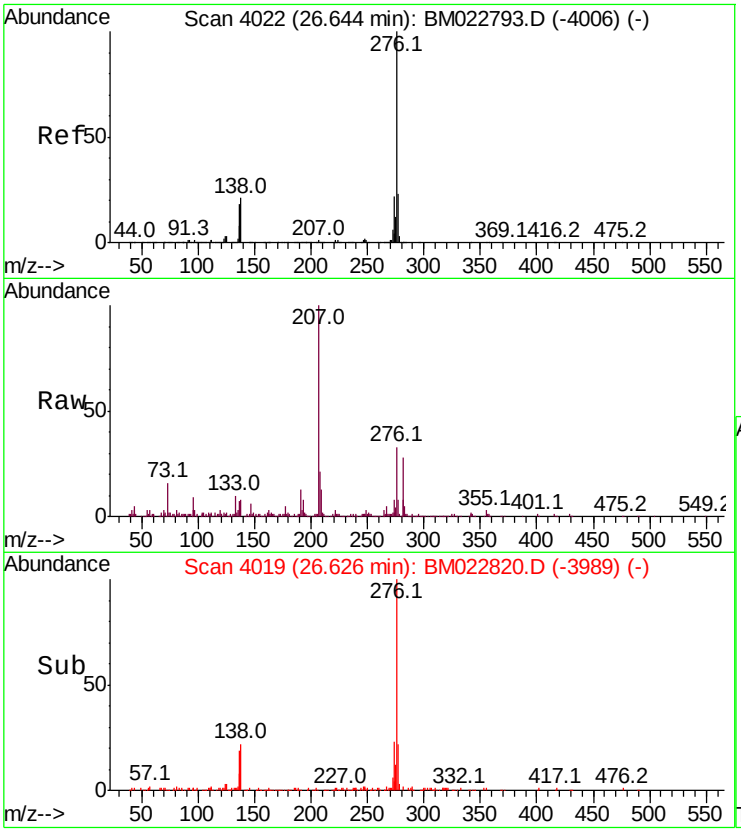


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.690 ng/ul
RT: 25.93 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Tgt Ion:276 Resp: 145963

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.8	29.8
277	25.3	20.3	30.5





#94
Benzo(g,h,i)perylene
Concen: 2.180 ng/ul
RT: 26.63 min Scan# 4019
Delta R.T. -0.02 min
Lab File: BM022820.D
Acq: 30 Sep 2019 12:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 151888

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.6	26.4
277	23.2	19.1	28.7