Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM113017\
Data File : BM013156.D
Acq On : 30 Nov 2017 14:04
Operator : SJ/JU
Sample : I6549-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41R1

Quant Time: Dec 05 13:17:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	182049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	796063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	500258	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1236797	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1471715	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1335866	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	13082	3.56	ng/uL	0.00
5) Phenol-d5	6.88	99	278277	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	175395	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	229730	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	244346	18.16	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	131003	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	140112	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	264232	18.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	320082	25.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	971568	21.82	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1133342	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	128940	16.67	ng/ul	0.00
57) Fluorene-d10	15.34	176	841263	21.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	137169	17.63	ng/ul	0.00
70) Anthracene-d10	17.19	188	1349973	21.79	ng/ul	0.00
76) Pyrene-d10	19.49	212	1546535	21.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1469053	21.59	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	27757	1.783	ng/ul	89
44) Dimethylphthalate	13.80	163	101321	2.380	ng/ul	99
69) Phenanthrene	17.13	178	124029	1.765	ng/ul	98
74) Fluoranthene	19.15	202	244991	2.845	ng/ul#	98
77) Pyrene	19.51	202	219887	2.459	ng/ul#	90
80) Benzo(a)anthracene	21.26	228	131271	1.406	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	58528	1.112	ng/ul	98
82) Chrysene	21.31	228	127325	1.470	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	173849	1.931	ng/ul#	97

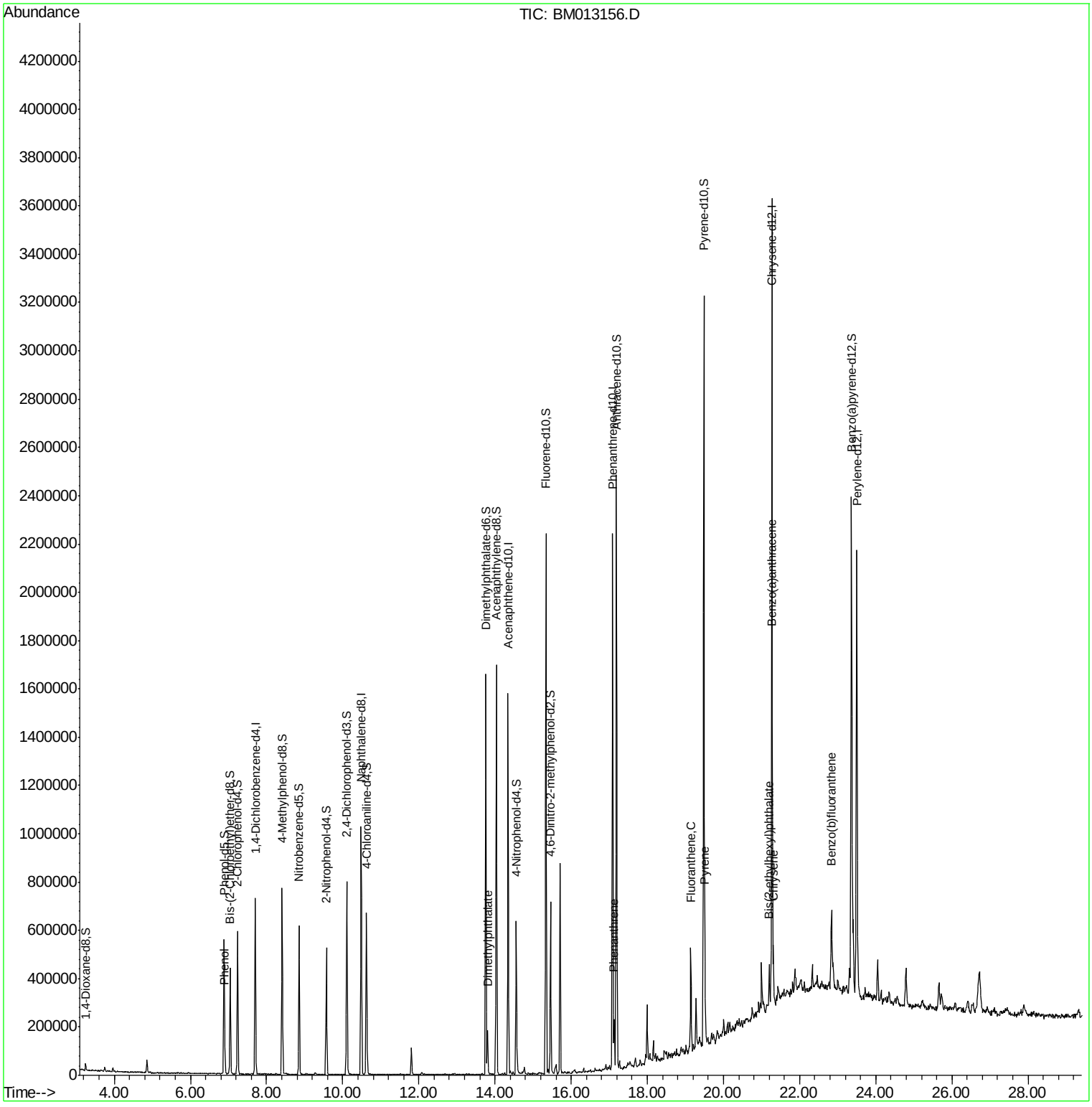
(#) = qualifier out of range (m) = manual integration (+) = signals summed

