Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012832.D
Acq On : 08 Nov 2017 21:43
Operator : SJ/JU
Sample : I5955-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-6

Quant Time: Nov 09 04:30:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	111815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	422541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	241535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	521313	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	592863	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	677628	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	17512	8.46	ng/uL	0.00
5) Phenol-d5	6.98	99	339381	40.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	192846	42.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	296794	42.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	236109	32.88	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	145020	46.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	160989	45.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	299140	40.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	268782	38.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	855752	42.81	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1052500	42.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	105636	32.98	ng/ul	0.01
57) Fluorene-d10	15.43	176	741445	43.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	56474	16.41	ng/ul	0.01
70) Anthracene-d10	17.29	188	1102812	43.78	ng/ul	0.00
78) Pyrene-d10	19.58	212	1263764	45.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1531357	47.79	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	30486	3.570	ng/ul	98
44) Dimethylphthalate	13.90	163	210981	10.637	ng/ul	99
76) Fluoranthene	19.24	202	86262	2.519	ng/ul#	94
79) Pyrene	19.61	202	97534	2.757	ng/ul#	94
80) Butylbenzylphthalate	20.50	149	105772	8.200	ng/ul	96
82) Benzo(a)anthracene	21.35	228	74912	2.088	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	1097616	58.410	ng/ul#	95
84) Chrysene	21.40	228	72382	2.226	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	112163	2.709	ng/ul#	85
90) Benzo(a)pyrene	23.55	252	85661	2.174	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.96	276	61925	1.304	ng/ul#	87
93) Benzo(g,h,i)perylene	26.67	276	64224	1.641	ng/ul#	89

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

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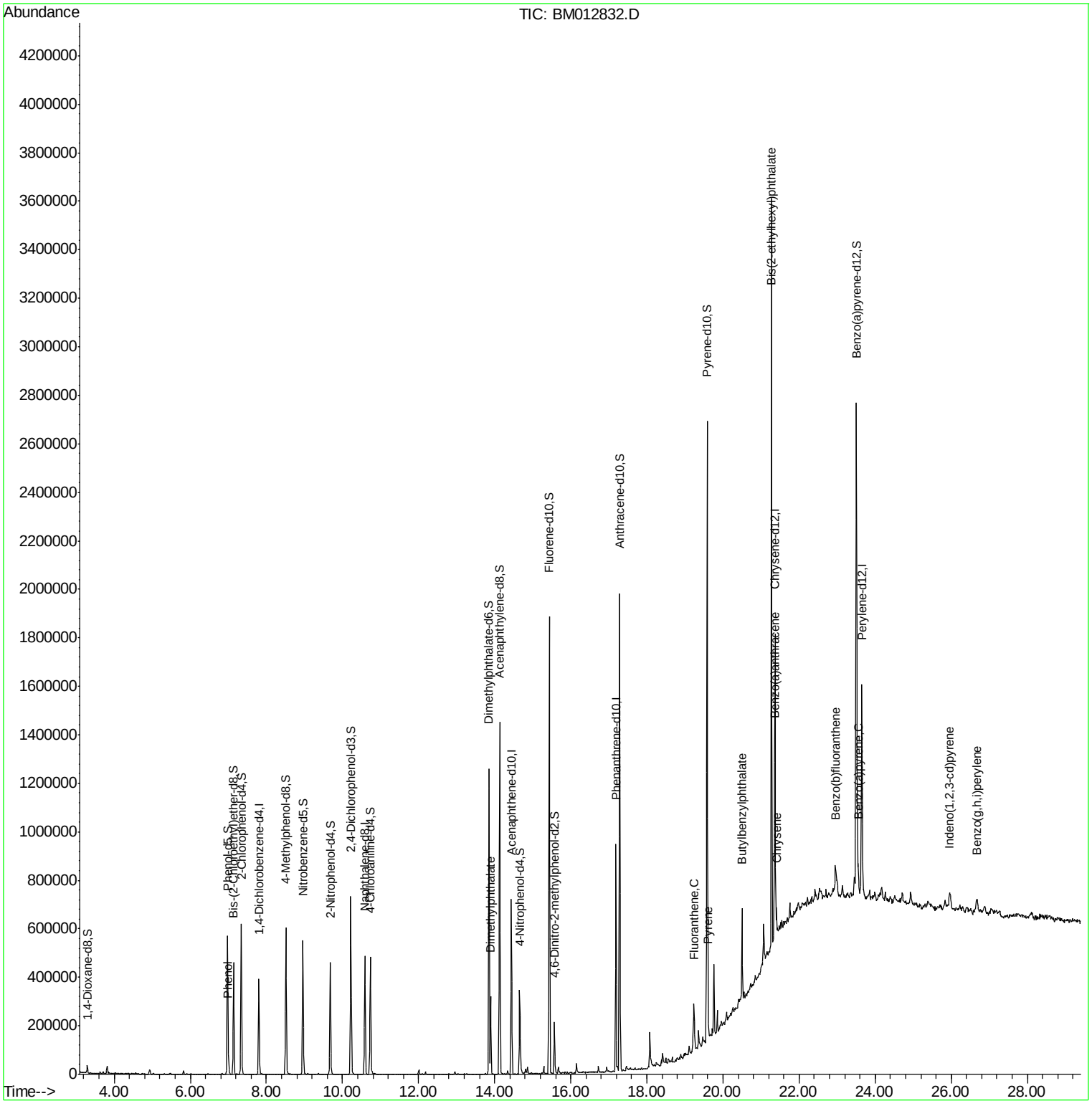
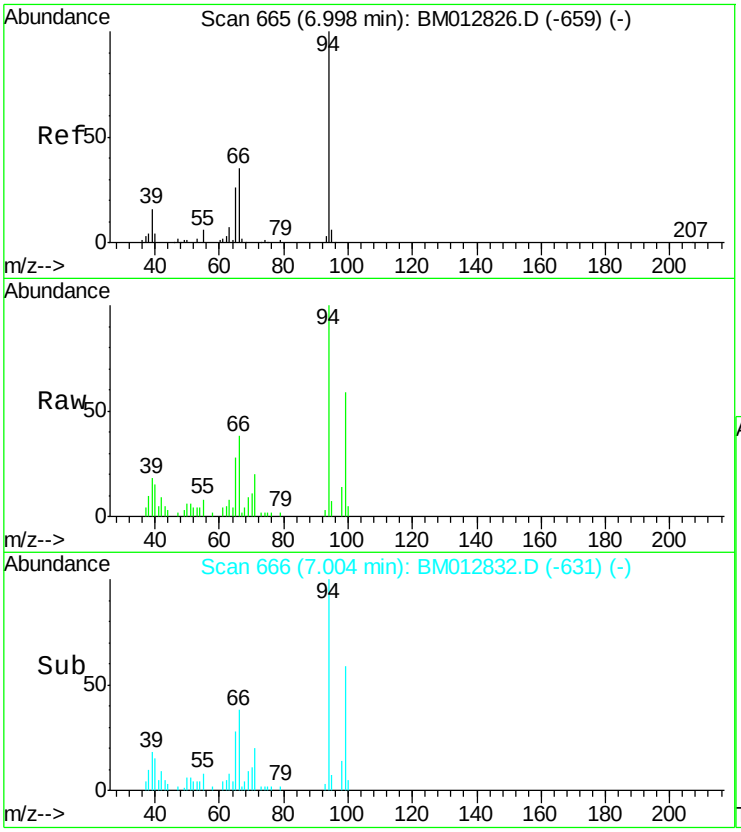


