Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010450.D
Acq On : 09 Jun 2017 13:04
Operator : SJ/MA
Sample : I3521-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B94

Quant Time: Jun 10 01:47:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	275948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	1023877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	693537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1574200	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1686229	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1644492	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	20154	3.00	ng/uL	0.00
5) Phenol-d5	7.09	99	325720	15.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	183267	15.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	286347	17.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	279167	16.55	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	136684	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	166663	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	336915	18.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	326631	18.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1120233	19.44	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1244427	18.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	86796	10.07	ng/ul	0.00
57) Fluorene-d10	15.53	176	958898	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	143085	12.83	ng/ul	0.00
70) Anthracene-d10	17.39	188	1492791	19.49	ng/ul	0.00
76) Pyrene-d10	19.67	212	1717464	24.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1565770	20.45	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	26391	1.231	ng/ul#	86
44) Dimethylphthalate	14.00	163	1162832	20.520	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	12216	1.176	ng/ul#	49
74) Fluoranthene	19.34	202	865881	8.379	ng/ul#	95
77) Pyrene	19.70	202	834258	9.601	ng/ul#	94
80) Benzo(a)anthracene	21.44	228	705252	7.417	ng/ul	97
82) Chrysene	21.49	228	681044	7.923	ng/ul	96
85) Benzo(b)fluoranthene	23.08	252	989684	10.343	ng/ul	99
86) Benzo(k)fluoranthene	23.08	252	989684	10.826	ng/ul#	98
88) Benzo(a)pyrene	23.69	252	412893	4.353	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	26.18	276	310717	2.593	ng/ul#	94
91) Benzo(g,h,i)perylene	26.93	276	230515	2.335	ng/ul	98

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

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Acq On : 09 Jun 2017 13:04
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Sample : I3521-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: Jun 10 01:47:29 2017
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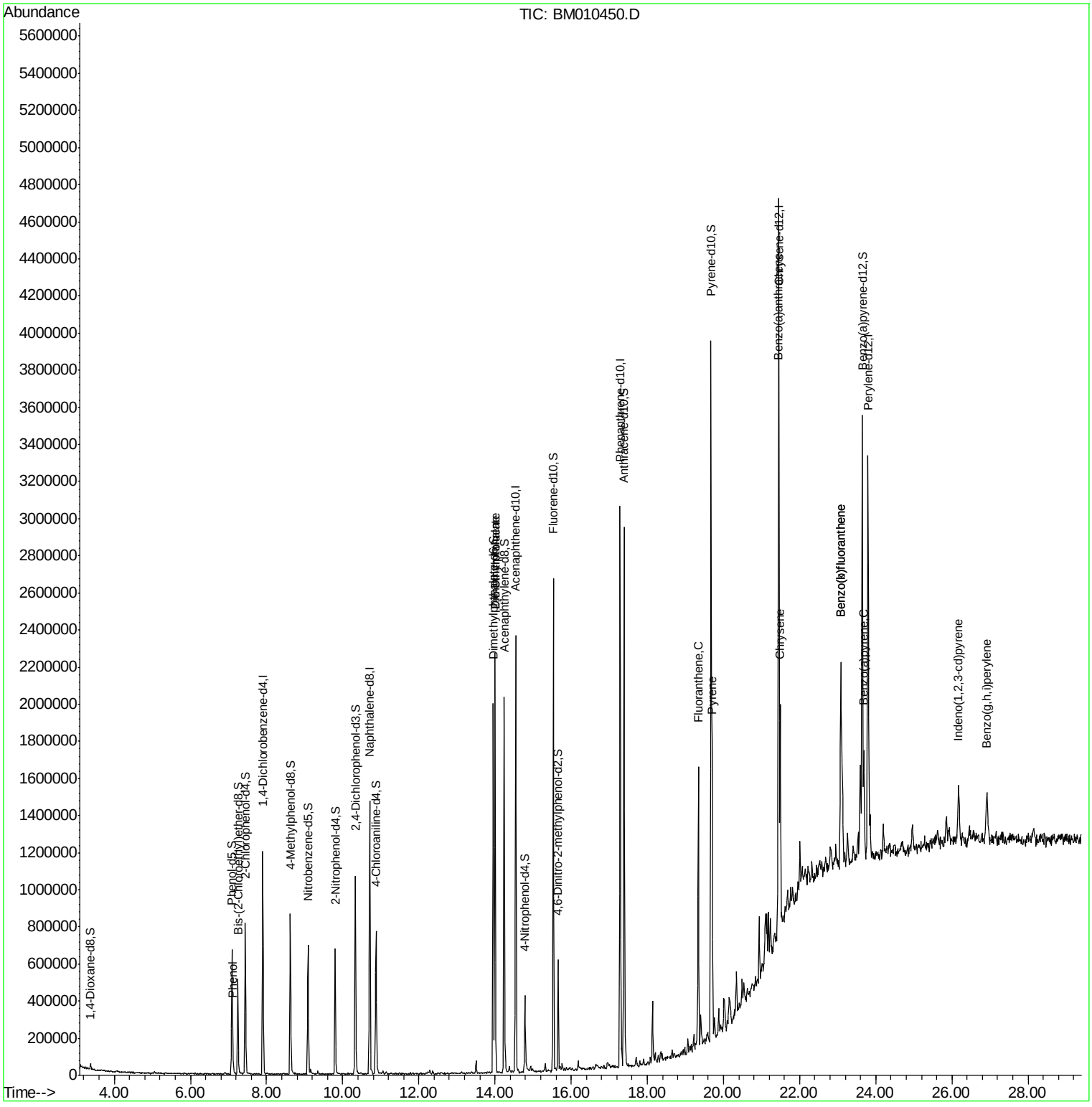
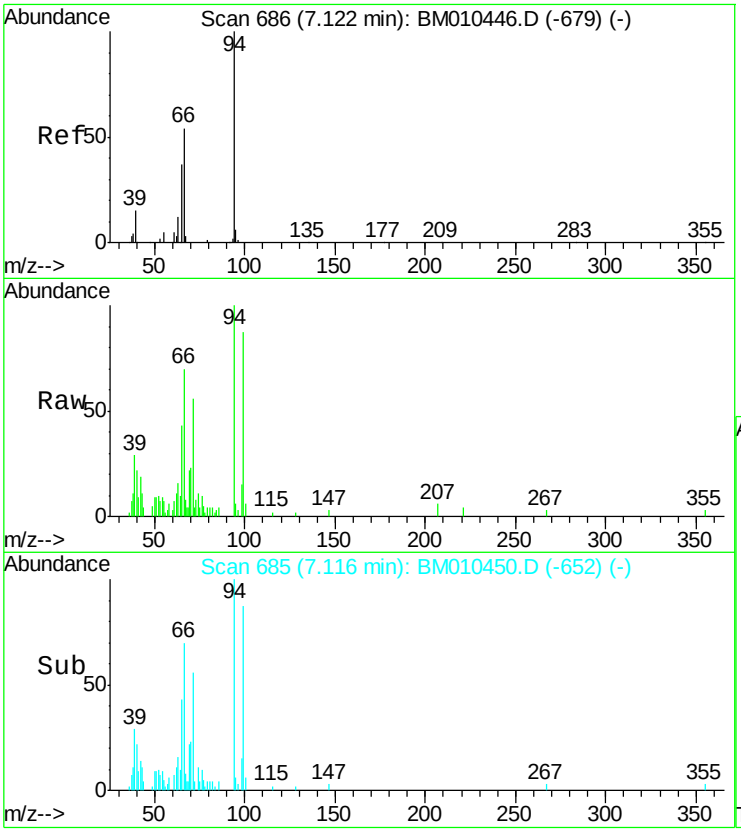
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration