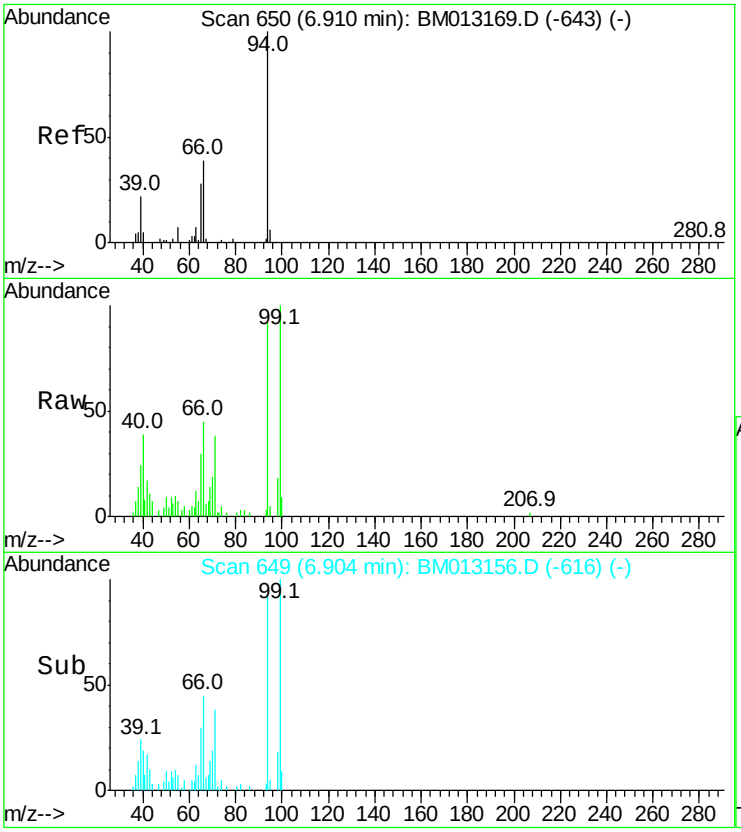
Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM113017\
Data File : BM013156.D
Acq On : 30 Nov 2017 14:04
Operator : SJ/JU
Sample : I6549-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41R1

Quant Time: Dec 05 13:17:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration



