Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024070.D
Acq On : 12 Dec 2019 22:00
Operator : JU
Sample : K6089-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 13 01:01:25 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	7.47	152	444630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1832064	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1061549	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1999276	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1658402	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1958784	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	34118	3.41	ng/uL	0.00
5) Phenol-d5	6.66	99	706116	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	453179	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	576082	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	544164	17.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	274530	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	303547	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	558909	18.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	333842	9.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1716823	20.81	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	2050548	21.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	170043	12.26	ng/ul	0.00
58) Fluorene-d10	15.13	176	1448892	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	185159	14.75	ng/ul	0.00
71) Anthracene-d10	16.98	188	1994297	20.89	ng/ul	-0.01
79) Pyrene-d10	19.29	212	2054073	23.97	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2297693	22.19	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.69	94	172610	4.306	ng/ul	98
45) Dimethylphthalate	13.60	163	276862	3.429	ng/ul	98
70) Phenanthrene	16.93	178	223370	1.978	ng/ul	99
72) Anthracene	16.93	178	223809	1.952	ng/ul	99
77) Fluoranthene	18.96	202	348084	2.874	ng/ul	96
80) Pyrene	19.32	202	285816	2.558	ng/ul	100
83) Benzo(a)anthracene	21.07	228	118308	1.067	ng/ul#	91
85) Chrysene	21.13	228	182659	1.755	ng/ul#	95
88) Benzo(b)fluoranthene	22.60	252	205278	1.695	ng/ul#	90
89) Benzo(k)fluoranthene	22.60	252	205278	1.785	ng/ul#	89
91) Benzo(a)pyrene	23.14	252	124442	1.086	ng/ul#	91

