Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024043.D
Acq On : 11 Dec 2019 20:52
Operator : JU
Sample : K6088-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Time: Dec 12 03:57:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	387161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1665276	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	1053361	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2117579	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1579494	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1778074	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	29071	3.34	ng/uL	0.00
5) Phenol-d5	6.66	99	542898	16.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	350966	17.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	442489	16.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	423798	15.83	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	213692	16.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	236547	16.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	438958	15.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	446696	14.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1529456	18.69	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1754617	18.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	175108	12.73	ng/ul	0.00
58) Fluorene-d10	15.13	176	1301191	18.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	191971	14.44	ng/ul	0.00
71) Anthracene-d10	16.99	188	1938017	19.16	ng/ul	0.00
79) Pyrene-d10	19.29	212	2001196	24.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2019763	21.49	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.69	94	53174	1.523	ng/ul	94
45) Dimethylphthalate	13.60	163	478507	5.972	ng/ul	100
70) Phenanthrene	16.93	178	140491	1.174	ng/ul	99
77) Fluoranthene	18.96	202	236614	1.844	ng/ul	99
80) Pyrene	19.32	202	228811	2.150	ng/ul	98
83) Benzo(a)anthracene	21.08	228	176035	1.667	ng/ul	96
85) Chrysene	21.13	228	196007	1.977	ng/ul	96
88) Benzo(b)fluoranthene	22.60	252	306266	2.785	ng/ul#	94
91) Benzo(a)pyrene	23.14	252	183145	1.762	ng/ul#	93

