Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005722.D
Acq On : 11 Jun 2016 02:28
Operator : UM/SJ
Sample : SSTD02037
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Jun 11 05:18:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 05:17:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	77361	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	397941	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	249882	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	588087	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	665457	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	625806	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	13841	7.58	ng/uL	0.00
3) Phenol-d5	6.93	99	133579	19.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	82184	19.98	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	109631	19.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	114099	20.96	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	58748	19.36	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	68277	20.73	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	118921	20.34	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	170229	24.08	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	415911	21.25	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	511810	20.39	ng/ul	0.00
20) 4-Nitrophenol-d4	14.62	143	61219	21.67	ng/ul	0.00
21) Fluorene-d10	15.38	176	354572	21.16	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	59688	20.91	ng/ul	0.00
26) Anthracene-d10	17.23	188	560604	20.10	ng/ul	0.00
30) Pyrene-d10	19.53	212	620302	18.78	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	571229	19.83	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.59	128	396354	19.65	ng/ul	100
13) 2-Methylnaphthalene	12.20	142	301128	21.09	ng/ul	100
14) 1-Methylnaphthalene	12.42	142	296851	21.11	ng/ul	100
18) Acenaphthylene	14.11	152	520361	20.13	ng/ul	100
19) Acenaphthene	14.45	153	337786	20.09	ng/ul	100
22) Fluorene	15.44	166	391886	21.30	ng/ul	100
25) Phenanthrene	17.17	178	650866	20.04	ng/ul	100
27) Anthracene	17.27	178	671259	20.32	ng/ul	100
28) Fluoranthene	19.19	202	769135	22.52	ng/ul	100
31) Pyrene	19.56	202	797544	19.14	ng/ul	100
32) Benzo(a)anthracene	21.30	228	766185	19.71	ng/ul	100
33) Chrysene	21.35	228	764935	20.53	ng/ul	100
35) Benzo(b)fluoranthene	22.89	252	727010	19.33	ng/ul	100
36) Benzo(k)fluoranthene	22.93	252	762510	21.23	ng/ul	100
38) Benzo(a)pyrene	23.47	252	703265	19.48	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.85	276	687220	16.66	ng/ul	100
40) Dibenzo(a,h)anthracene	25.86	278	573527	16.61	ng/ul	100
41) Benzo(g,h,i)perylene	26.55	276	558311	16.15	ng/ul	100

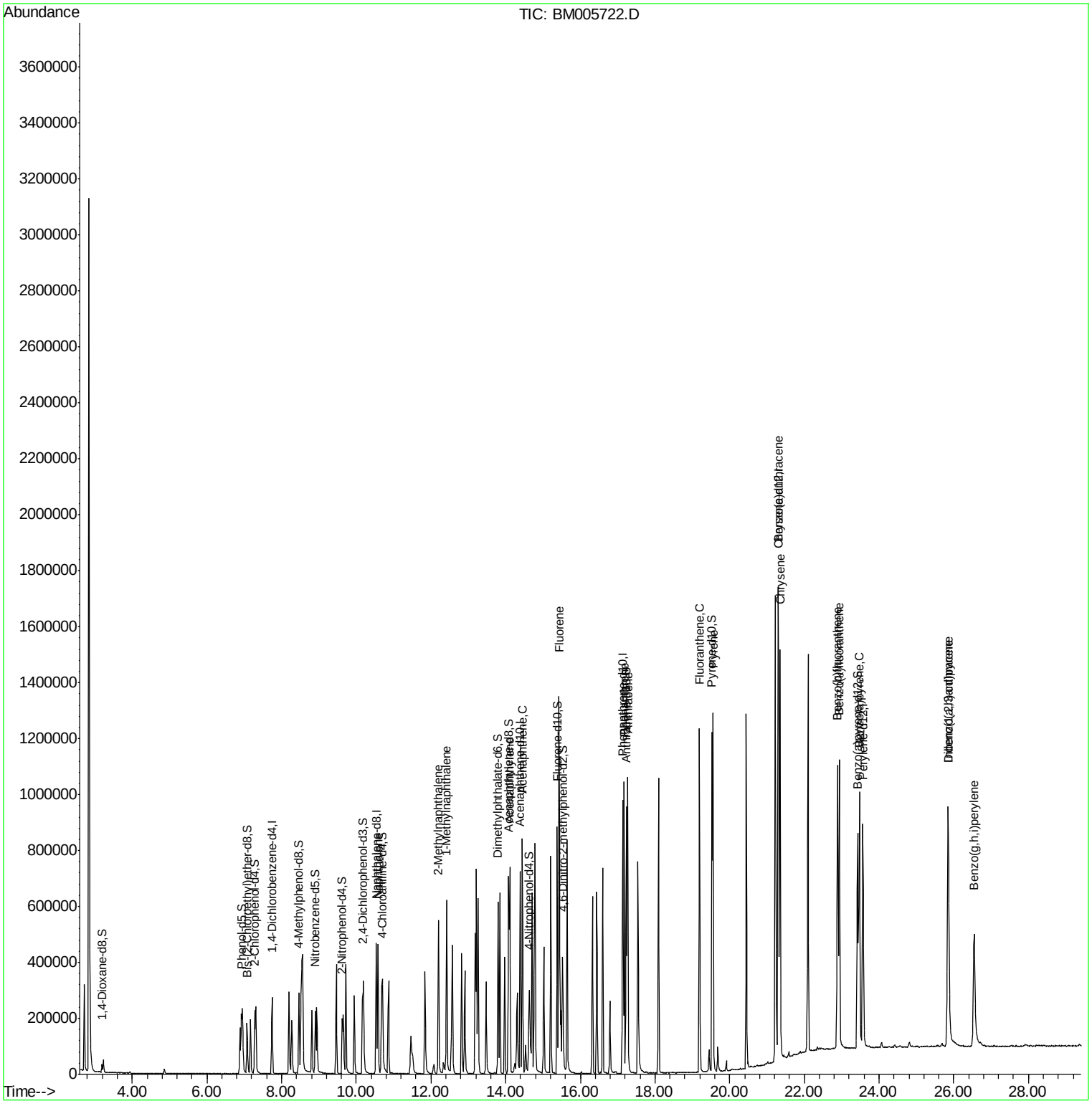
(#) = qualifier out of range (m) = manual integration (+) = signals summed