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

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Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
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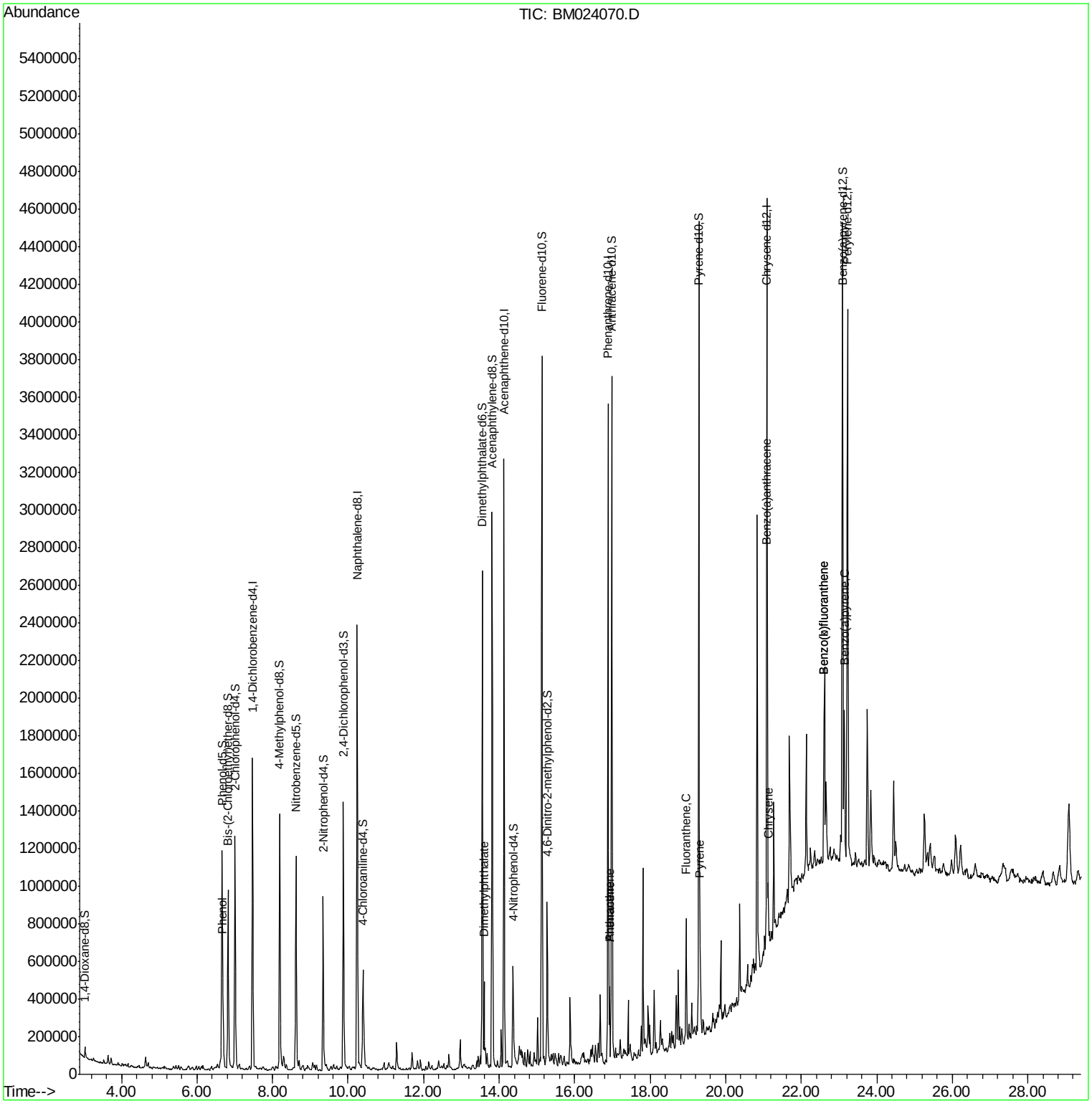
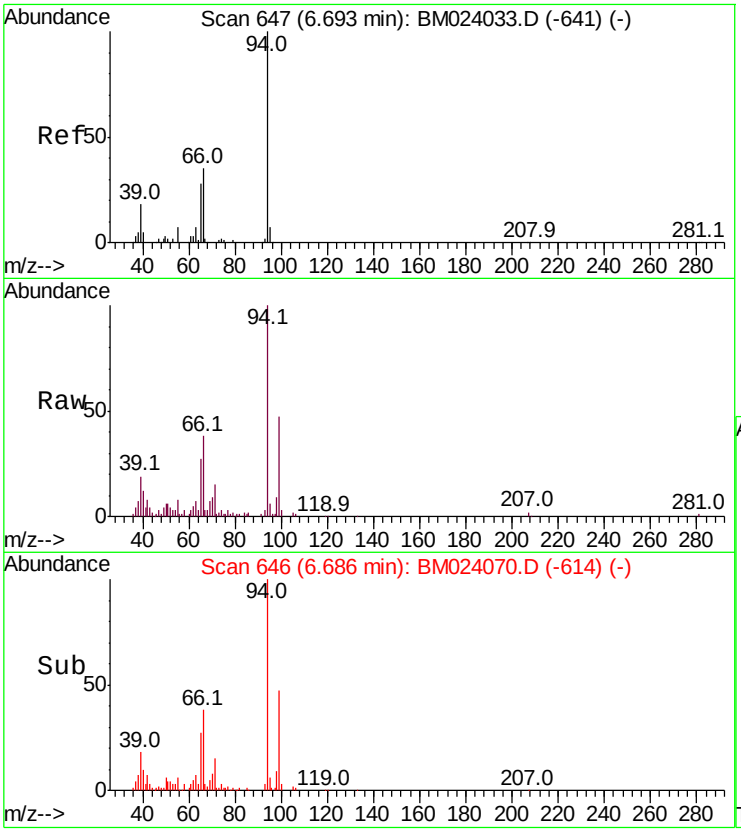