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

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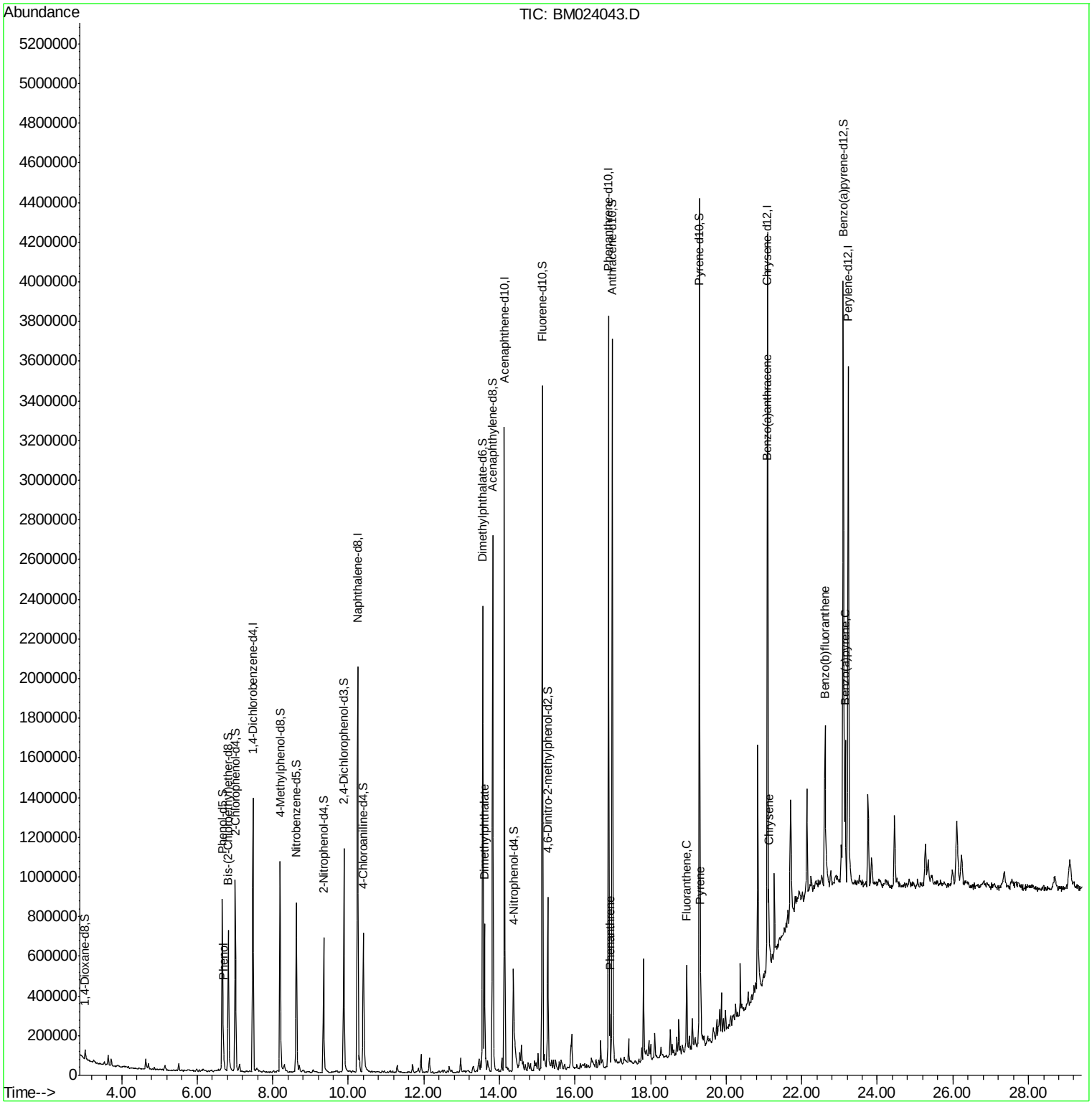
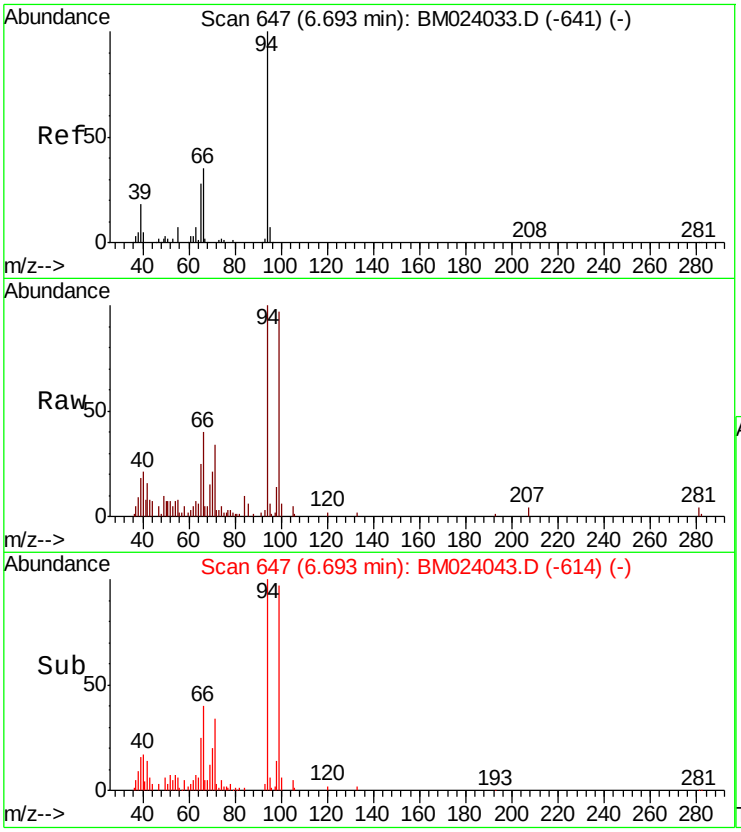