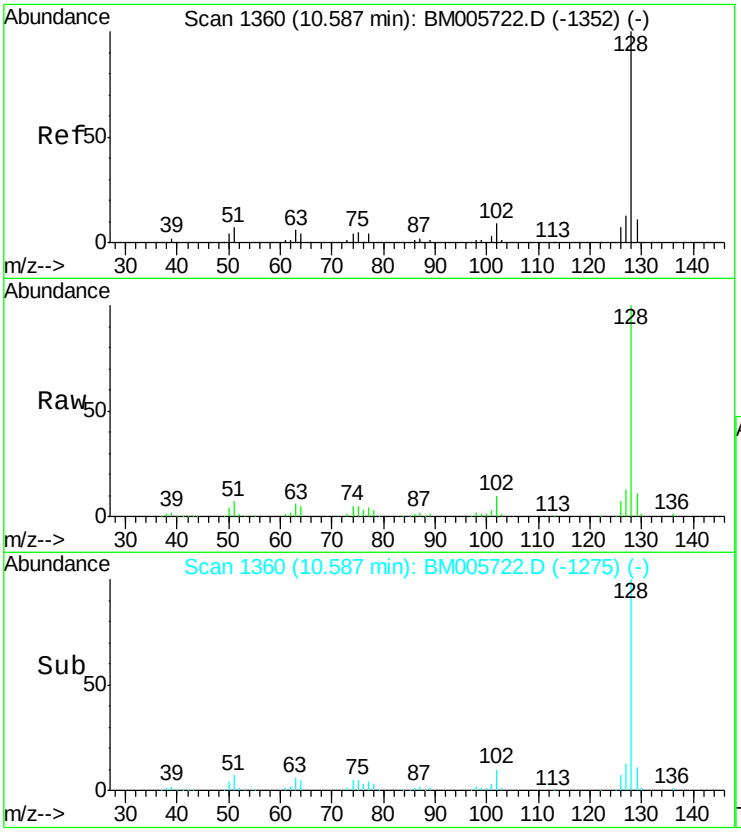
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005722.D
Acq On : 11 Jun 2016 02:28
Operator : UM/SJ
Sample : SSTD02037
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Quant Time: Jun 11 05:18:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 05:17:22 2016
Response via : Initial Calibration



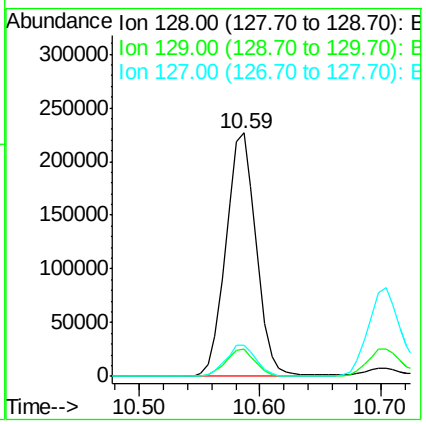


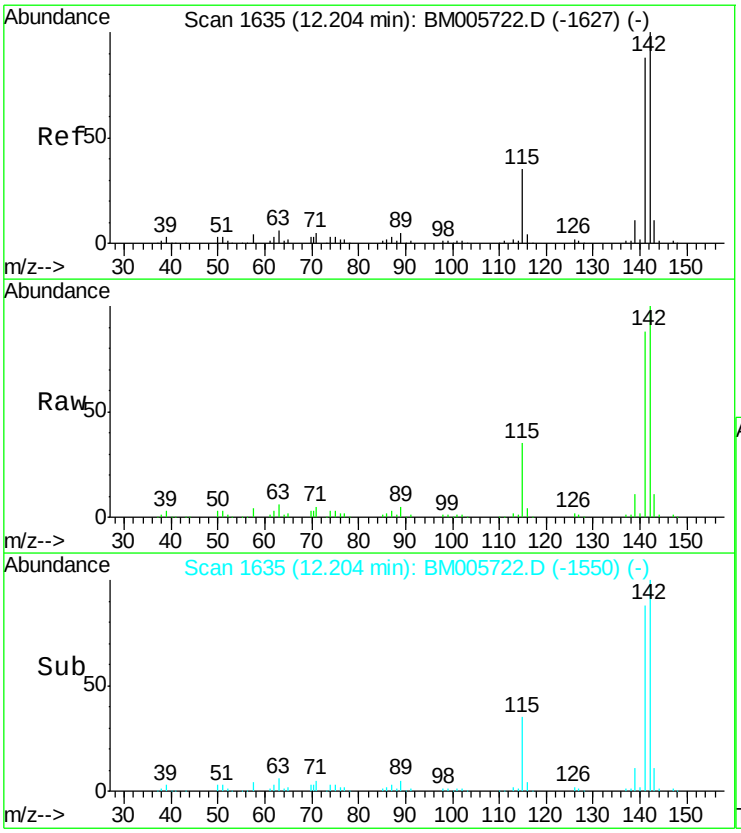
#11
Naphthalene
Concen: 19.65 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:128 Resp: 396354

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.3	15.5

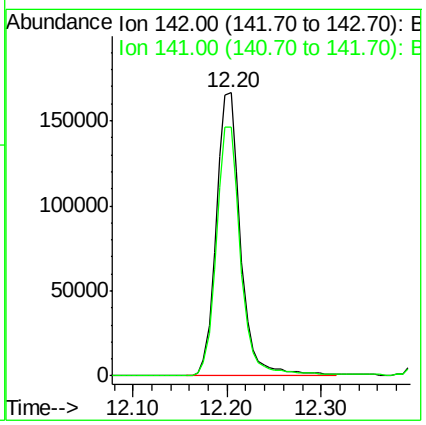


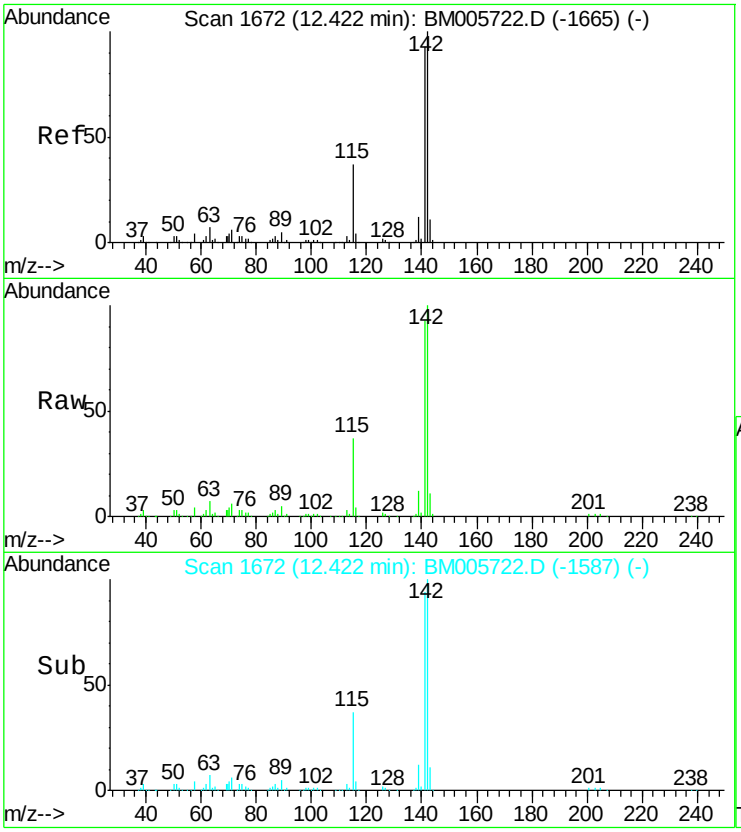


#13
2-Methylnaphthalene
Concen: 21.09 ng/ul
RT: 12.20 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:142 Resp: 301128