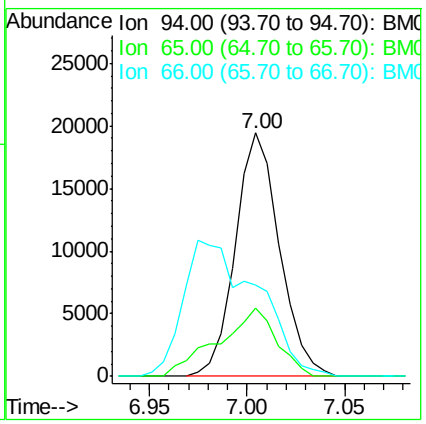


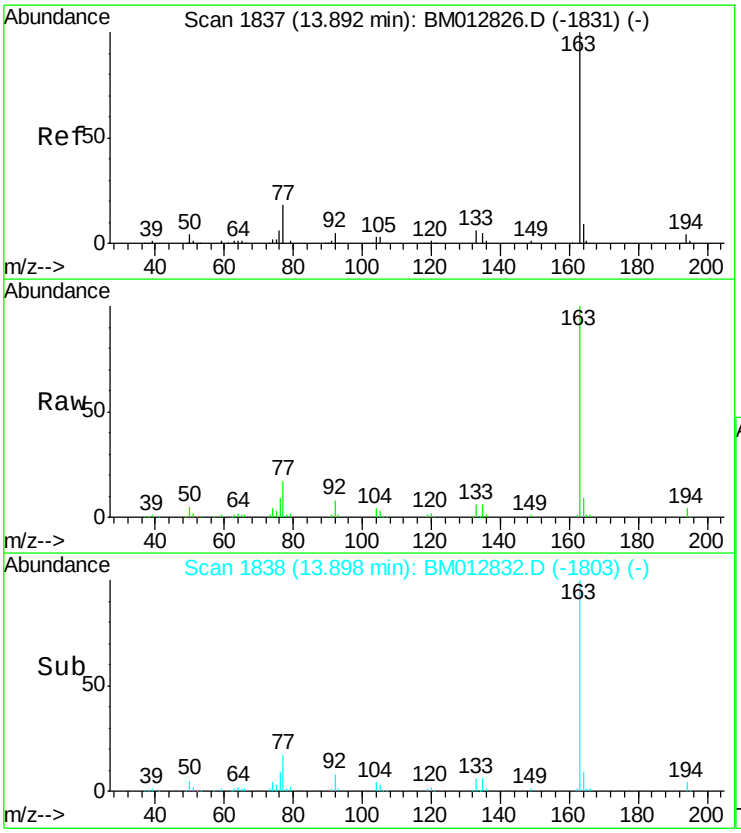
#6
Phenol
Concen: 3.570 ng/ul
RT: 7.00 min Scan# 666
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tgt Ion: 94 Resp: 30486