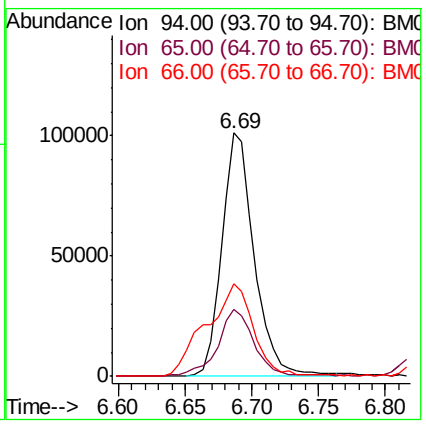


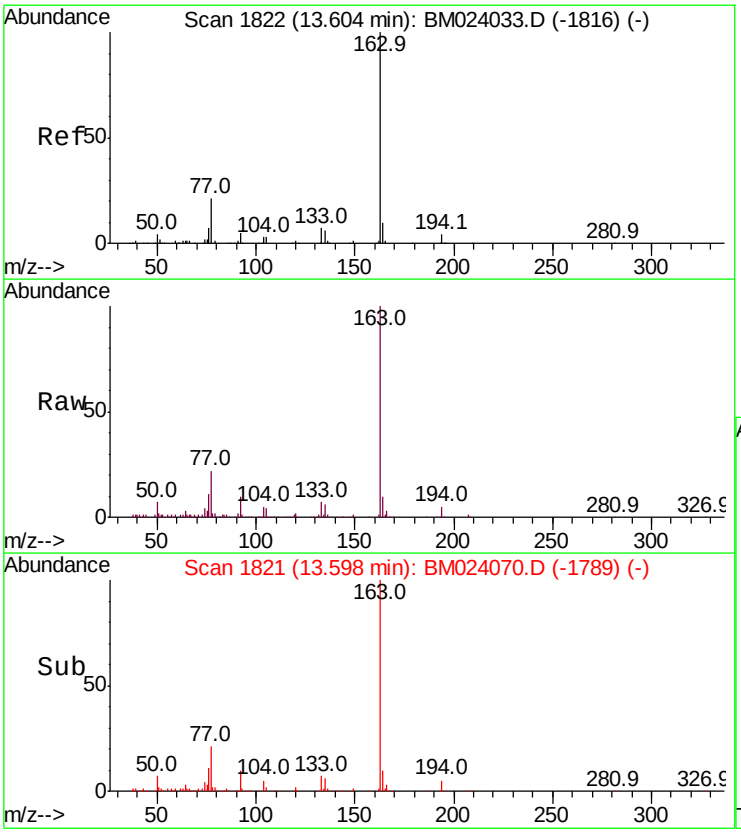
#6
Phenol
Concen: 4.306 ng/ul
RT: 6.69 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 172610

Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.7	32.5
66	38.3	28.8	43.2

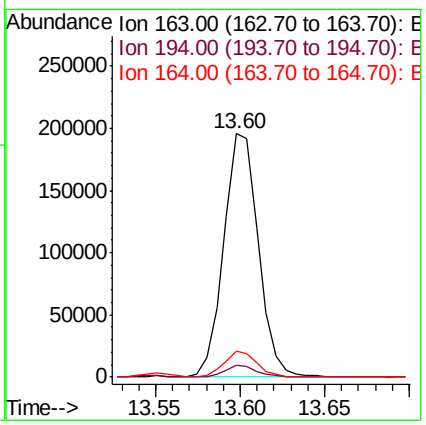


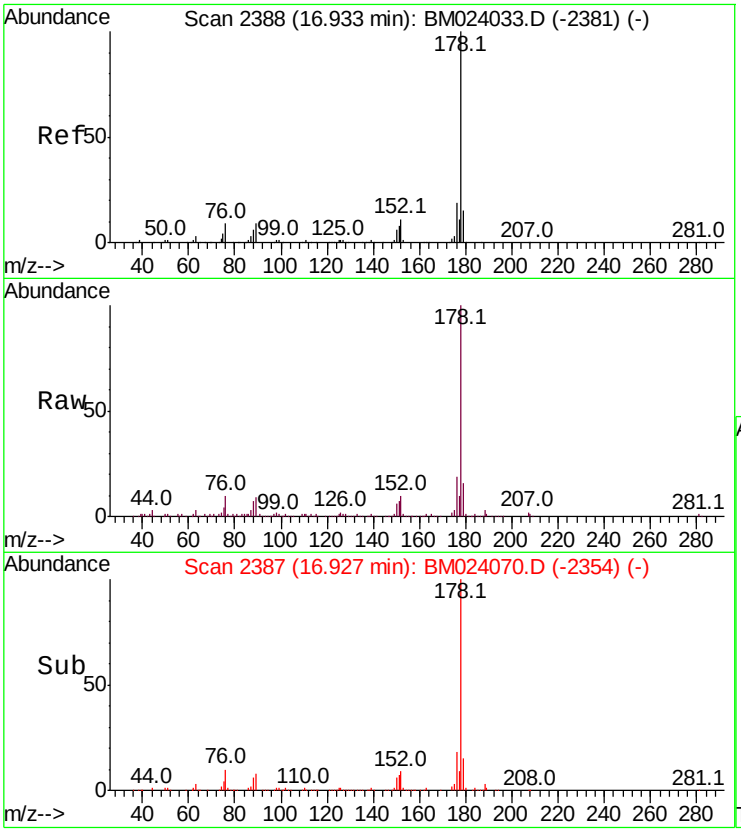


#45
Dimethylphthalate
Concen: 3.429 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Tgt Ion:163 Resp: 276862