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.2	105.4



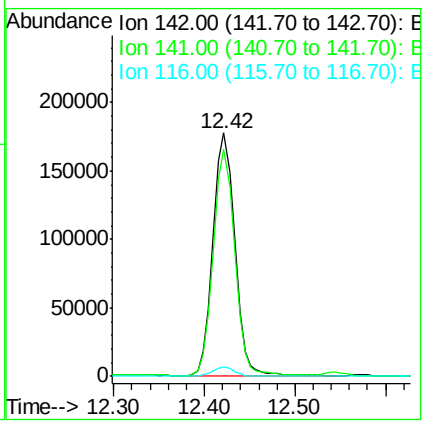


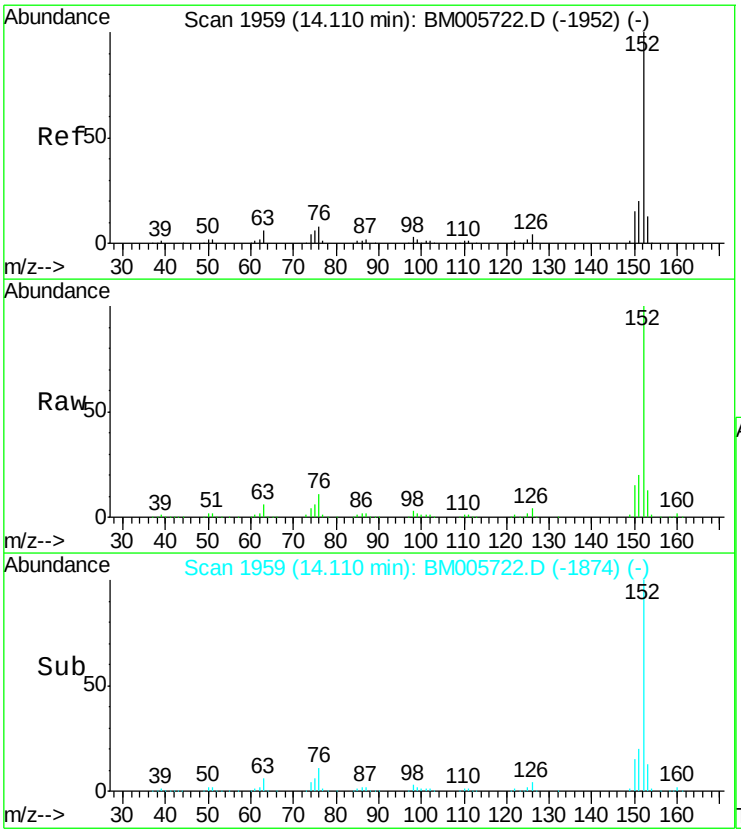
#14
1-Methylnaphthalene
Concen: 21.11 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:142 Resp: 296851

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.6	111.8
116	3.8	3.0	4.6

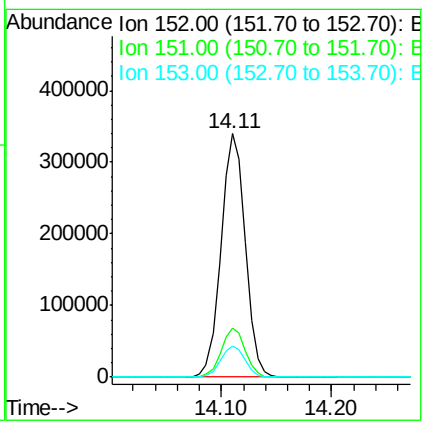


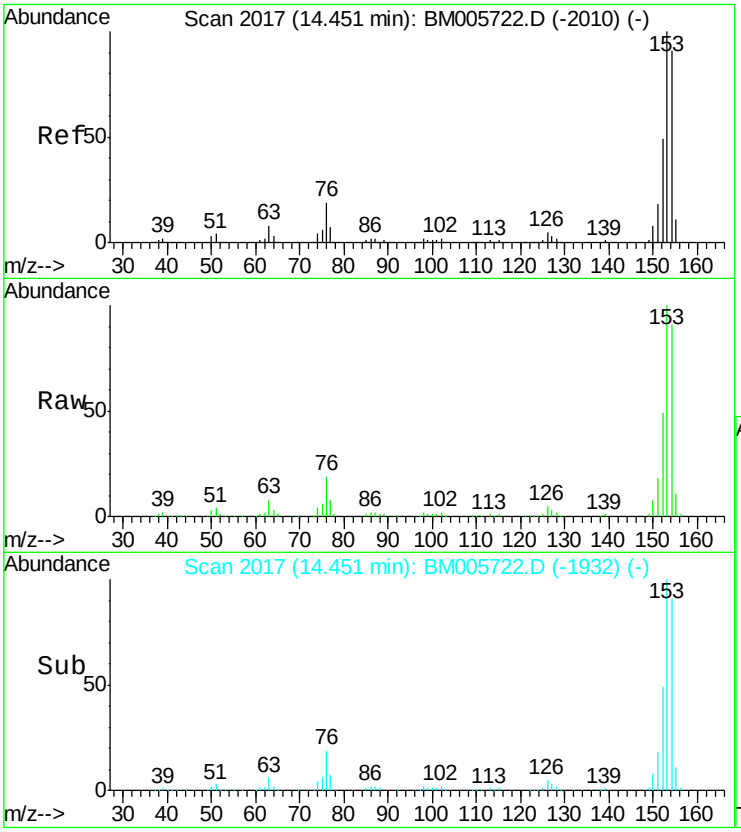


#18
Acenaphthylene
Concen: 20.13 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:152 Resp: 520361