Ion	Ratio	Lower	Upper
94	100		
65	27.8	21.0	31.6
66	37.7	29.3	43.9

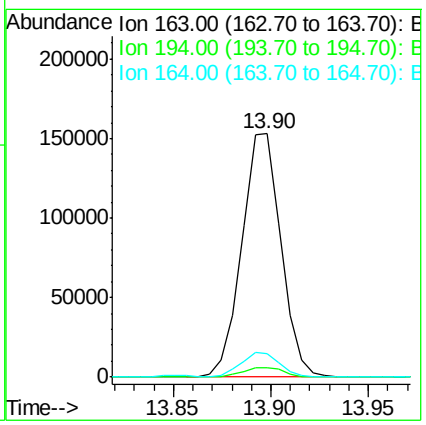


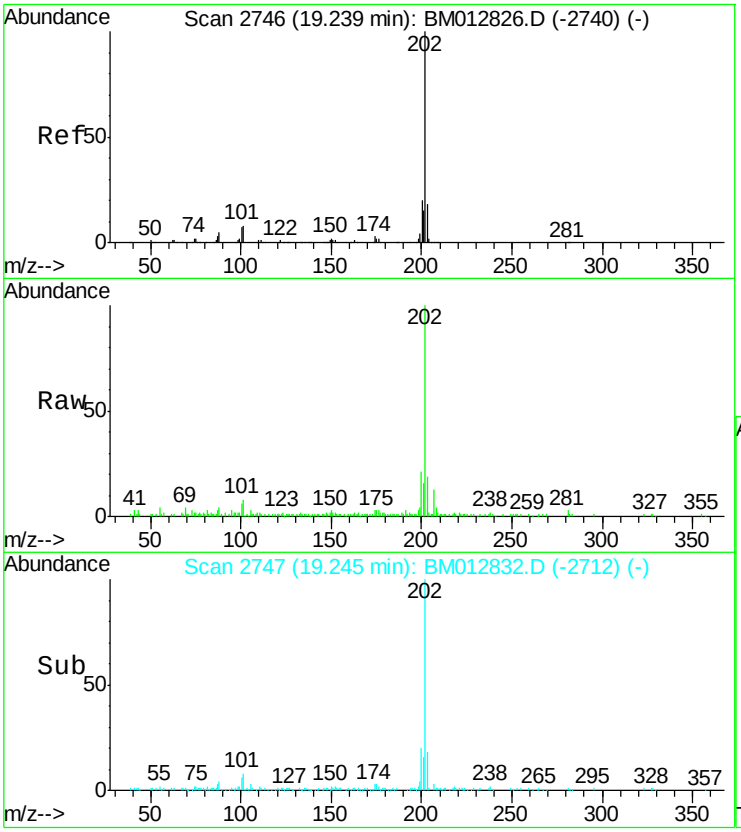


#44
Dimethylphthalate
Concen: 10.637 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion:163 Resp: 210981