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.5	7.9	11.9



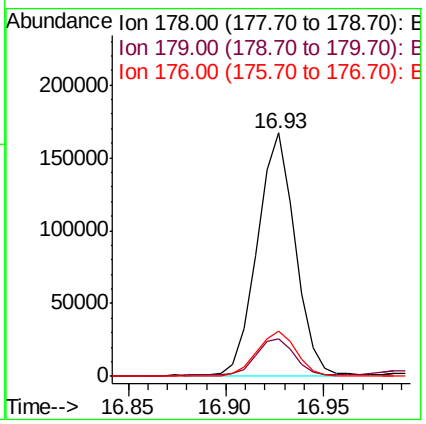


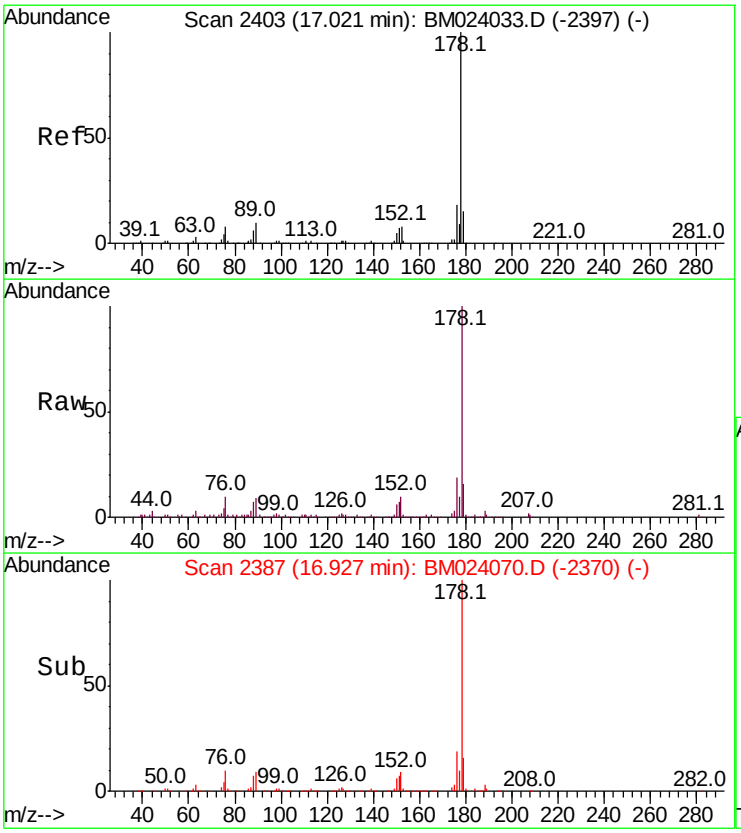
#70
Phenanthrene
Concen: 1.978 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 223370