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.4	15.6



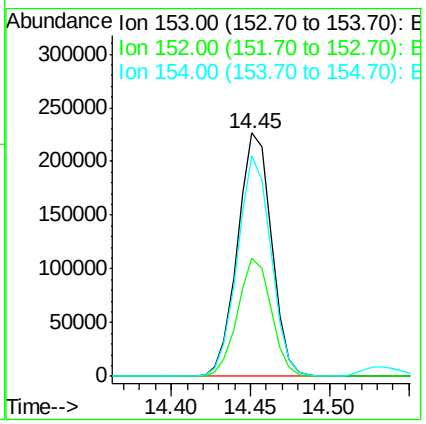


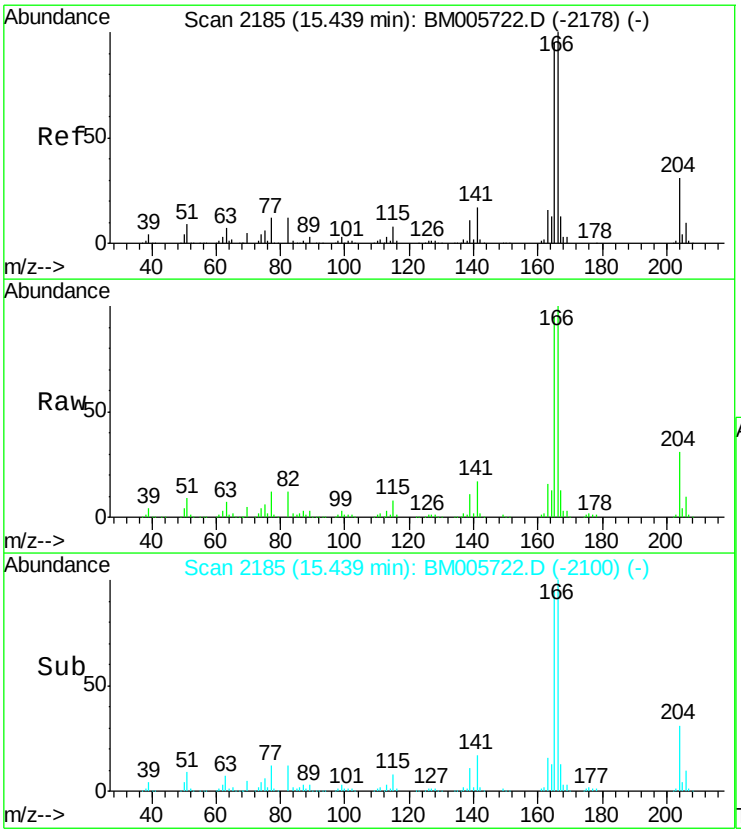
#19
Acenaphthene
Concen: 20.09 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:153 Resp: 337786

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.8	58.2
154	90.6	72.5	108.7

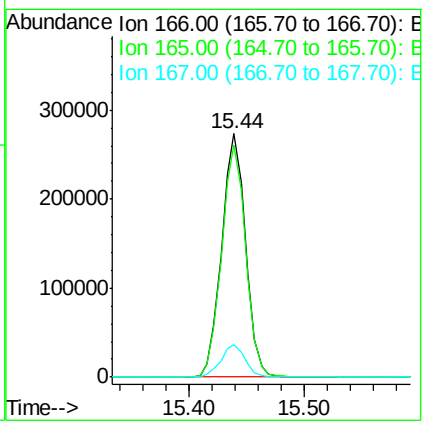


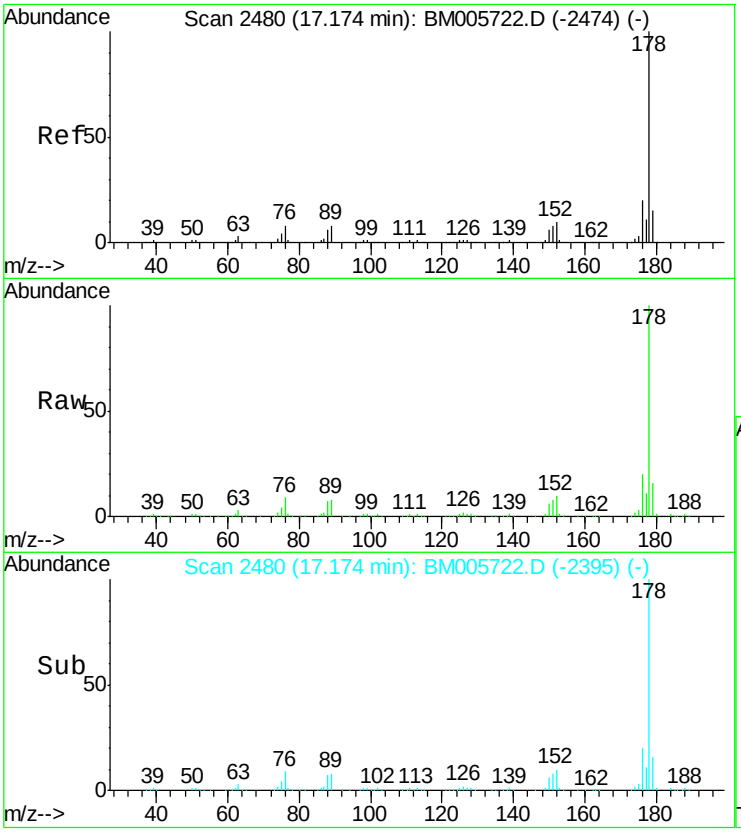


#22
Fluorene
Concen: 21.30 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:166 Resp: 391886

Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.4	114.6
167	13.3	10.6	16.0



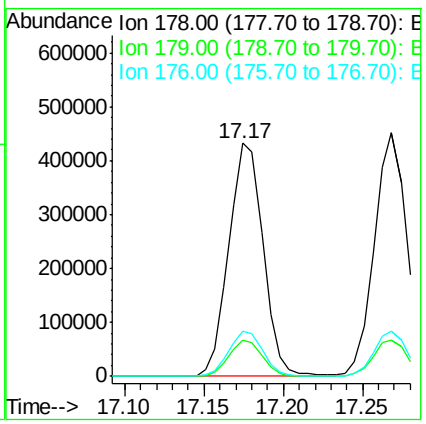


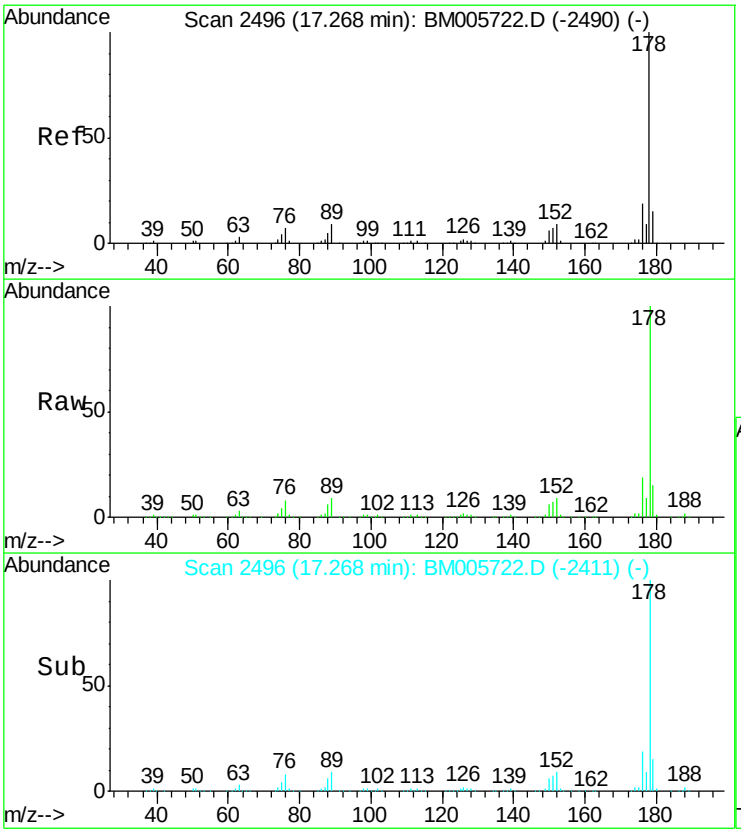
#25
Phenanthrene
Concen: 20.04 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:178 Resp: 650866