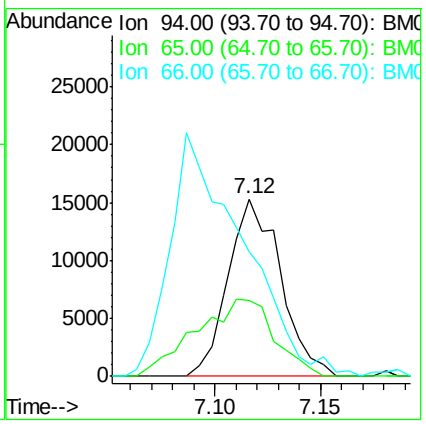


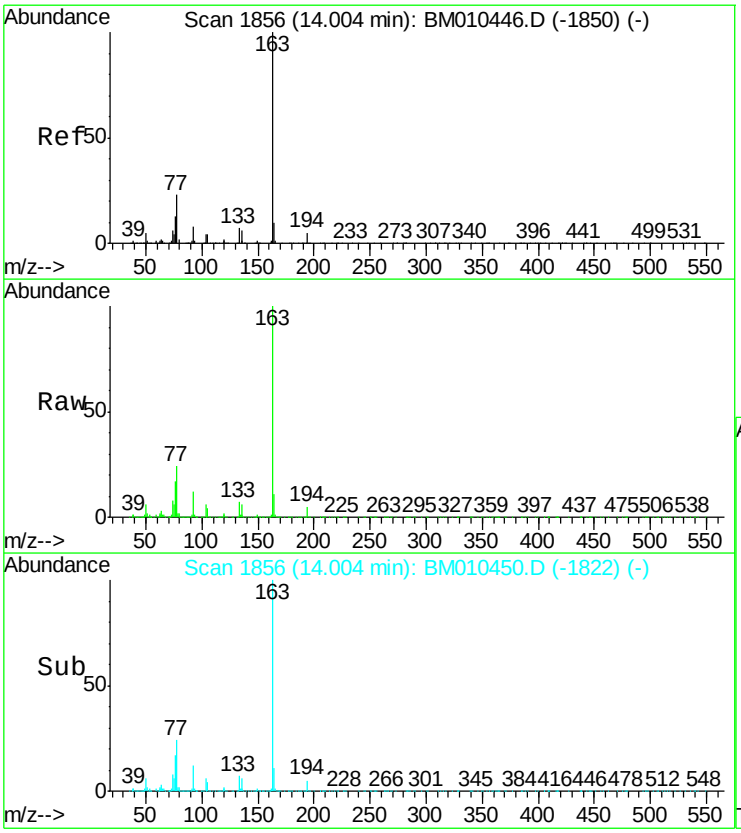
#6
Phenol
Concen: 1.231 ng/ul
RT: 7.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Instrument :
BNA_M
ClientSampleId :
F5B94