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.4	7.8	11.8



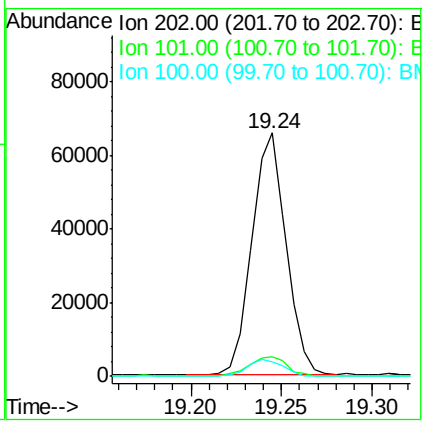


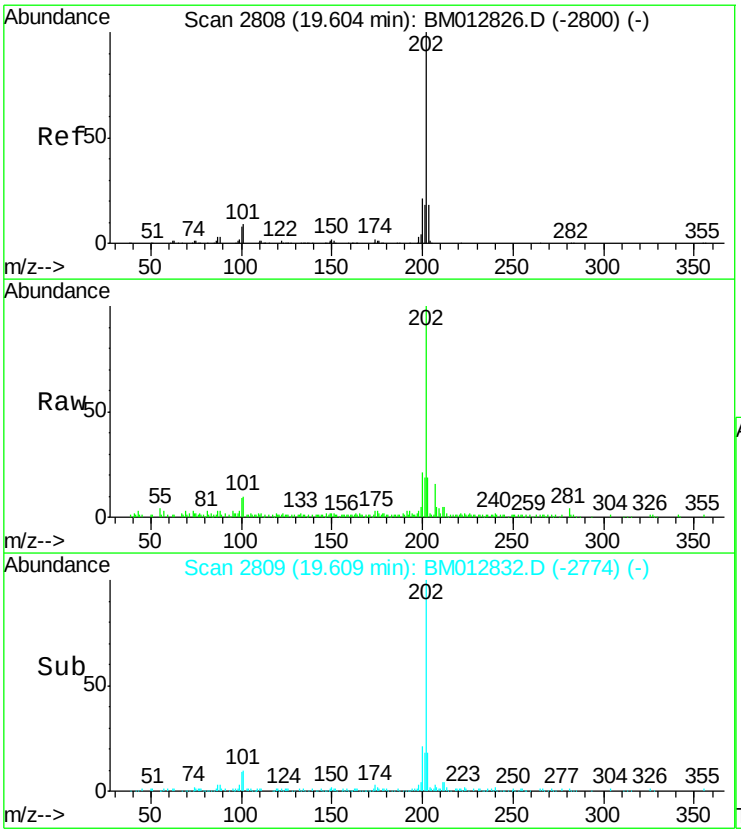
#76
Fluoranthene
Concen: 2.519 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tgt Ion:202 Resp: 86262

Ion	Ratio	Lower	Upper
202	100		
101	8.3	8.8	13.2#
100	6.2	6.6	9.8#

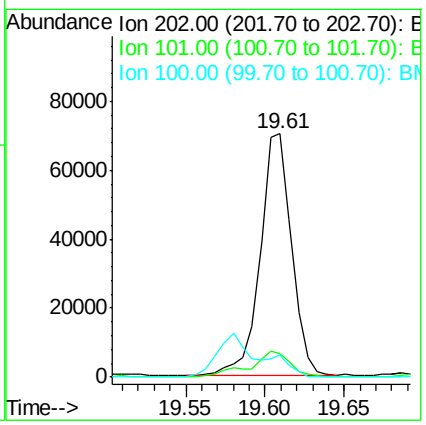


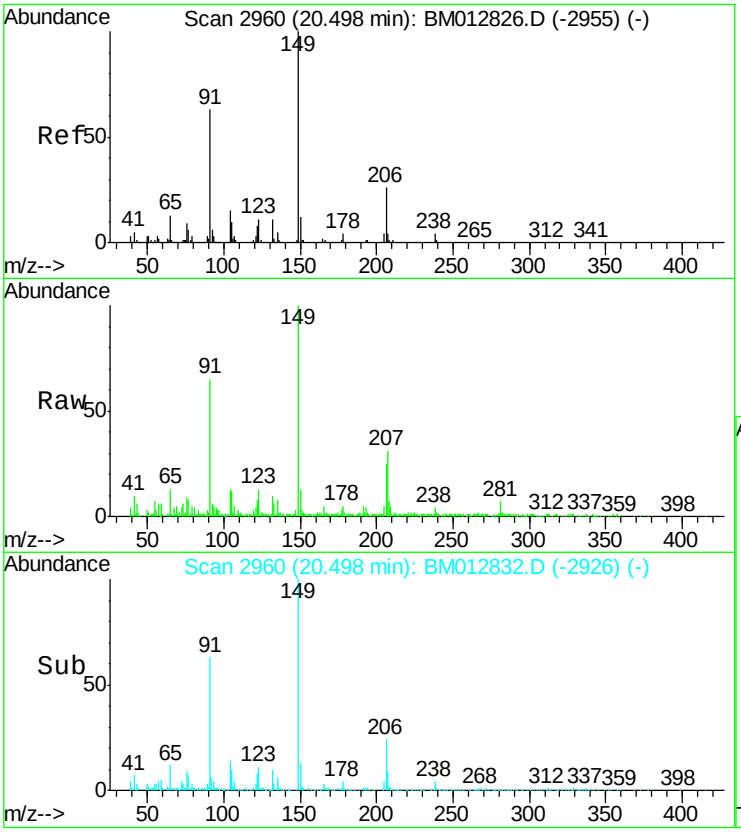


#79
Pyrene
Concen: 2.757 ng/ul
RT: 19.61 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion:202 Resp: 97534

Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.2	15.2#
100	8.9	8.5	12.7



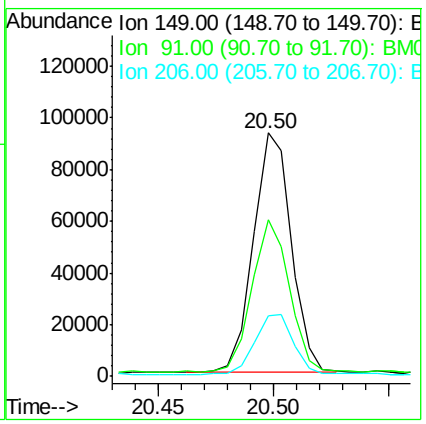


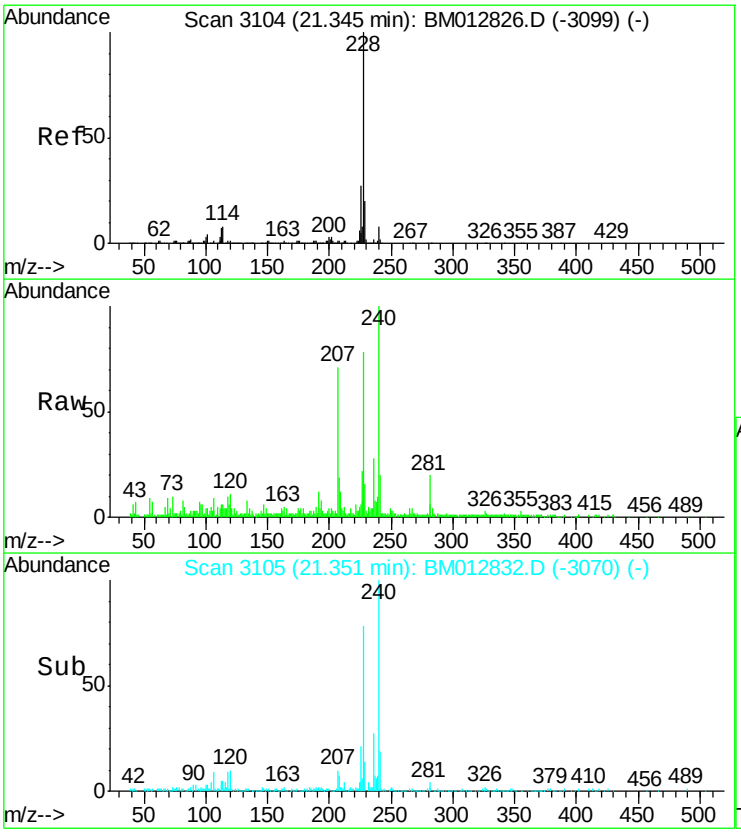
#80
Butylbenzylphthalate
Concen: 8.200 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tgt Ion:149 Resp: 105772

Ion	Ratio	Lower	Upper
149	100		
91	64.5	53.4	80.2
206	24.7	16.6	24.8

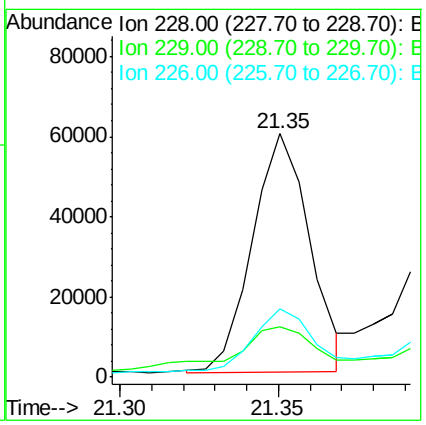


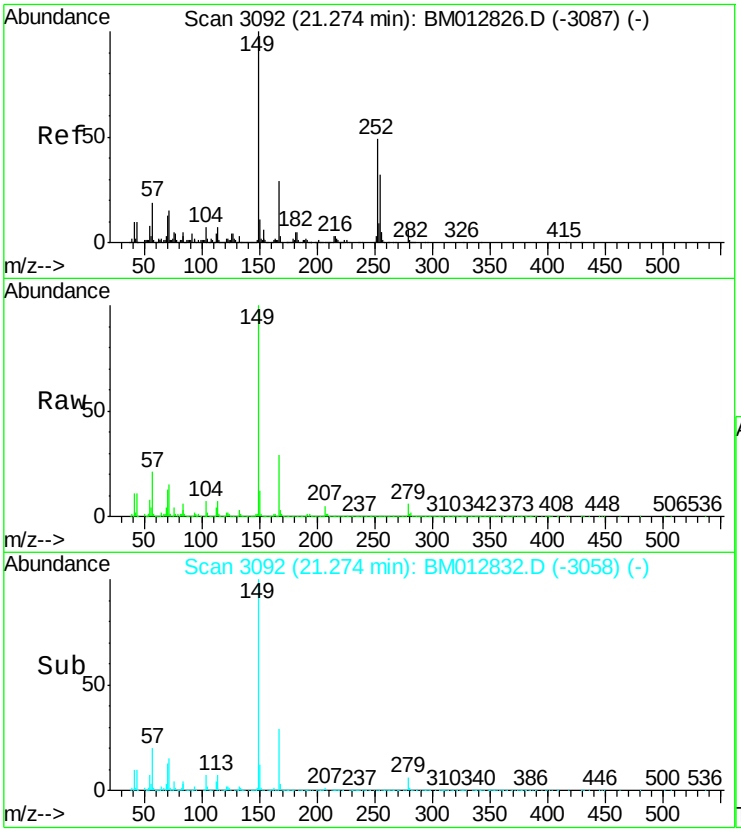


#82
Benzo(a)anthracene
Concen: 2.088 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion:228 Resp: 74912