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.7	15.8	23.6

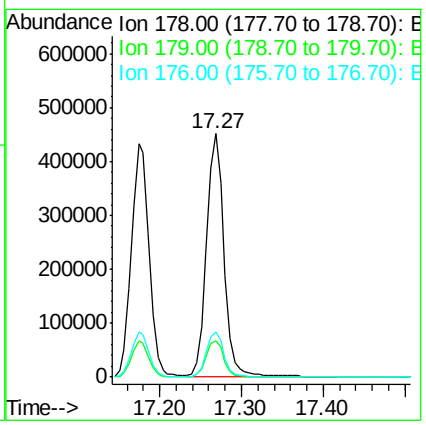


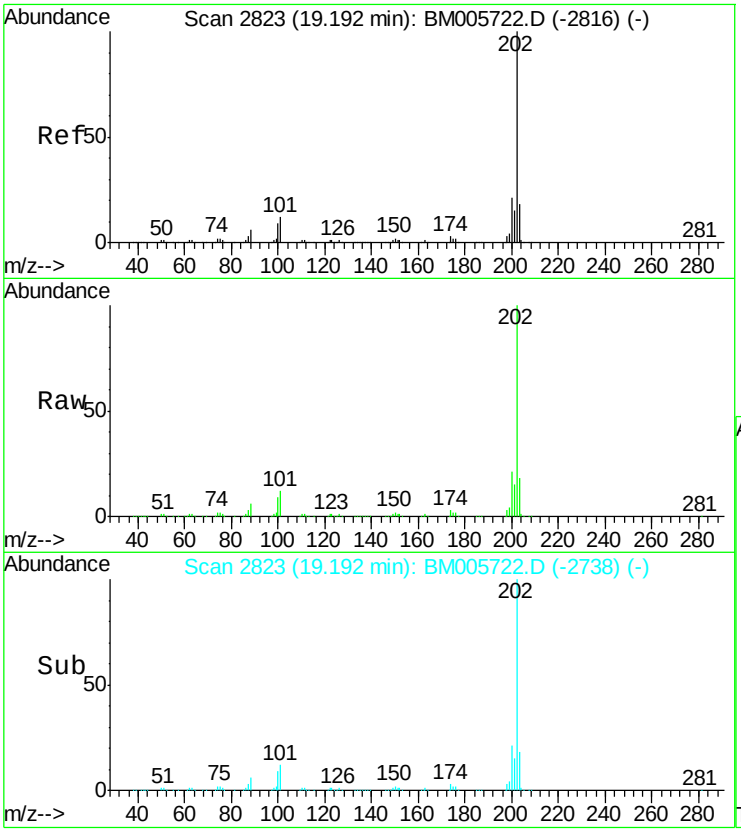


#27
Anthracene
Concen: 20.32 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:178 Resp: 671259

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.8	15.0	22.6



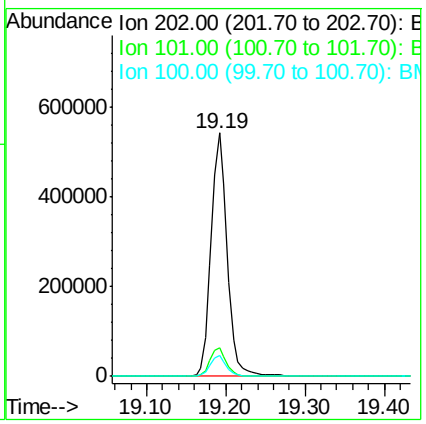


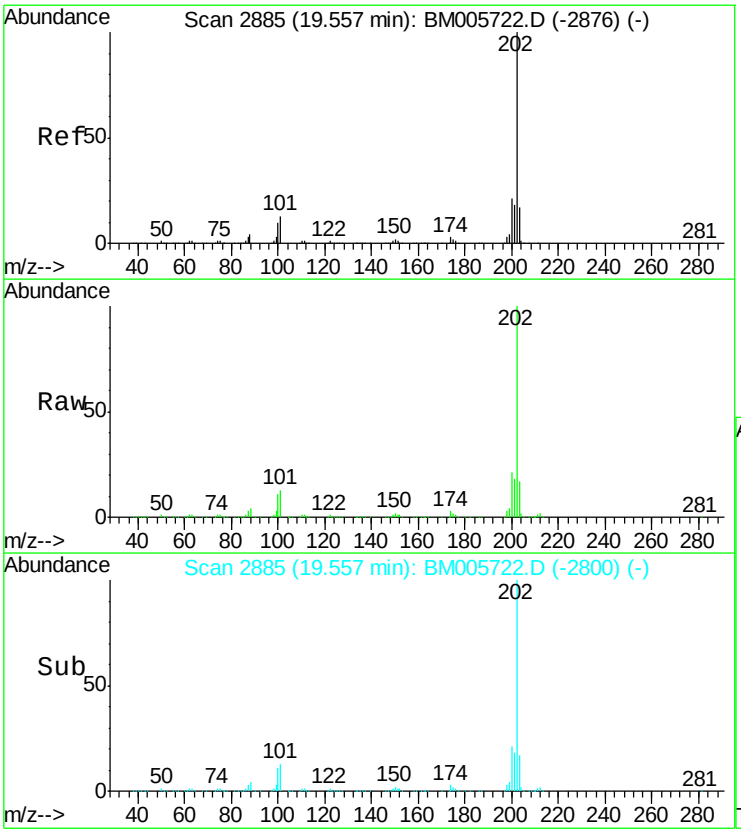
#28
Fluoranthene
Concen: 22.52 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:202 Resp: 769135