Tgt Ion: 94 Resp: 26391

Ion	Ratio	Lower	Upper
94	100		
65	42.9	28.2	42.4#
66	70.4	47.2	70.8

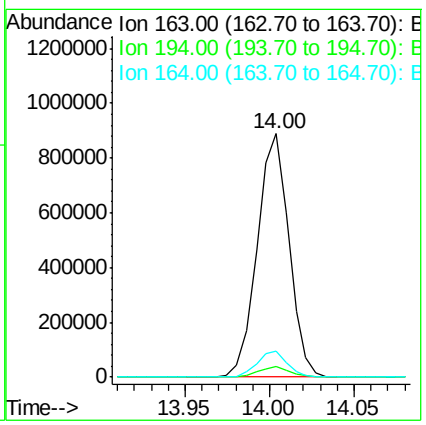


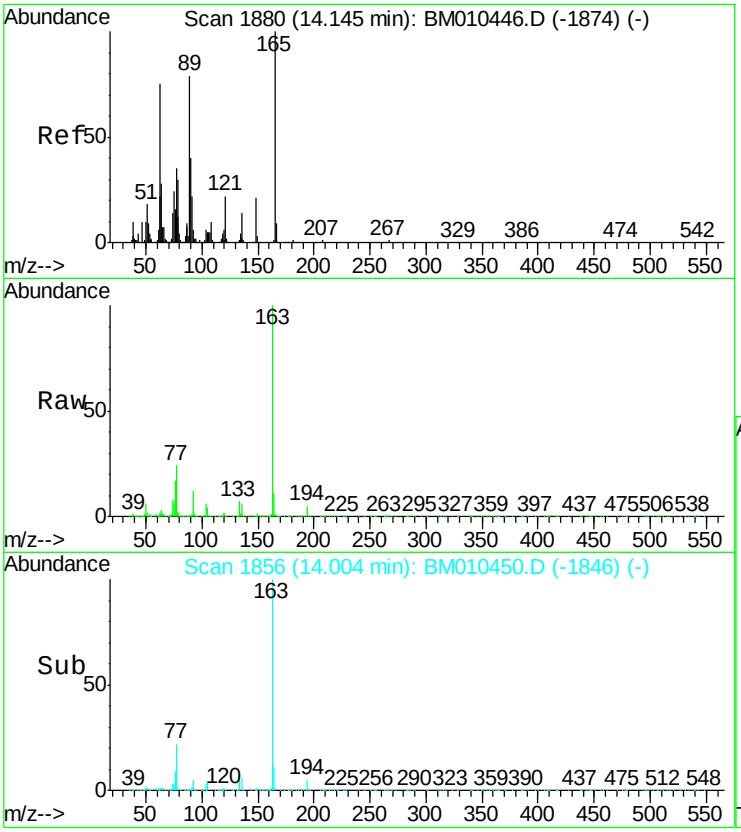


#44
Dimethylphthalate
Concen: 20.520 ng/ul
RT: 14.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Tgt Ion:163 Resp: 1162832