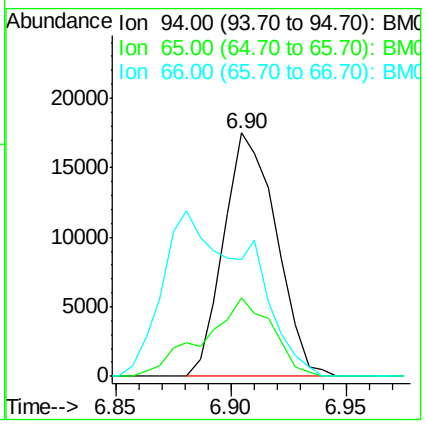


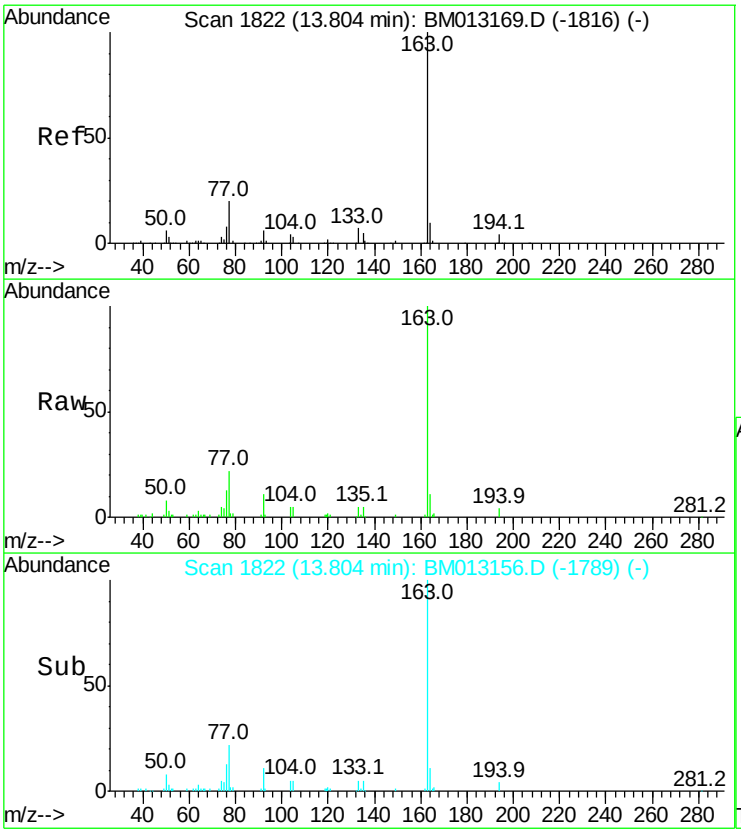
#6
Phenol
Concen: 1.783 ng/ul
RT: 6.90 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Instrument :
BNA_M
ClientSampleId :
A41R1