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
100	8.6	6.9	10.3

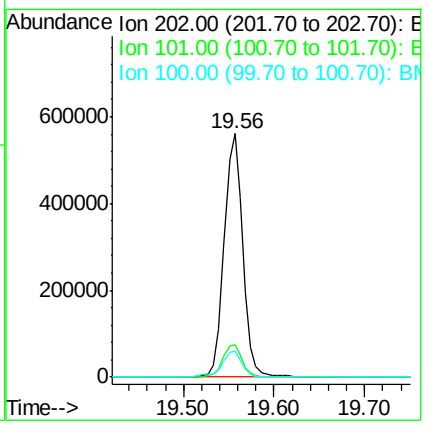


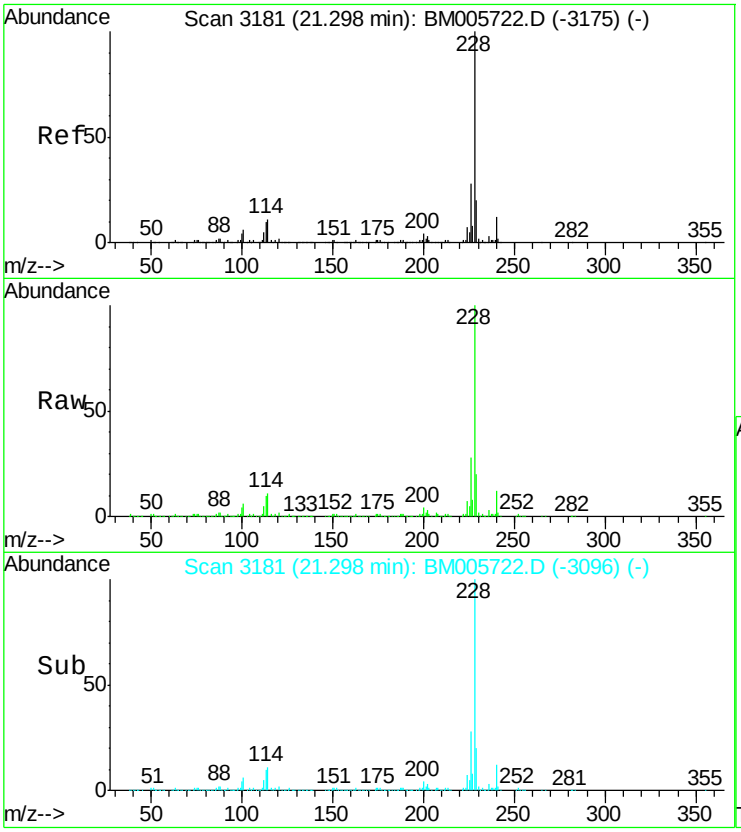


#31
Pyrene
Concen: 19.14 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:202 Resp: 797544

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.5	8.4	12.6



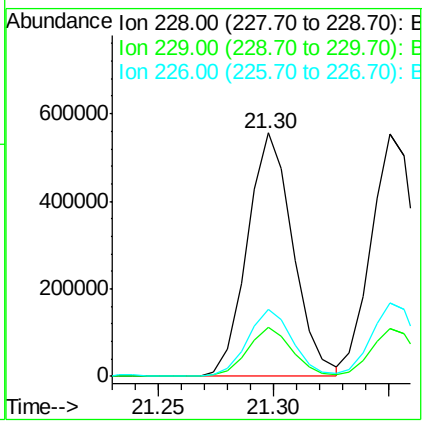


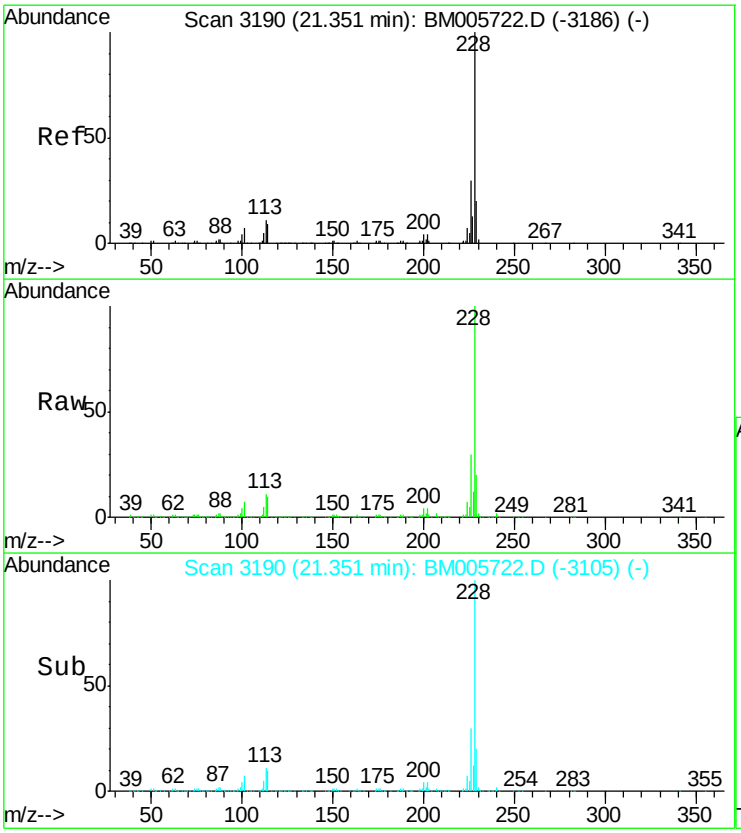
#32
Benzo(a)anthracene
Concen: 19.71 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:228 Resp: 766185

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.1	24.1
226	27.6	22.1	33.1

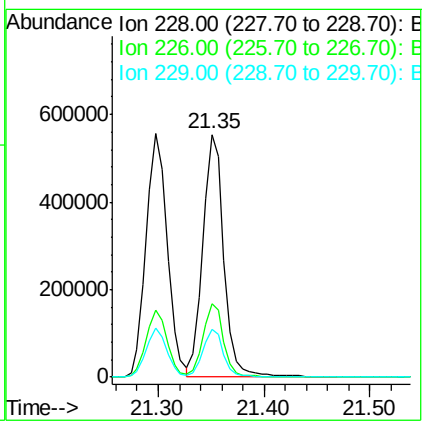


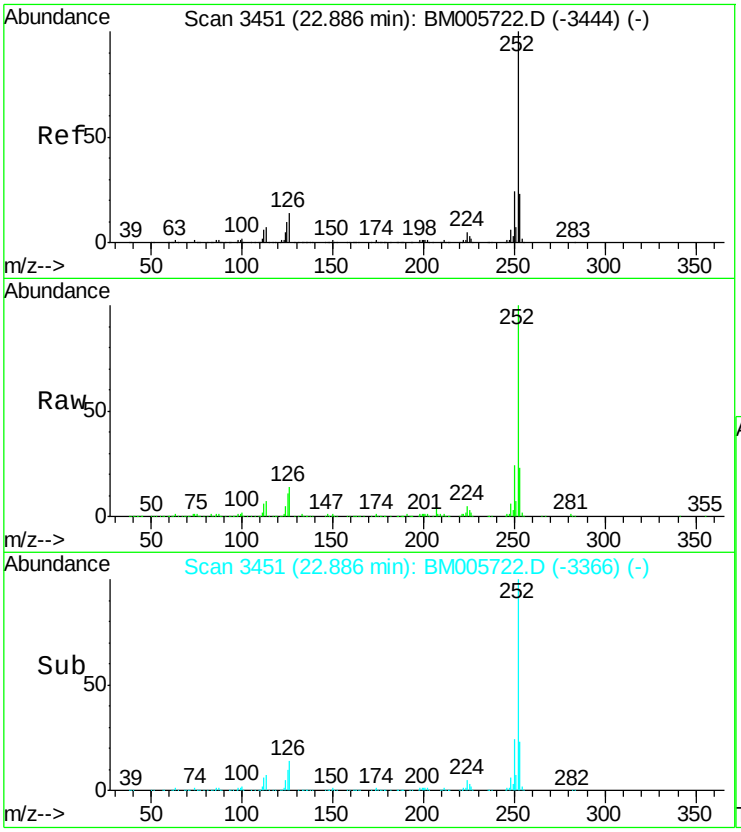


#33
Chrysene
Concen: 20.53 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:228 Resp: 764935