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.9	8.2	12.4



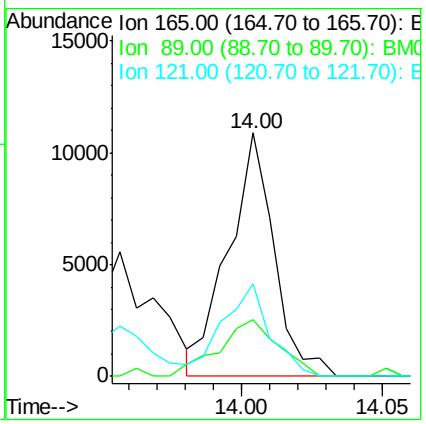


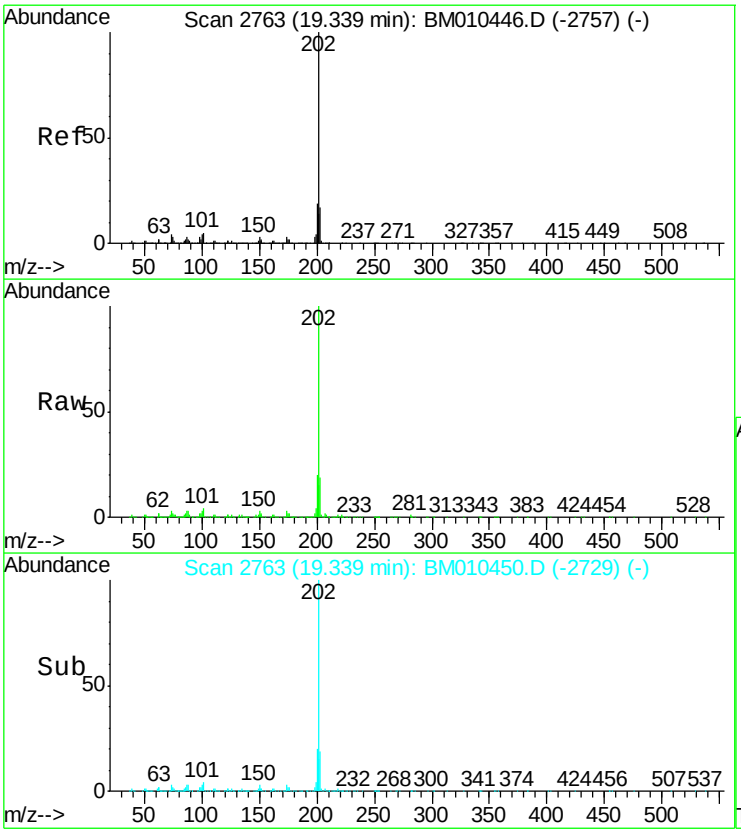
#45
2,6-Dinitrotoluene
Concen: 1.176 ng/ul
RT: 14.00 min Scan# 1856
Delta R.T. -0.14 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Instrument :
BNA_M
ClientSampleId :
F5B94

Tgt Ion:165 Resp: 12216

Ion	Ratio	Lower	Upper
165	100		
89	23.5	52.6	79.0#
121	38.1	14.6	22.0#

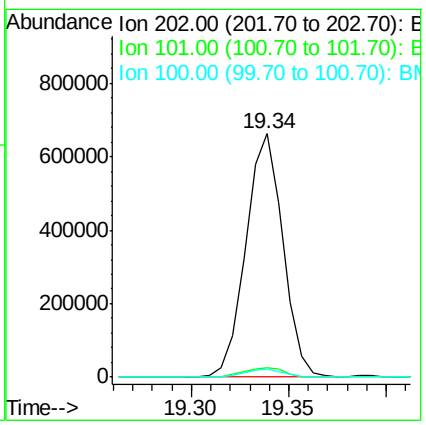


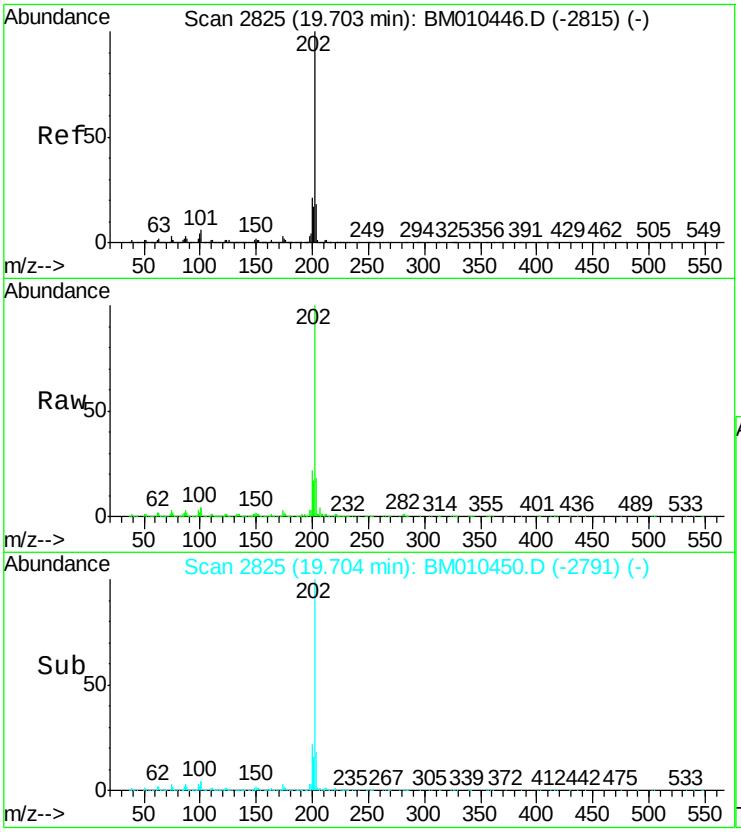


#74
Fluoranthene
Concen: 8.379 ng/ul
RT: 19.34 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Tgt Ion:202 Resp: 865881