Tgt Ion: 94 Resp: 27757

Ion	Ratio	Lower	Upper
94	100		
65	32.0	28.2	42.4
66	48.2	47.2	70.8

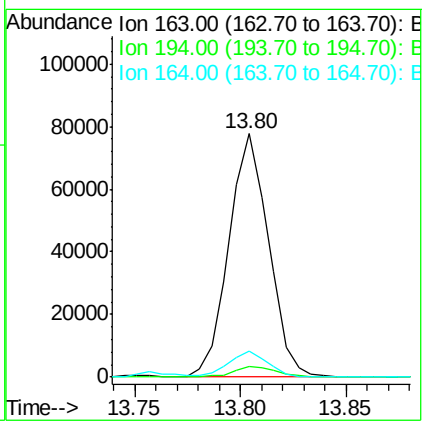


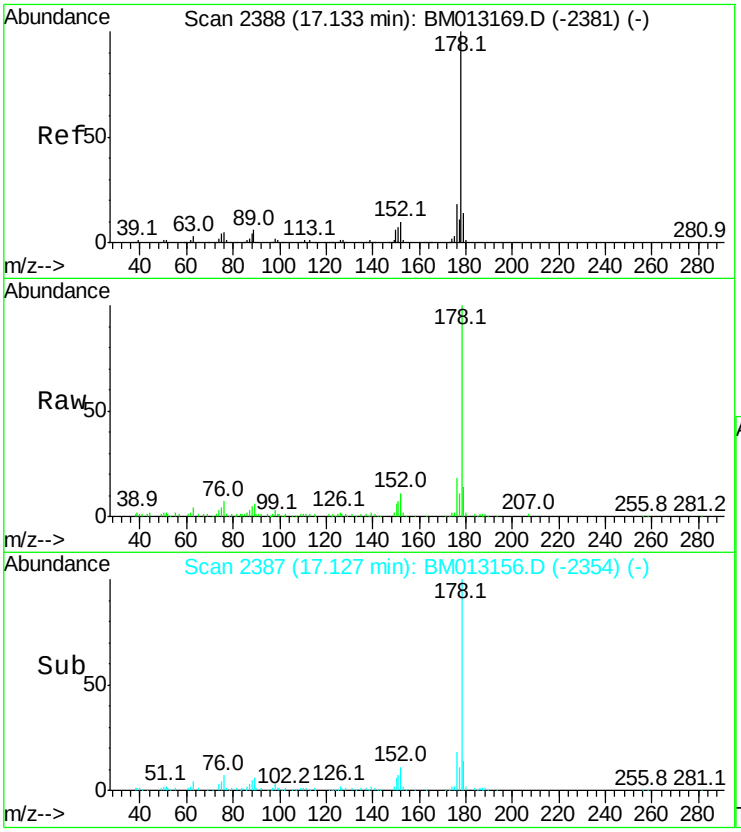


#44
Dimethylphthalate
Concen: 2.380 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Tgt Ion:163 Resp: 101321

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.9	8.2	12.4



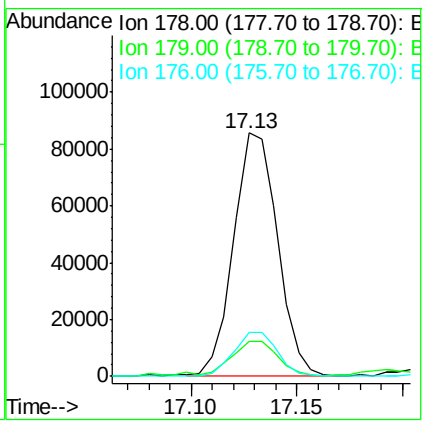


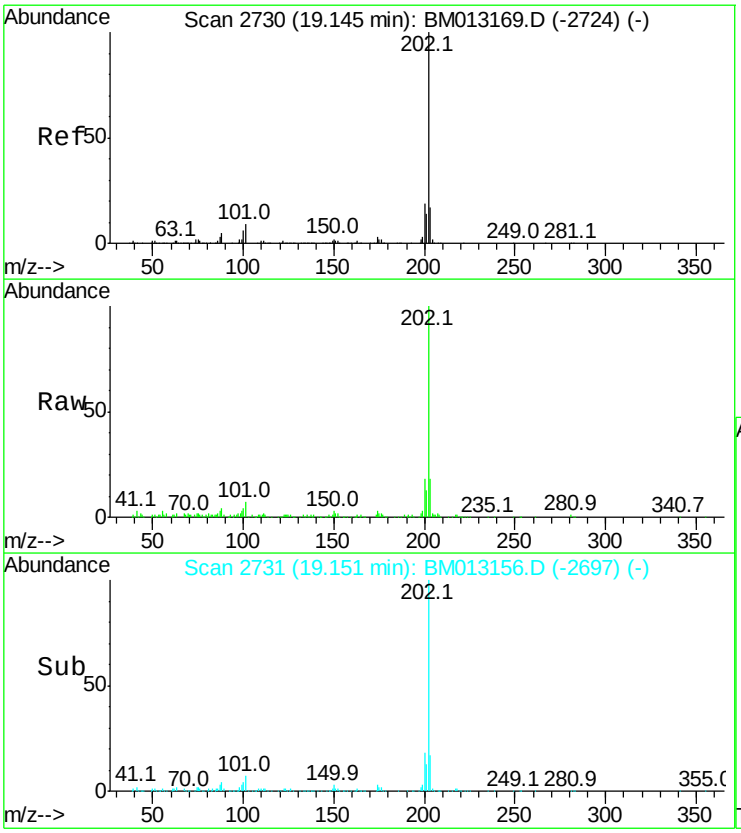
#69
Phenanthrene
Concen: 1.765 ng/ul
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Instrument :
BNA_M
ClientSampleId :
A41R1