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.9	21.8	32.6



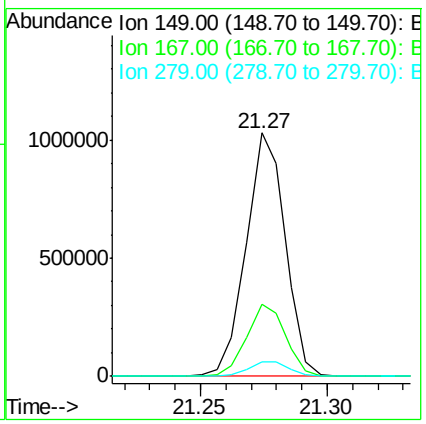


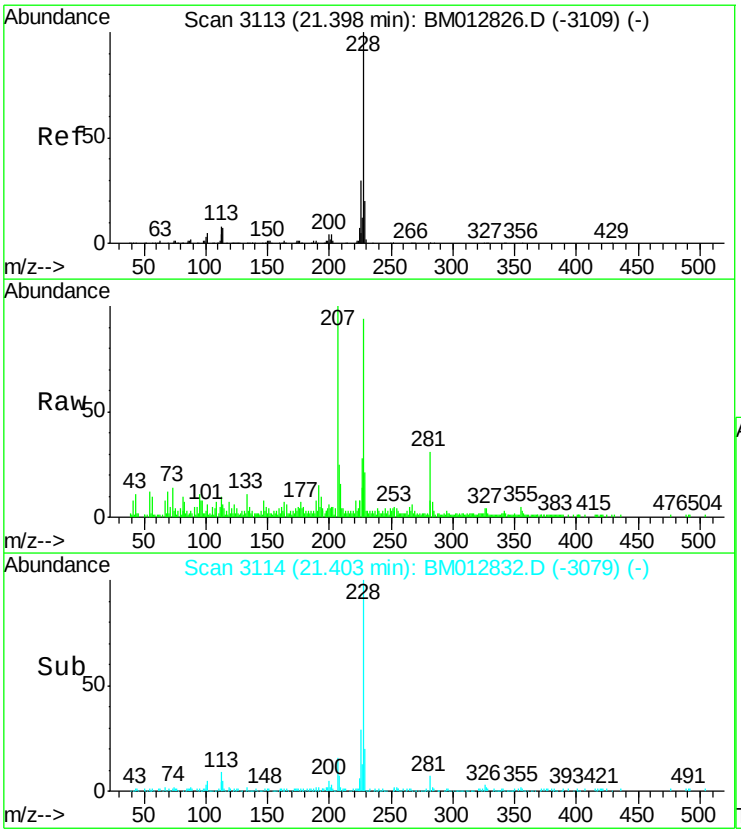
#83
Bis(2-ethylhexyl)phthalate
Concen: 58.410 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tgt Ion:149 Resp: 1097616