Ion	Ratio	Lower	Upper
202	100		
101	3.9	4.6	7.0#
100	3.1	3.4	5.2#



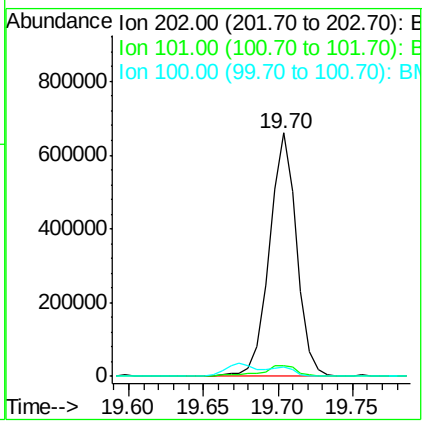


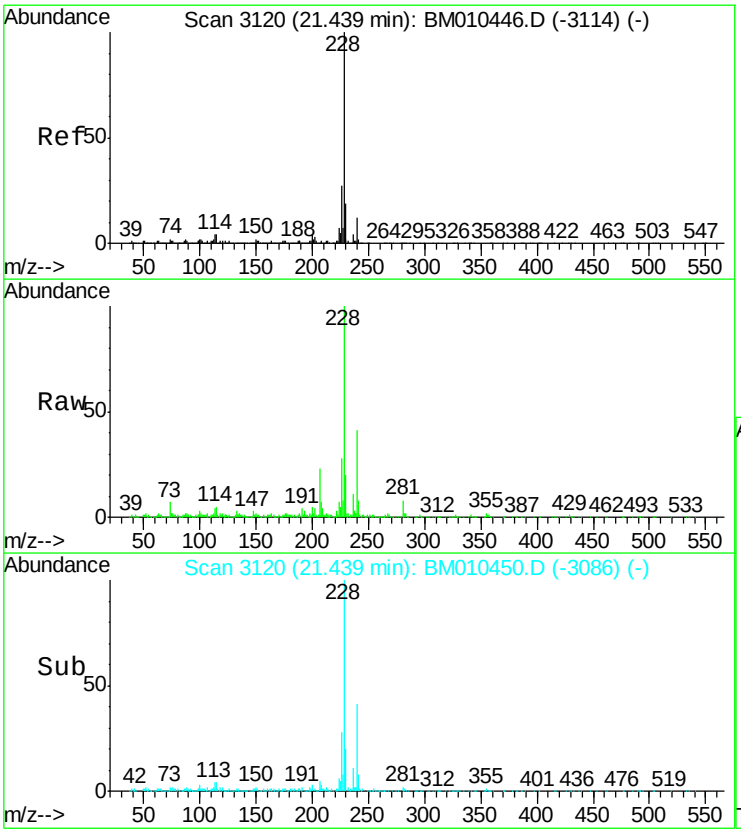
#77
Pyrene
Concen: 9.601 ng/ul
RT: 19.70 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Instrument :
BNA_M
ClientSampleId :
F5B94

Tgt Ion:202 Resp: 834258

Ion	Ratio	Lower	Upper
202	100		
101	4.5	5.1	7.7#
100	3.7	4.9	7.3#

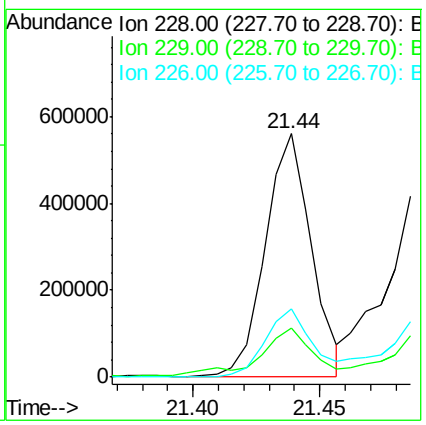


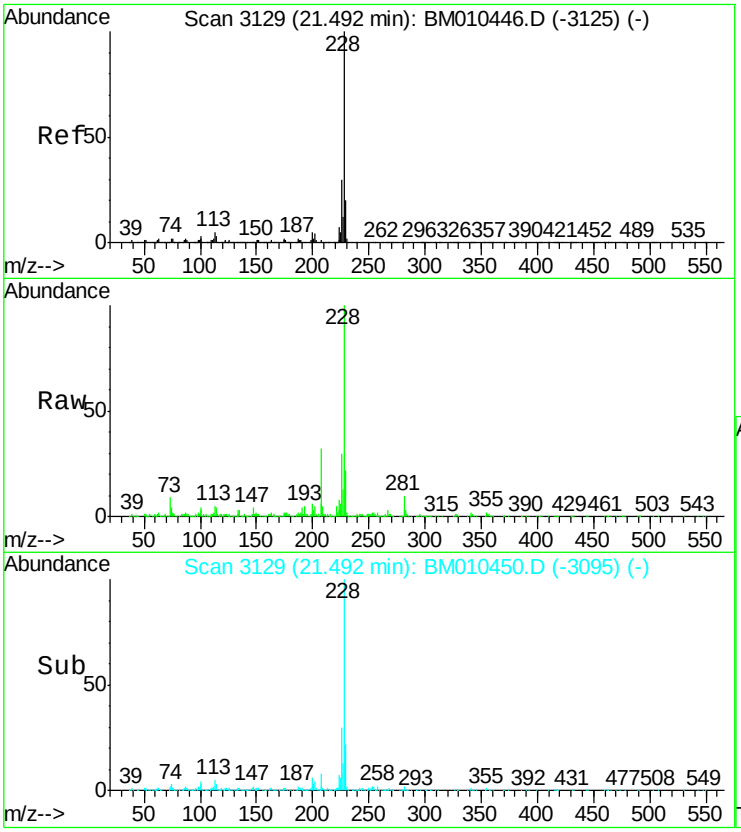


#80
Benzo(a)anthracene
Concen: 7.417 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Tgt Ion:228 Resp: 705252