Tgt Ion:178 Resp: 124029

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	18.2	14.9	22.3

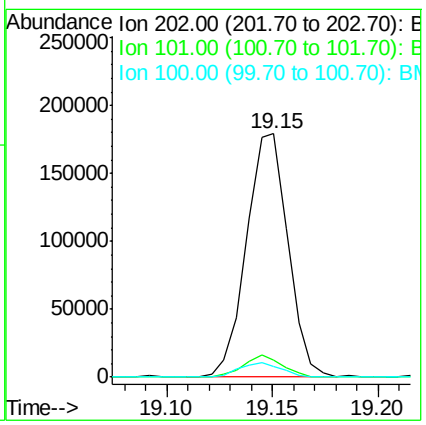


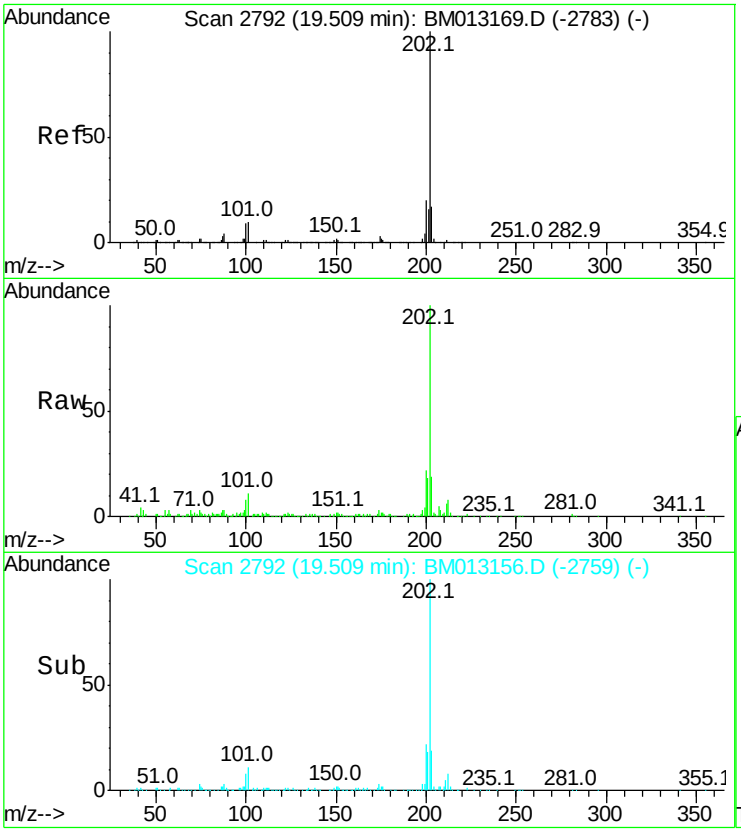


#74
Fluoranthene
Concen: 2.845 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Tgt Ion:202 Resp: 244991