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.6	32.4
279	5.8	3.0	4.4#

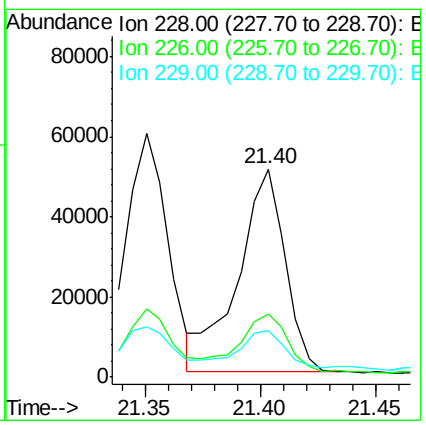


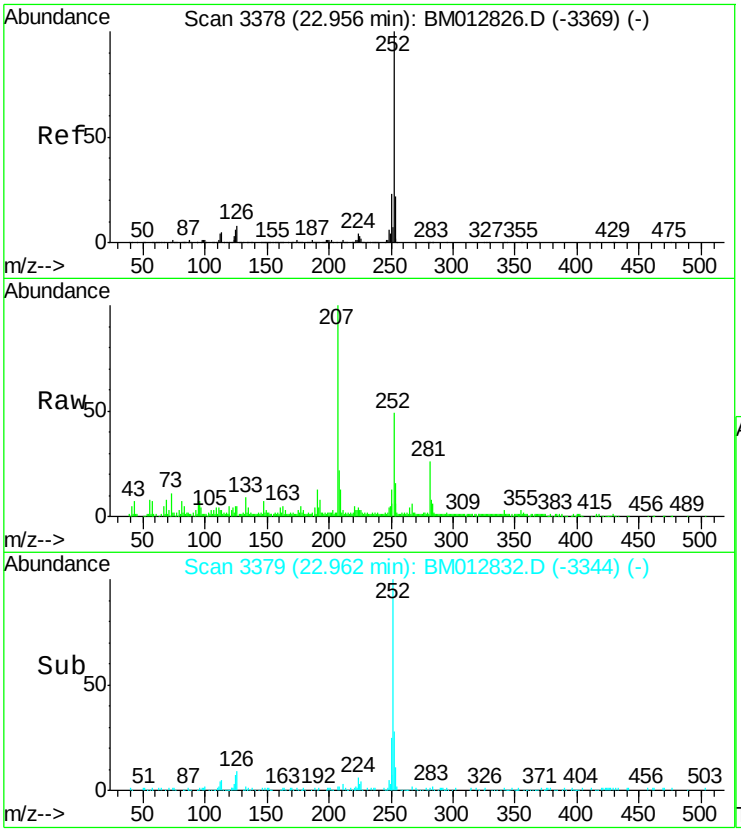


#84
Chrysene
Concen: 2.226 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion:228 Resp: 72382

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	22.5	15.6	23.4



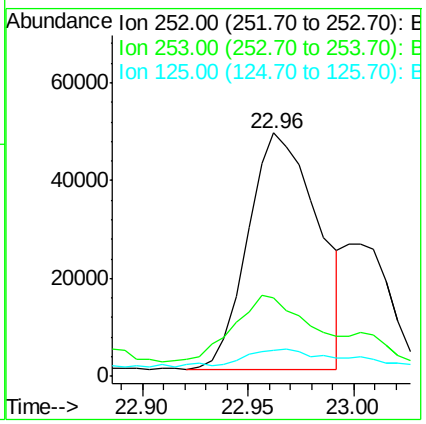


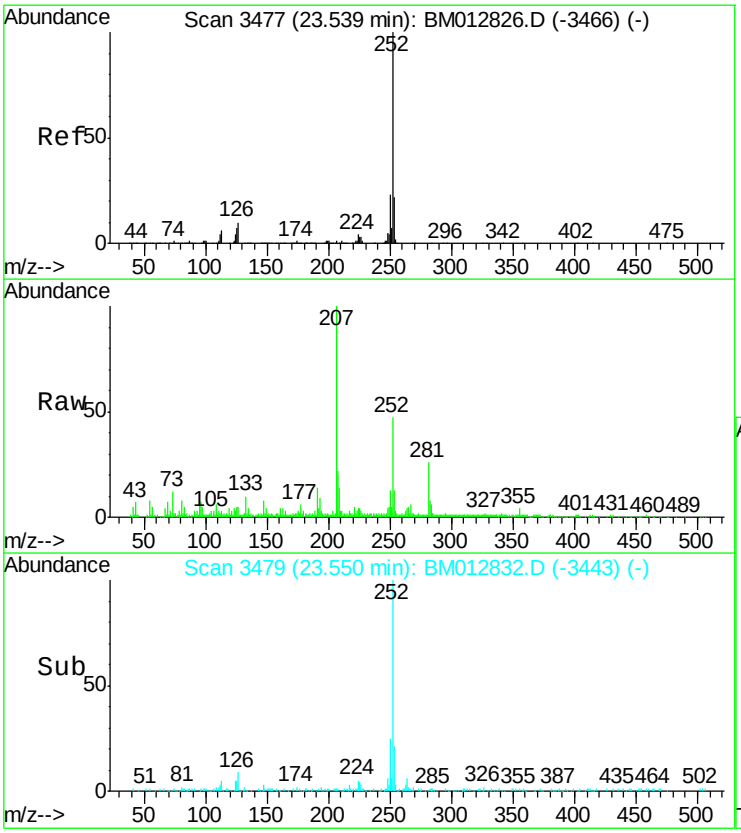
#87
Benzo(b)fluoranthene
Concen: 2.709 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tgt Ion:252 Resp: 112163