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.8



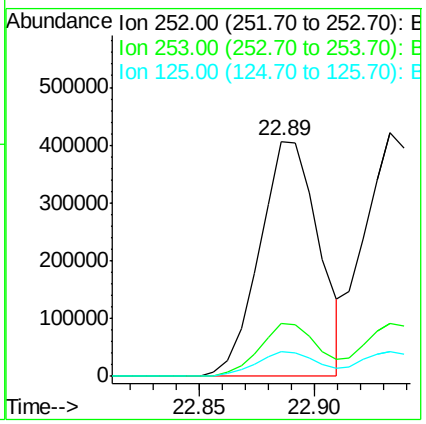


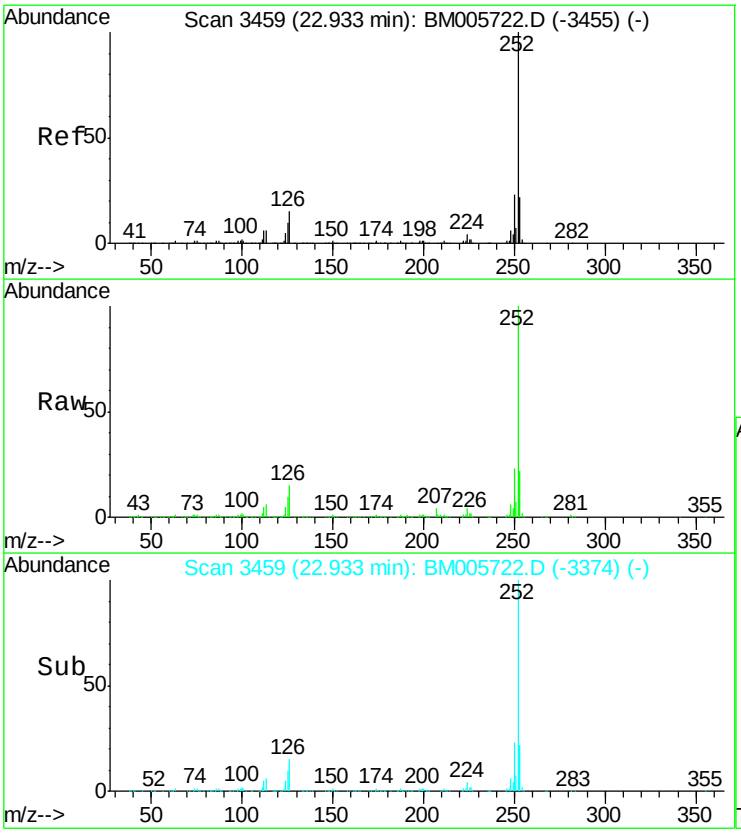
#35
Benzo(b)fluoranthene
Concen: 19.33 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:252 Resp: 727010

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.5	8.4	12.6

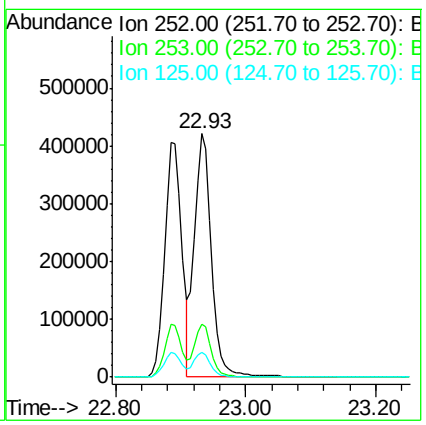


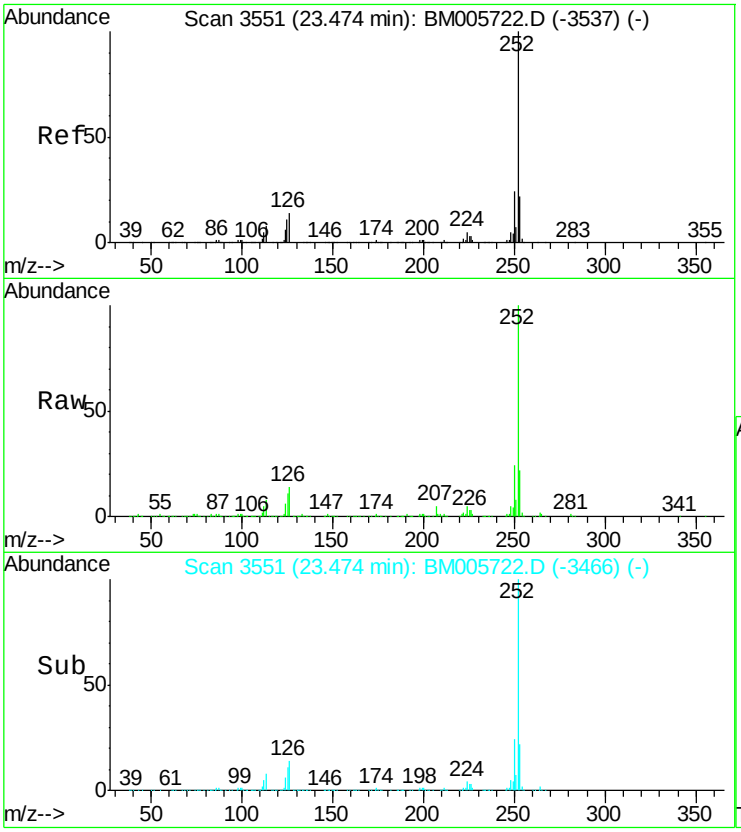


#36
Benzo(k)fluoranthene
Concen: 21.23 ng/ul
RT: 22.93 min Scan# 3459
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:252 Resp: 762510