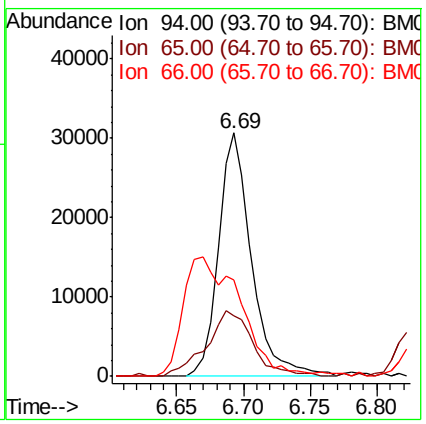


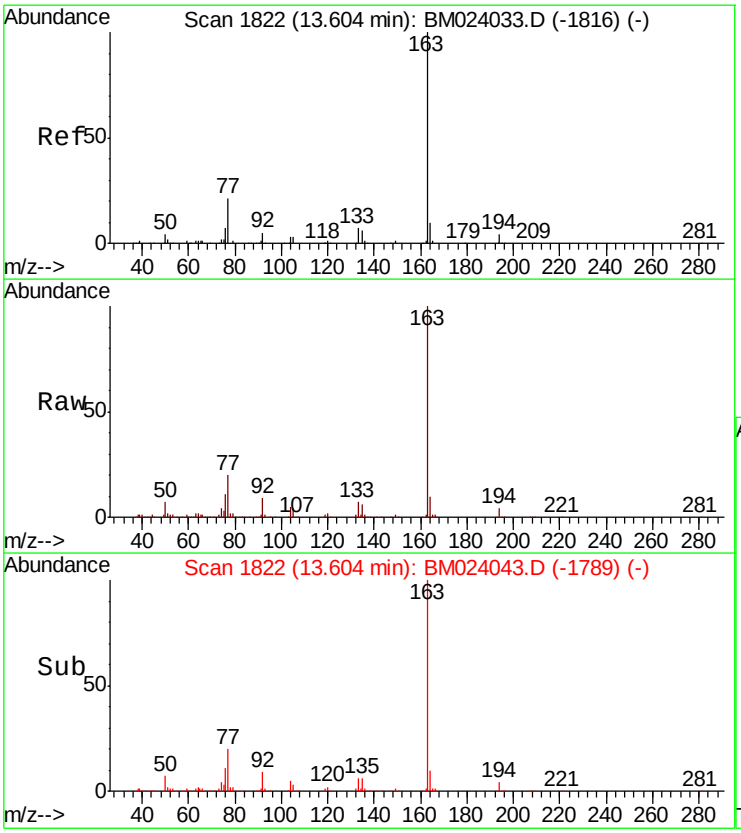
#6
Phenol
Concen: 1.523 ng/ul
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Instrument :
BNA_M
ClientSampleId :
C0BN2

Tgt Ion: 94 Resp: 53174

Ion	Ratio	Lower	Upper
94	100		
65	24.6	21.7	32.5
66	39.6	28.8	43.2

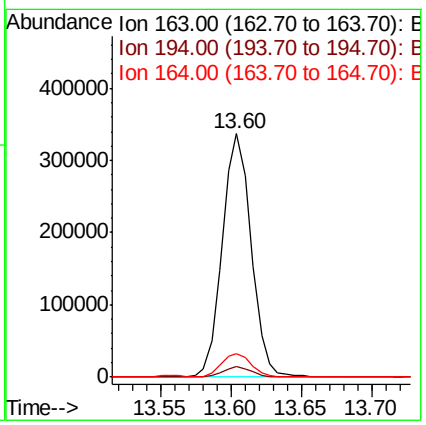


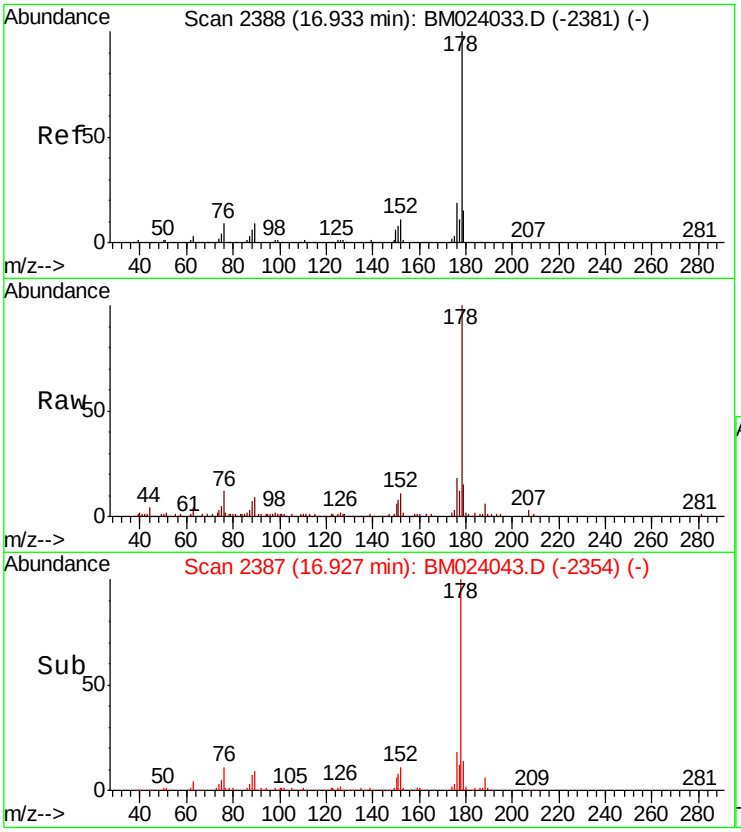


#45
Dimethylphthalate
Concen: 5.972 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Tgt Ion:163 Resp: 478507