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.5	26.3#
125	10.8	8.5	12.7

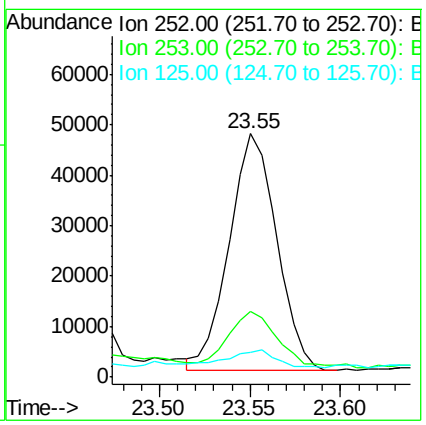


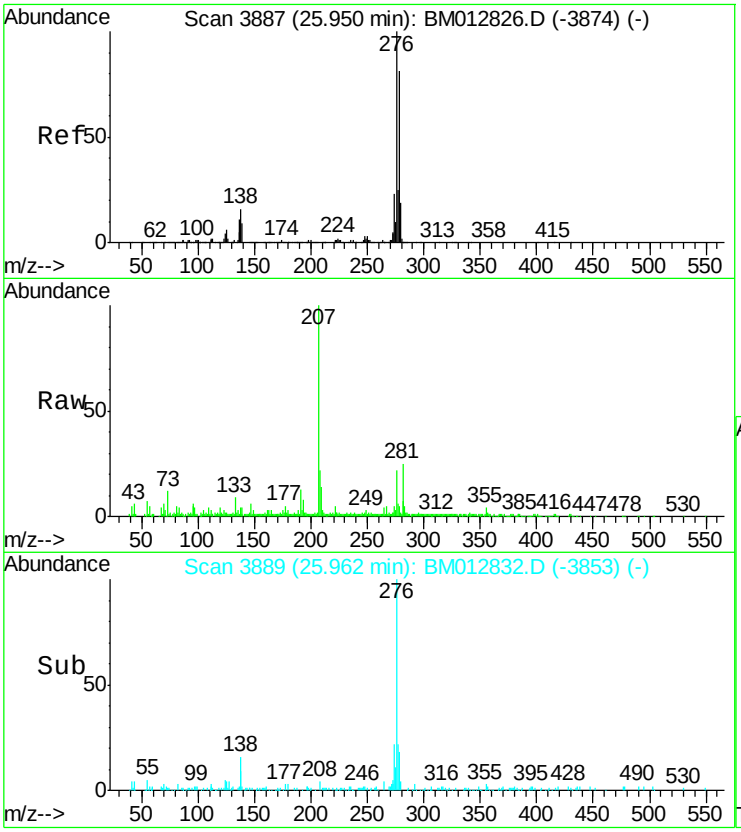


#90
Benzo(a)pyrene
Concen: 2.174 ng/ul
RT: 23.55 min Scan# 3479
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion:252 Resp: 85661

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8#
125	10.3	9.0	13.6



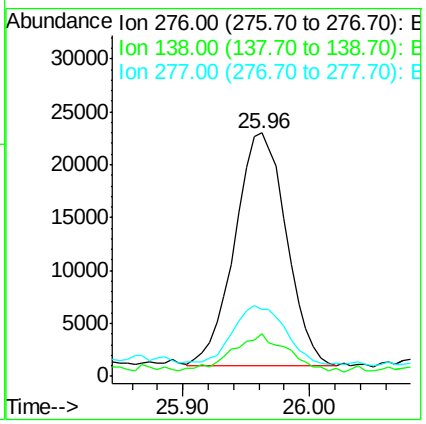


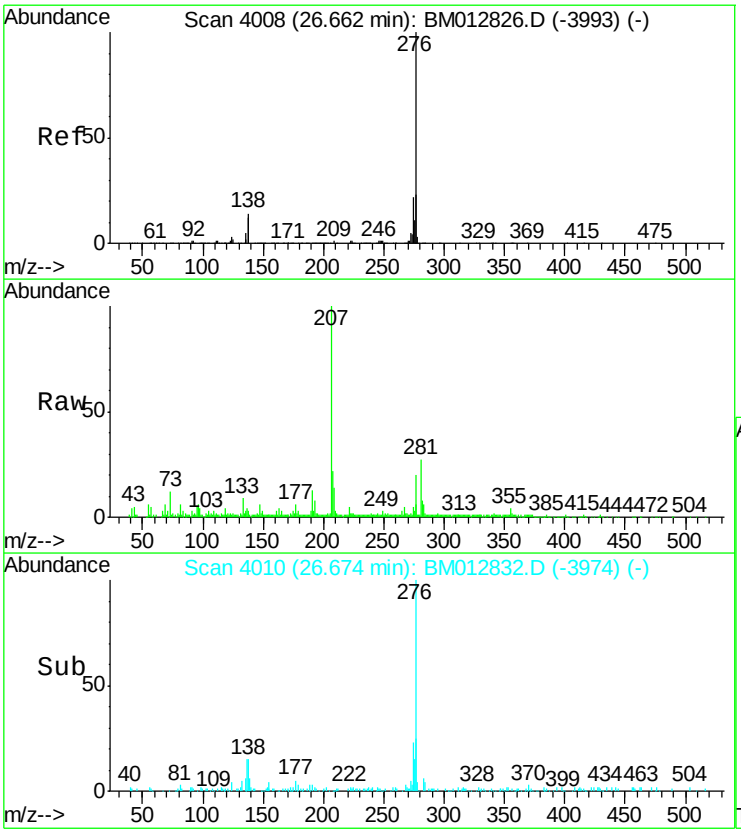
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.304 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tgt Ion:276 Resp: 61925

Ion	Ratio	Lower	Upper
276	100		
138	17.5	22.3	33.5#
277	27.5	20.2	30.2





#93
Benzo(g,h,i)perylene
Concen: 1.641 ng/ul
RT: 26.67 min Scan# 4010
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion:276 Resp: 64224

Ion	Ratio	Lower	Upper
276	100		
138	16.9	18.9	28.3#
277	28.1	19.2	28.8