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.2	8.2	12.2



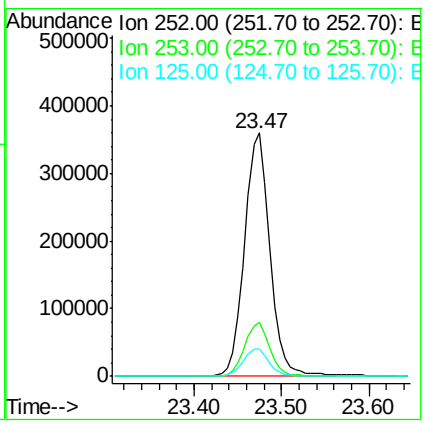


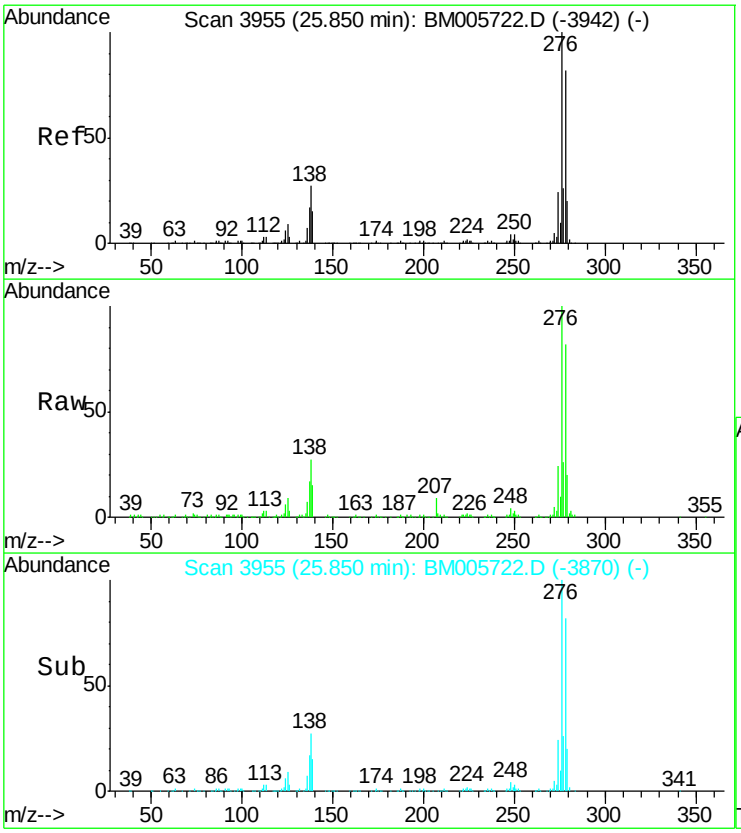
#38
Benzo(a)pyrene
Concen: 19.48 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:252 Resp: 703265

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.4	9.1	13.7

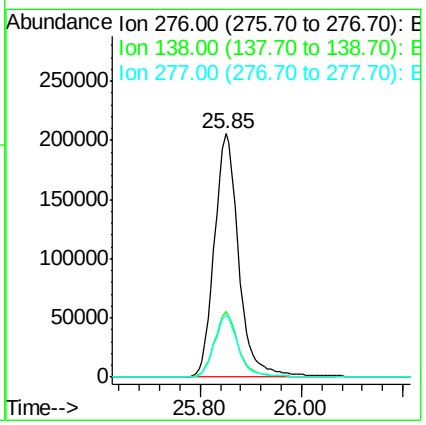


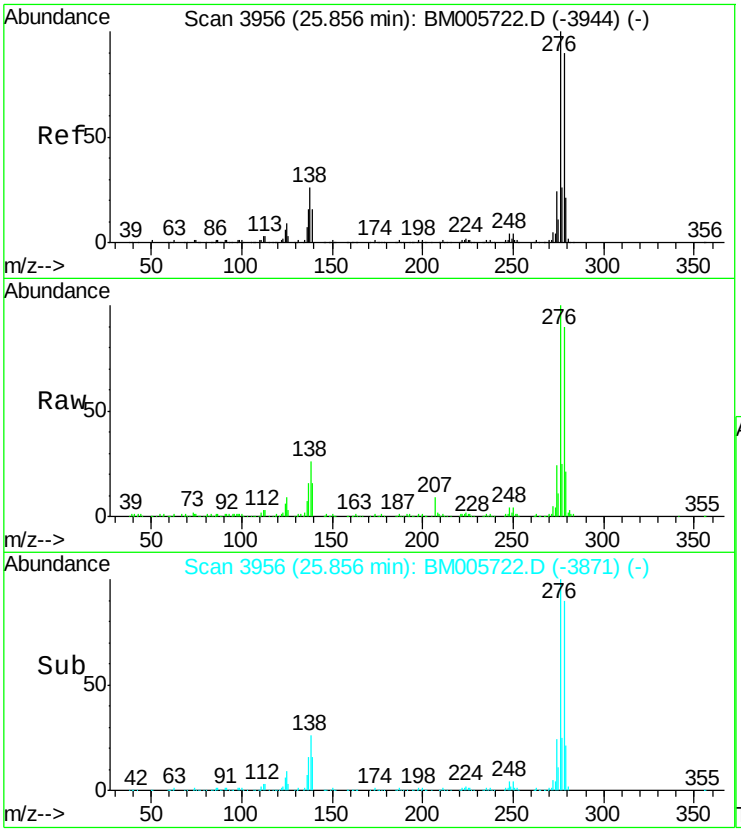


#39
Indeno(1,2,3-cd)pyrene
Concen: 16.66 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:276 Resp: 687220

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.4	32.2
277	25.6	20.5	30.7



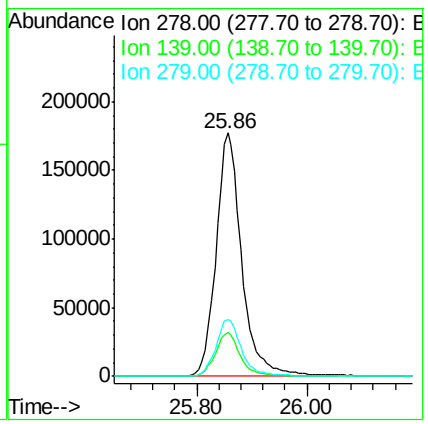


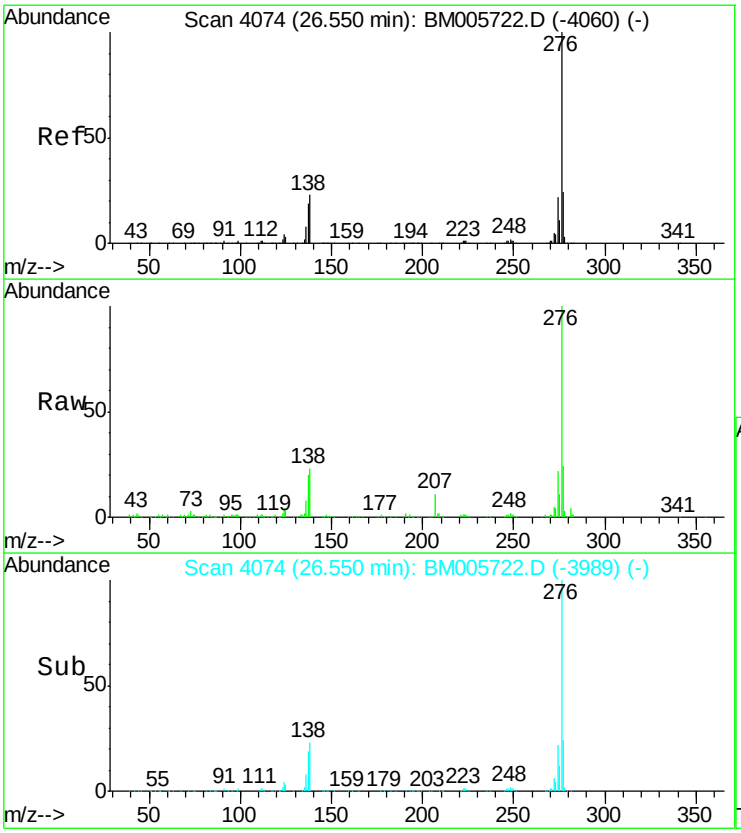
#40
Dibenzo(a,h)anthracene
Concen: 16.61 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Tgt Ion:278 Resp: 573527

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	23.5	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 16.15 ng/ul
RT: 26.55 min Scan# 4074
Delta R.T. 0.00 min
Lab File: BM005722.D
Acq: 11 Jun 2016 02:28

Tgt Ion:276 Resp: 558311

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.2	27.4
277	24.4	19.5	29.3