Ion	Ratio	Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	4.3	3.4	5.2



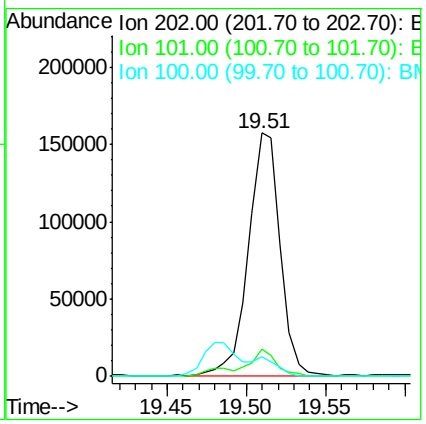


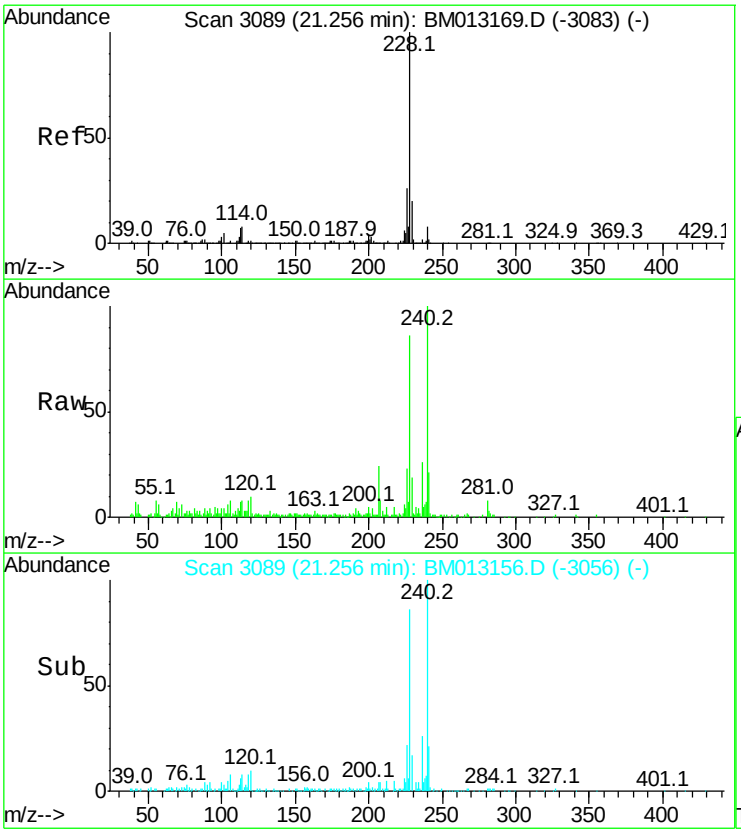
#77
Pyrene
Concen: 2.459 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Instrument :
BNA_M
ClientSampleId :
A41R1