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	7.9	11.9



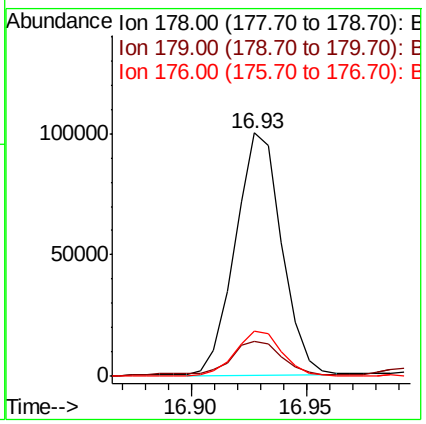


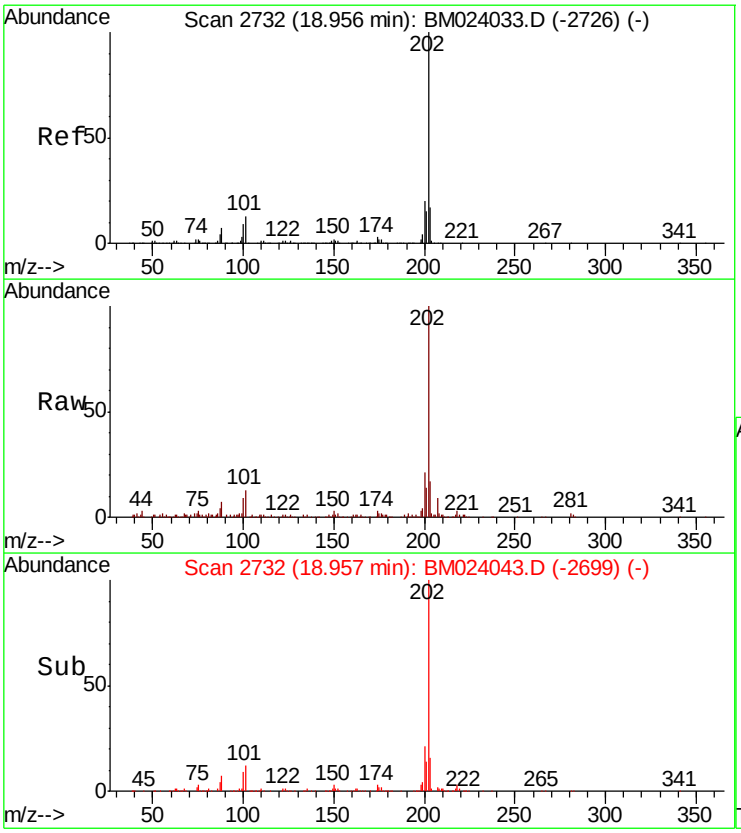
#70
Phenanthrene
Concen: 1.174 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Instrument :
BNA_M
ClientSampleId :
C0BN2