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	28.1	21.4	32.0



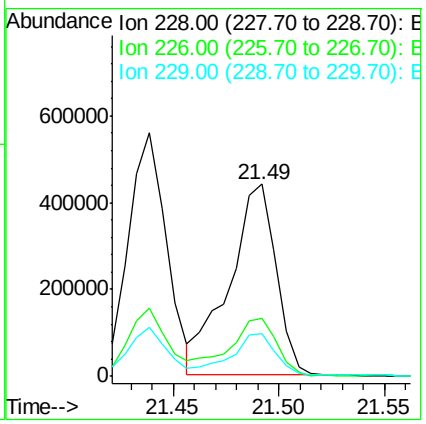


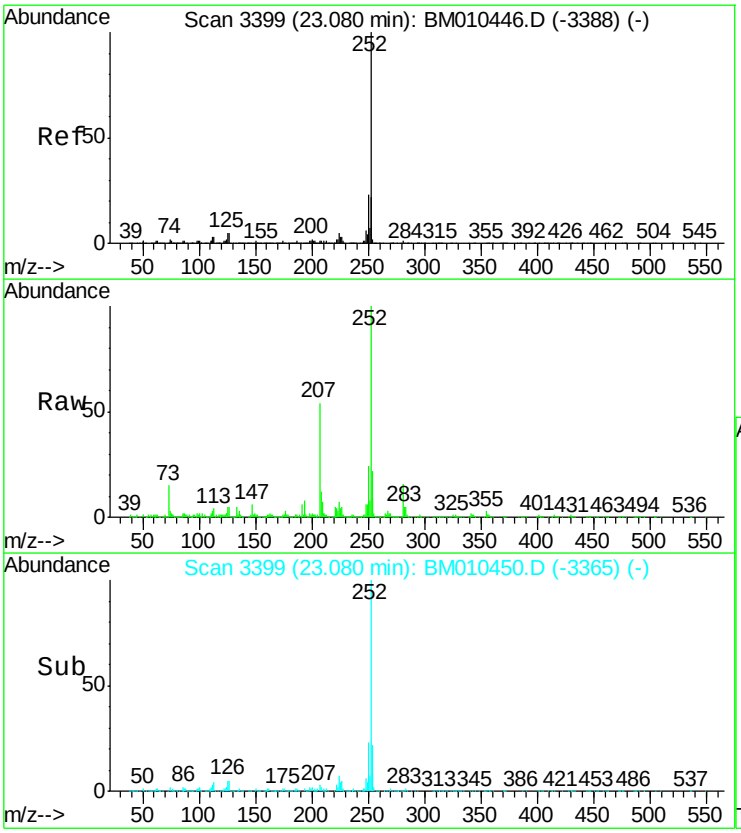
#82
Chrysene
Concen: 7.923 ng/ul
RT: 21.49 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Instrument :
BNA_M
ClientSampleId :
F5B94