Tgt Ion:202 Resp: 219887

Ion	Ratio	Lower	Upper
202	100		
101	11.3	5.1	7.7#
100	8.2	4.9	7.3#

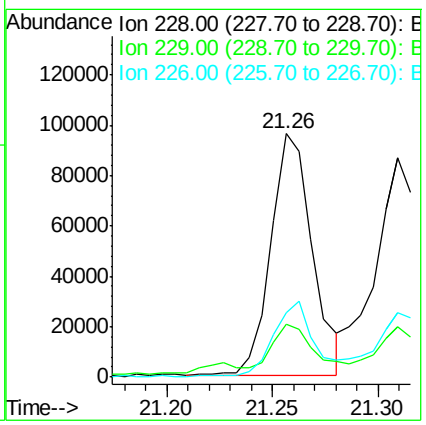


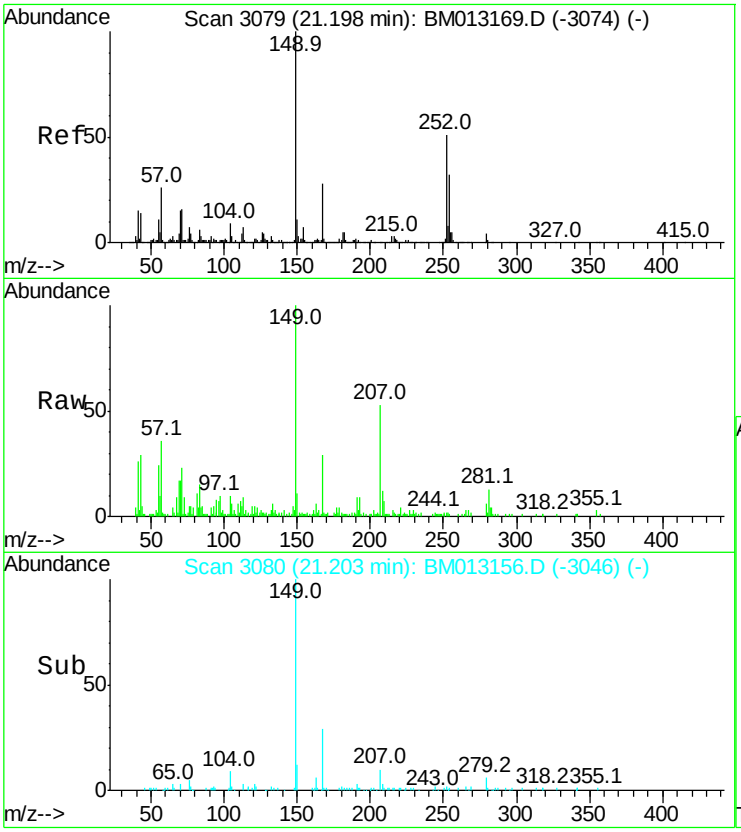


#80
Benzo(a)anthracene
Concen: 1.406 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Tgt Ion:228 Resp: 131271

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.4	23.0
226	26.6	21.4	32.0



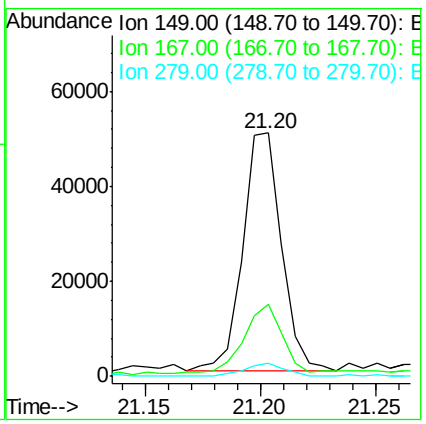


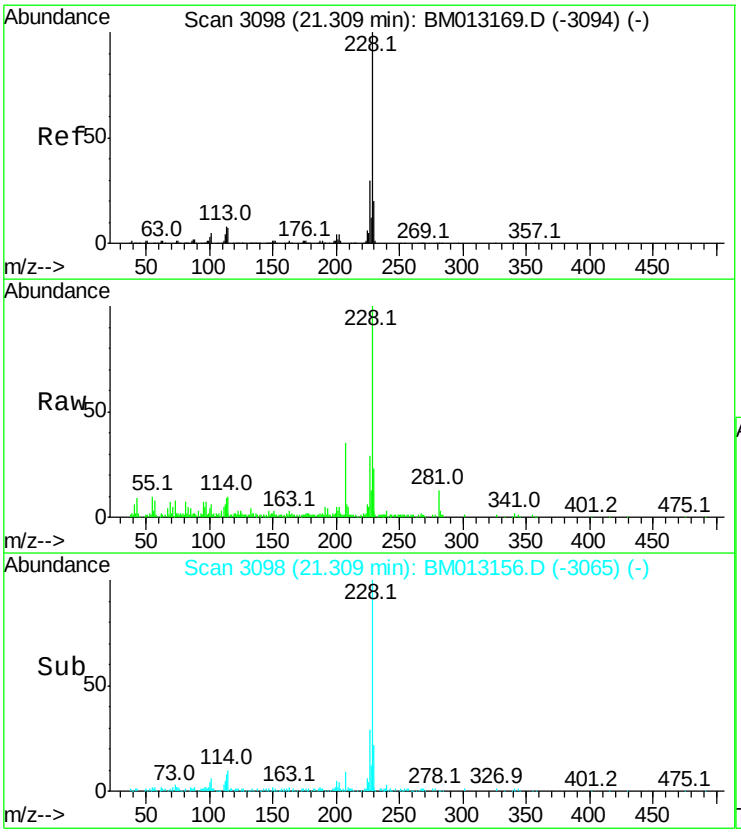
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.112 ng/ul
RT: 21.20 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Instrument :
BNA_M
ClientSampleId :
A41R1