Tgt Ion:178 Resp: 140491

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.0	18.0
176	18.4	15.1	22.7

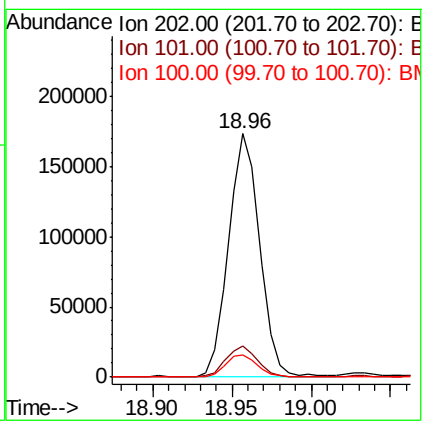


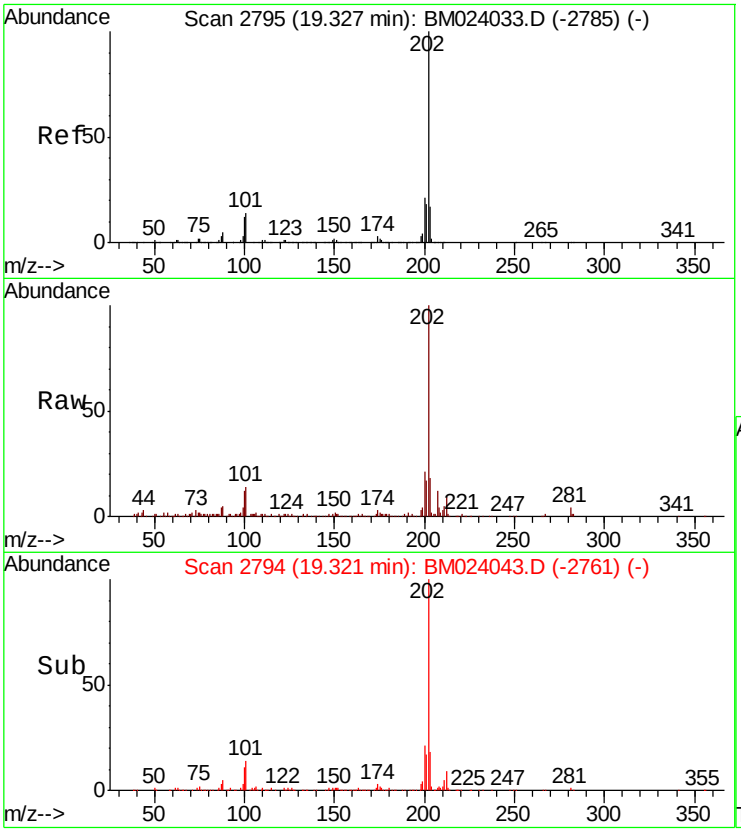


#77
Fluoranthene
Concen: 1.844 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Tgt Ion:202 Resp: 236614

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	8.9	7.8	11.6



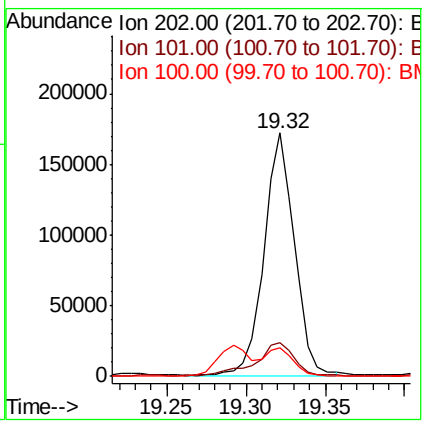


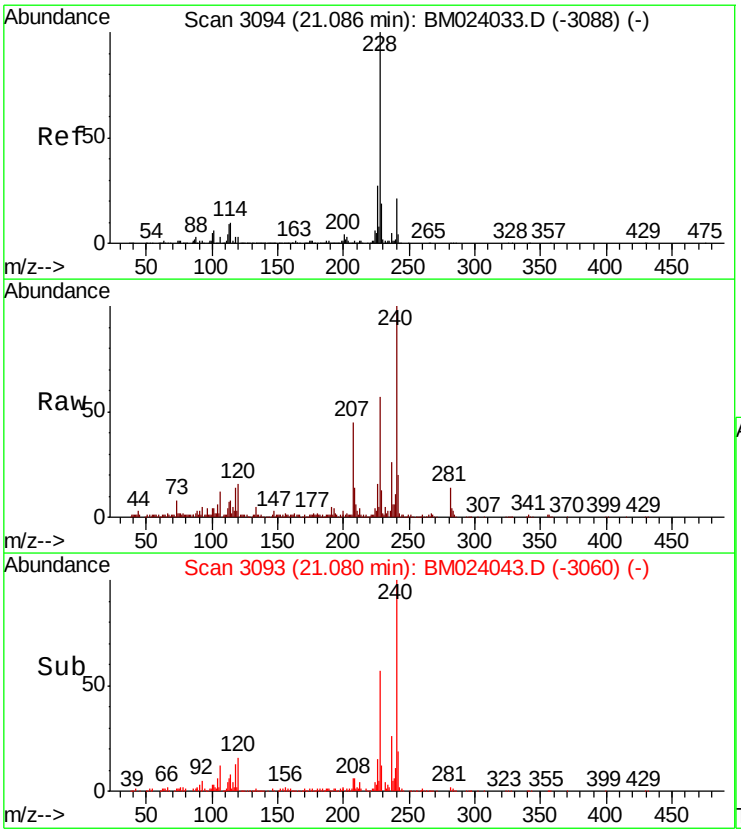
#80
Pyrene
Concen: 2.150 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Instrument :
BNA_M
ClientSampleId :
C0BN2