Tgt Ion:228 Resp: 681044

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.3	15.5	23.3

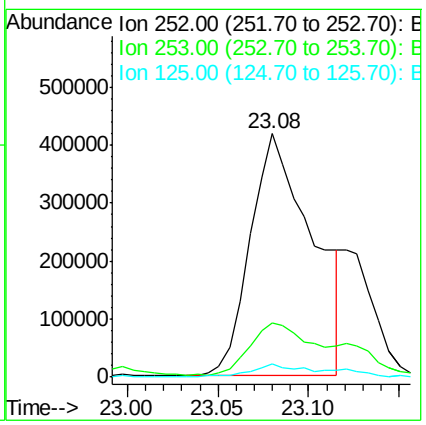


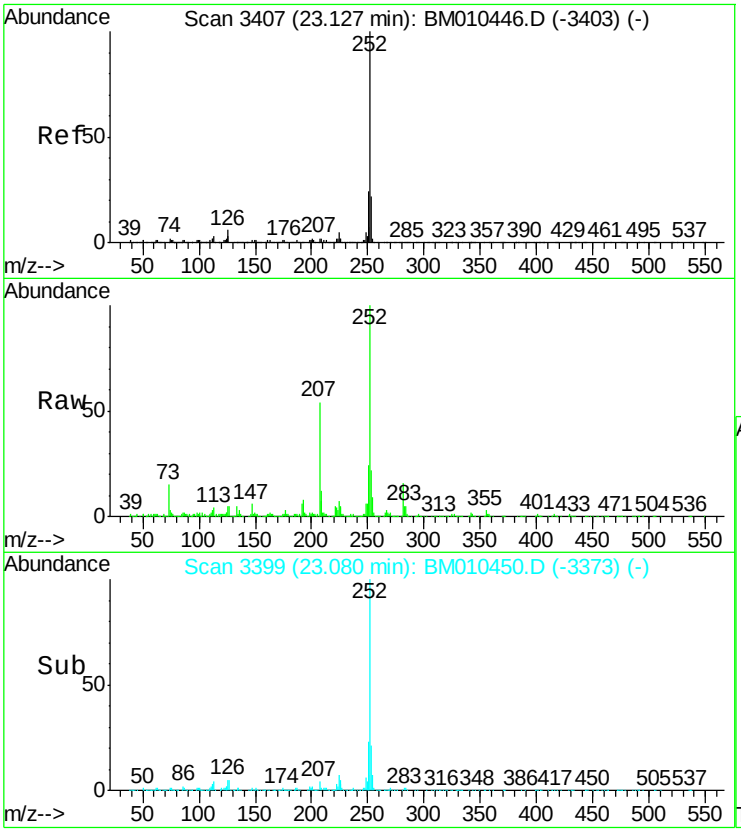


#85
Benzo(b)fluoranthene
Concen: 10.343 ng/ul
RT: 23.08 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Tgt Ion:252 Resp: 989684

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.3	3.6	5.4



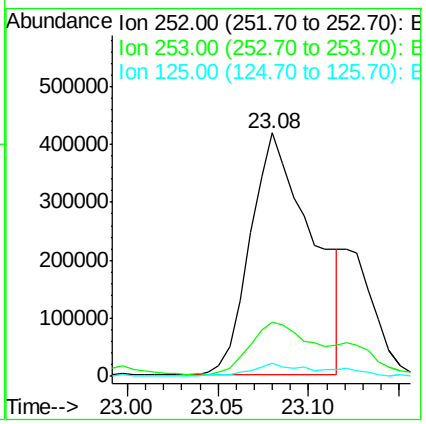


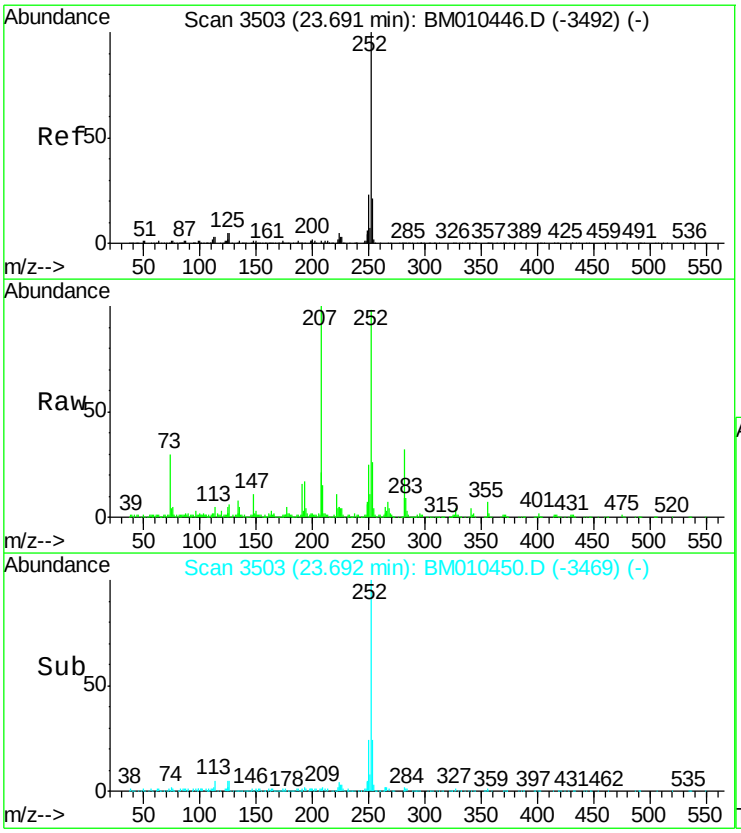
#86
Benzo(k)fluoranthene
Concen: 10.826 ng/ul
RT: 23.08 min Scan# 3399
Delta R.T. -0.05 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Instrument :
BNA_M
ClientSampleId :
F5B94