Tgt Ion:149 Resp: 58528

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.8	34.2
279	5.6	4.9	7.3

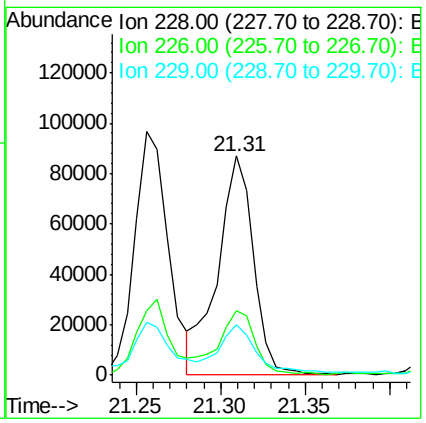


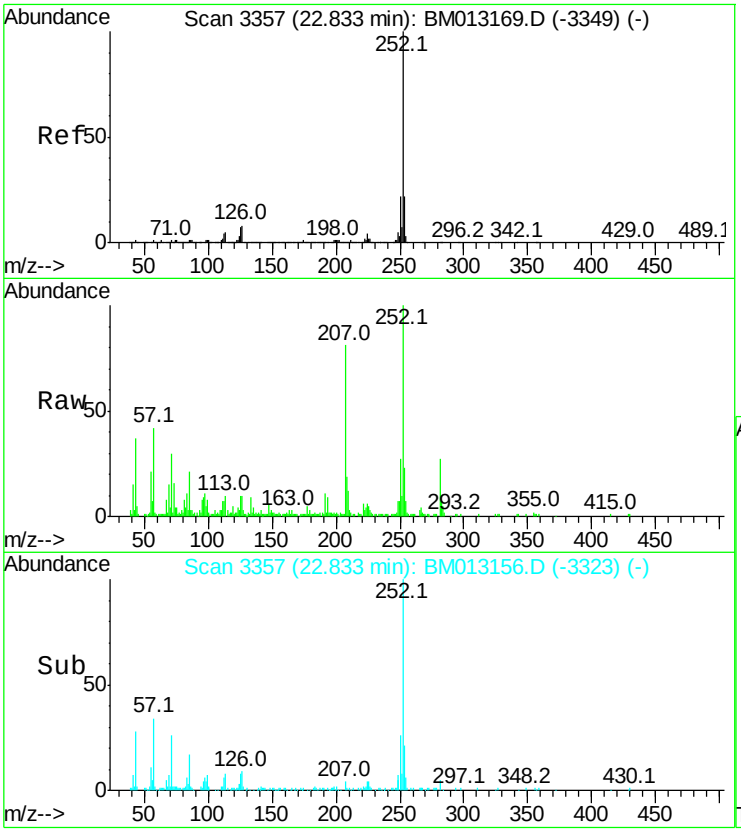


#82
Chrysene
Concen: 1.470 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Tgt Ion:228 Resp: 127325

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.9	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 1.931 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM013156.D
Acq: 30 Nov 2017 14:04

Instrument :
BNA_M
ClientSampleId :
A41R1

Tgt Ion:252 Resp: 173849

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.2	3.6	5.4#