Tgt Ion:202 Resp: 228811

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.8	17.6
100	11.5	9.8	14.6

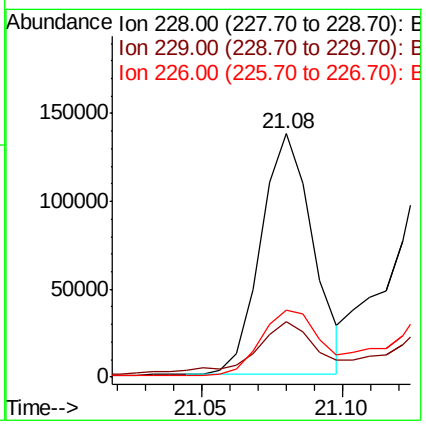


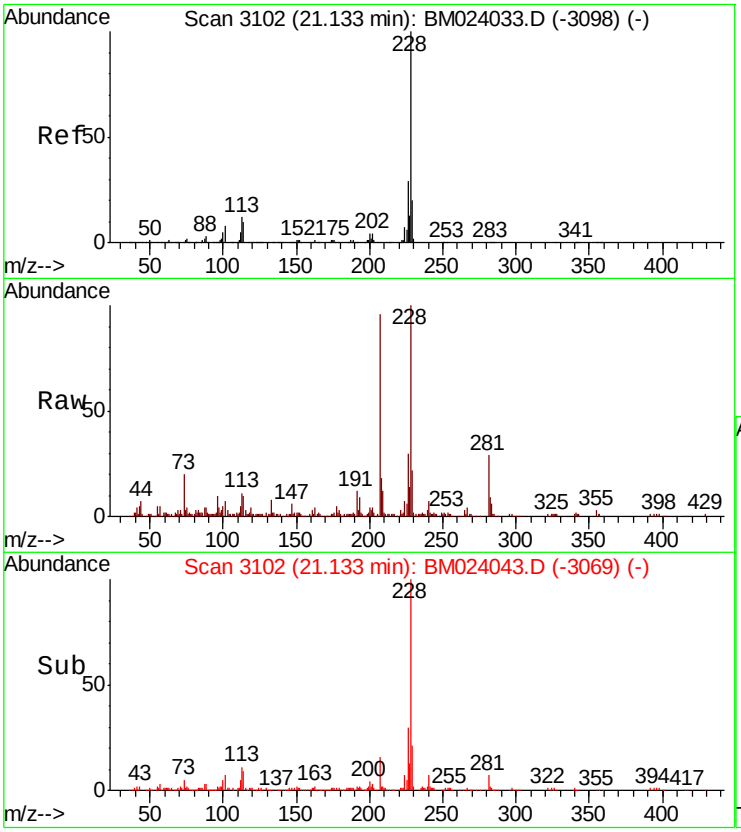


#83
Benzo(a)anthracene
Concen: 1.667 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Tgt Ion:228 Resp: 176035