Tgt Ion:252 Resp: 989684

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	5.3	3.4	5.2#

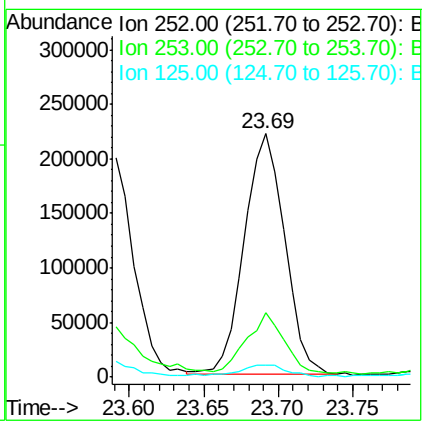


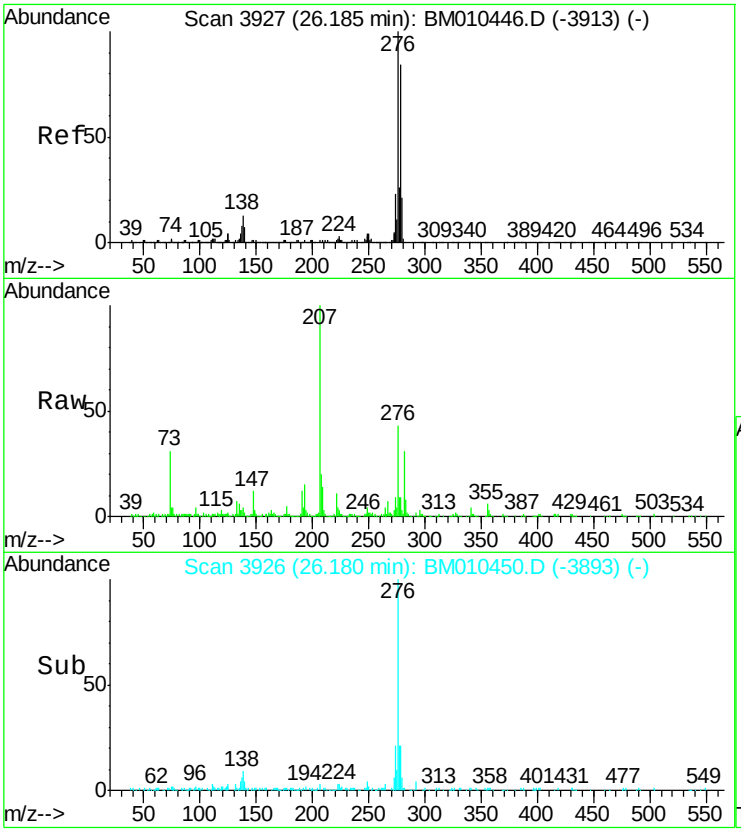


#88
Benzo(a)pyrene
Concen: 4.353 ng/ul
RT: 23.69 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Tgt Ion:252 Resp: 412893

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	5.0	4.0	6.0



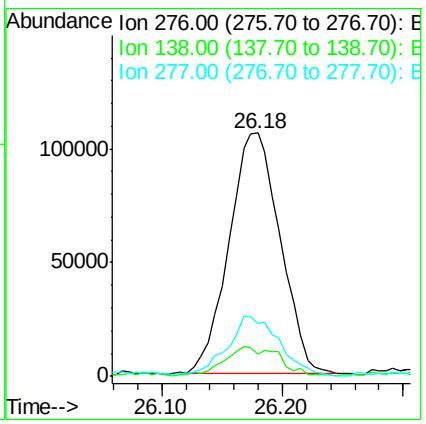


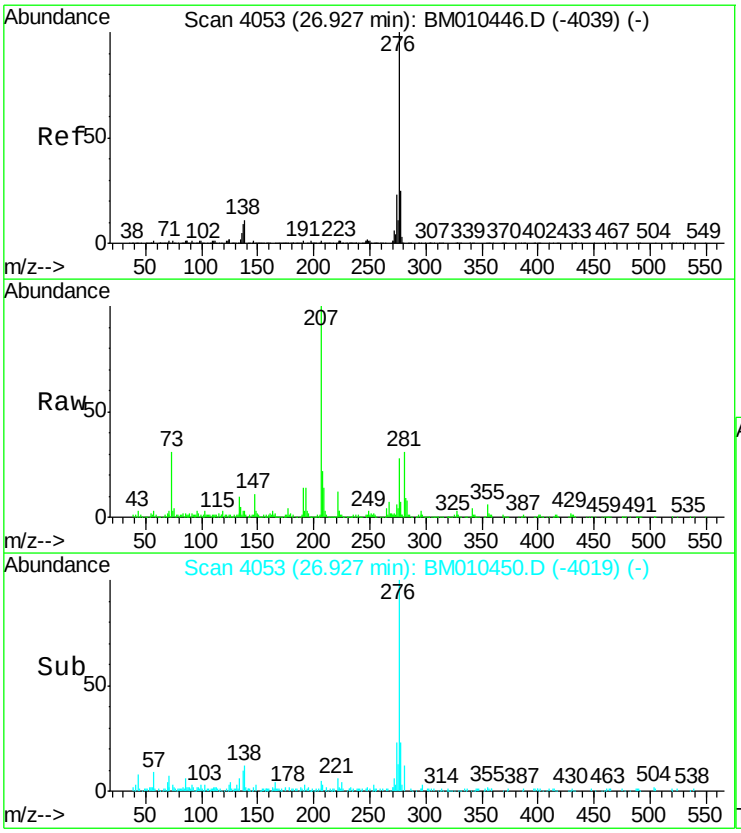
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.593 ng/ul
RT: 26.18 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Instrument :
BNA_M
ClientSampleId :
F5B94

Tgt Ion:276 Resp: 310717

Ion	Ratio	Lower	Upper
276	100		
138	9.2	9.3	13.9#
277	21.8	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.335 ng/ul
RT: 26.93 min Scan# 4053
Delta R.T. 0.00 min
Lab File: BM010450.D
Acq: 09 Jun 2017 13:04

Tgt Ion:276 Resp: 230515

Ion	Ratio	Lower	Upper
276	100		
138	12.0	8.5	12.7
277	24.1	18.6	28.0