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.6	23.4
226	27.3	21.4	32.0



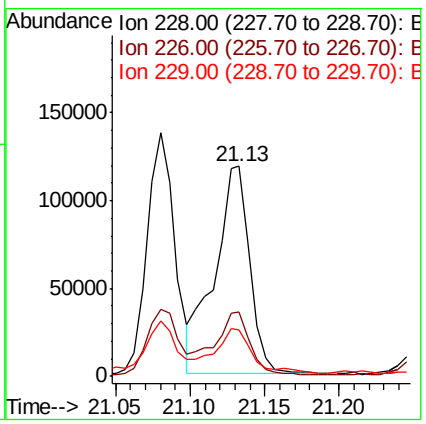


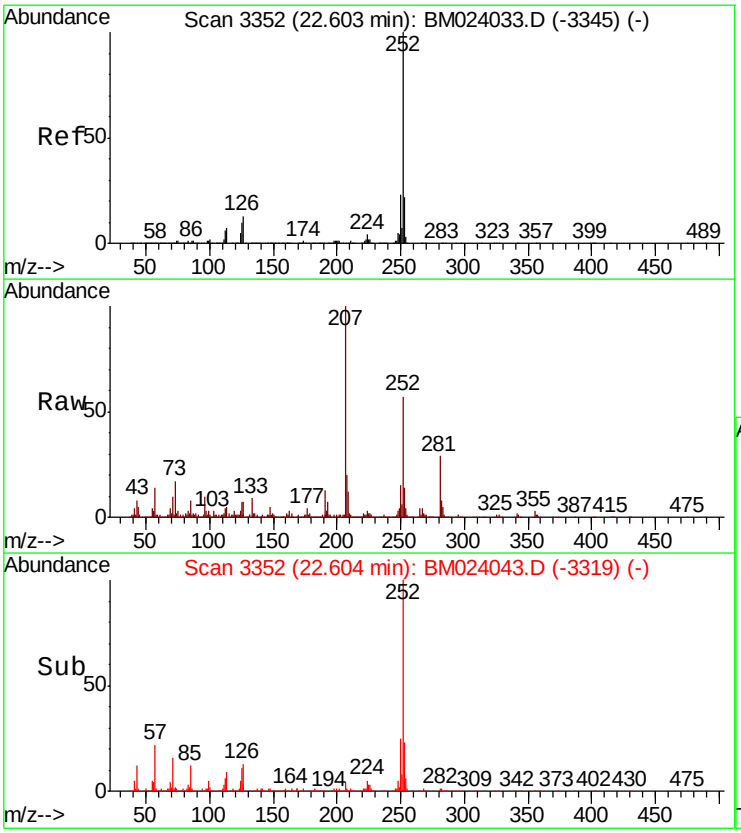
#85
Chrysene
Concen: 1.977 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Instrument :
BNA_M
ClientSampleId :
C0BN2

Tgt Ion:228 Resp: 196007

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.3	15.3	22.9

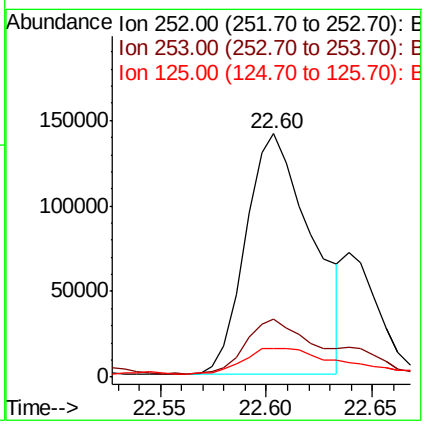


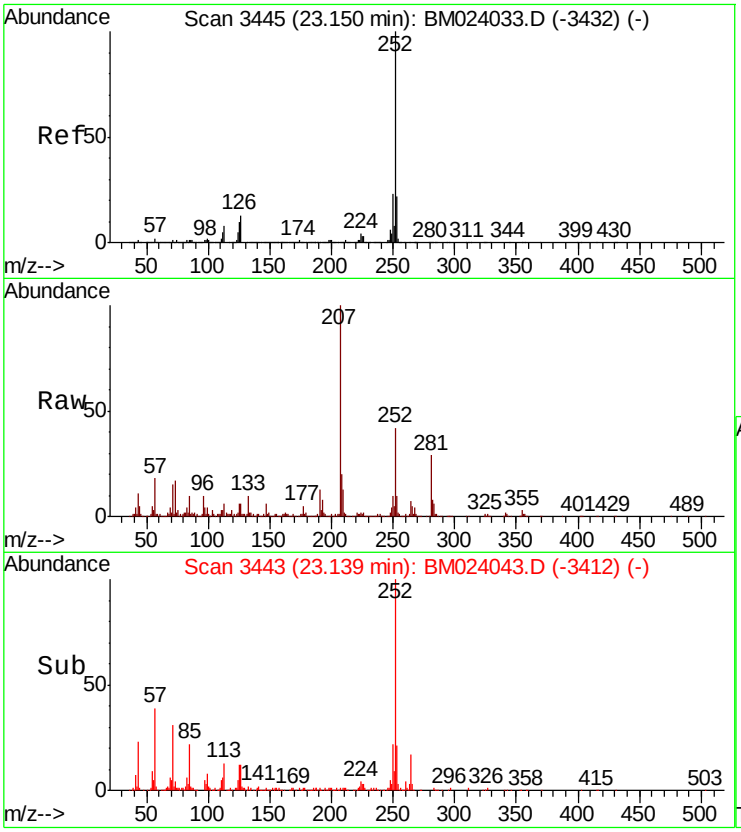


#88
Benzo(b)fluoranthene
Concen: 2.785 ng/ul
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Tgt Ion:252 Resp: 306266

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	12.0	7.4	11.2#





#91
Benzo(a)pyrene
Concen: 1.762 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BM024043.D
Acq: 11 Dec 2019 20:52

Instrument :
BNA_M
ClientSampleId :
C0BN2

Tgt Ion:252 Resp: 183145

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	13.4	7.8	11.6#