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	18.7	15.1	22.7

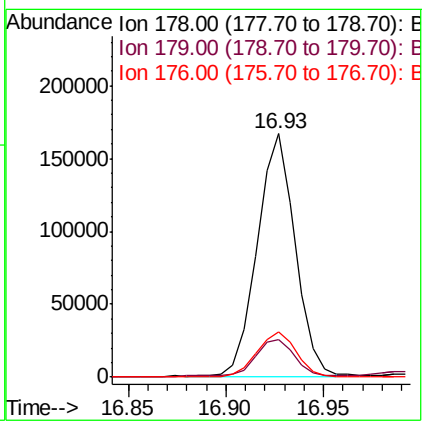


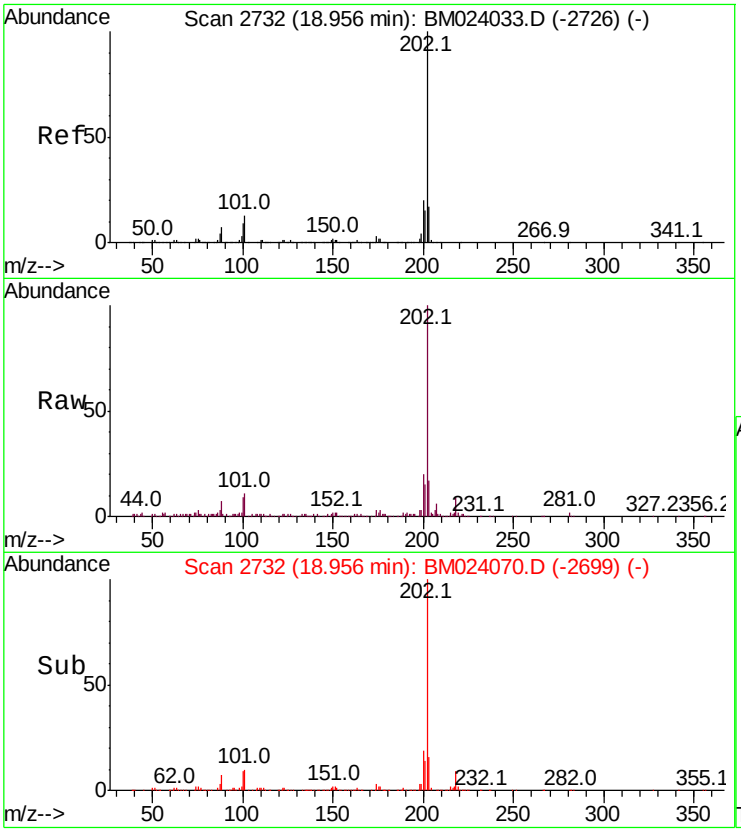


#72
Anthracene
Concen: 1.952 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.10 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Tgt Ion:178 Resp: 223809

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.7	14.7	22.1



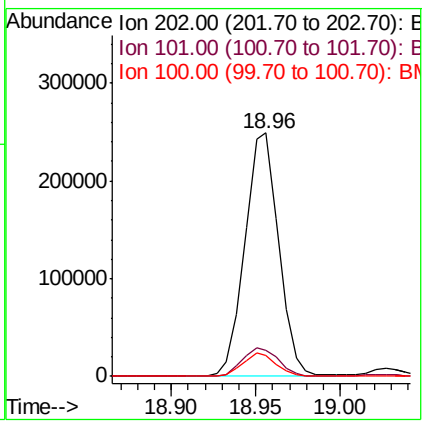


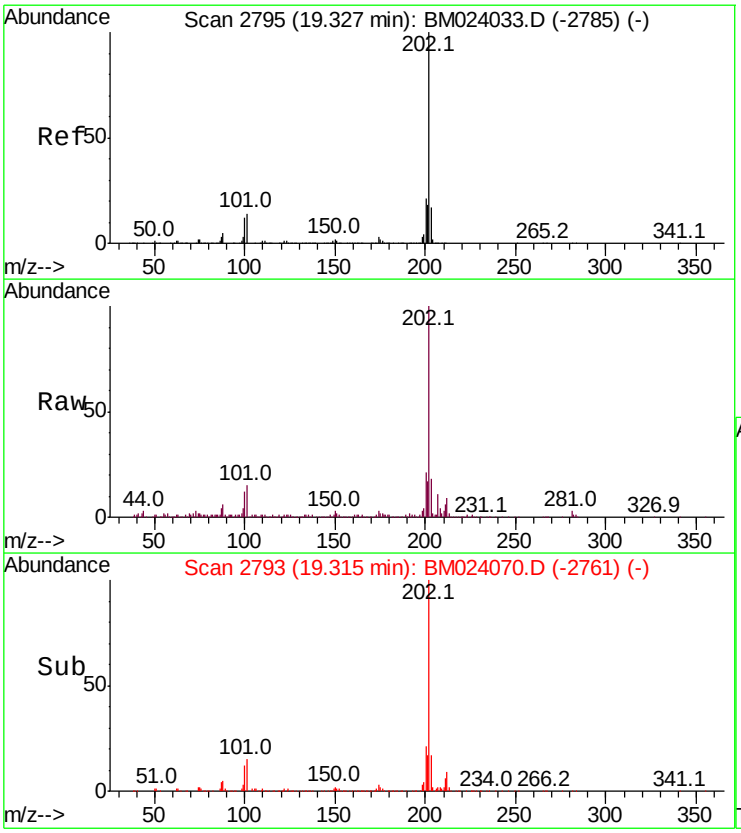
#77
Fluoranthene
Concen: 2.874 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 348084

Ion	Ratio	Lower	Upper
202	100		
101	10.6	10.1	15.1
100	8.8	7.8	11.6

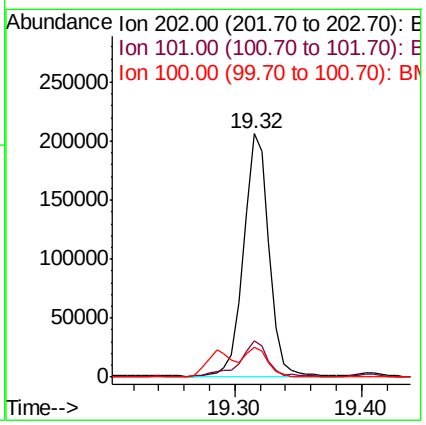


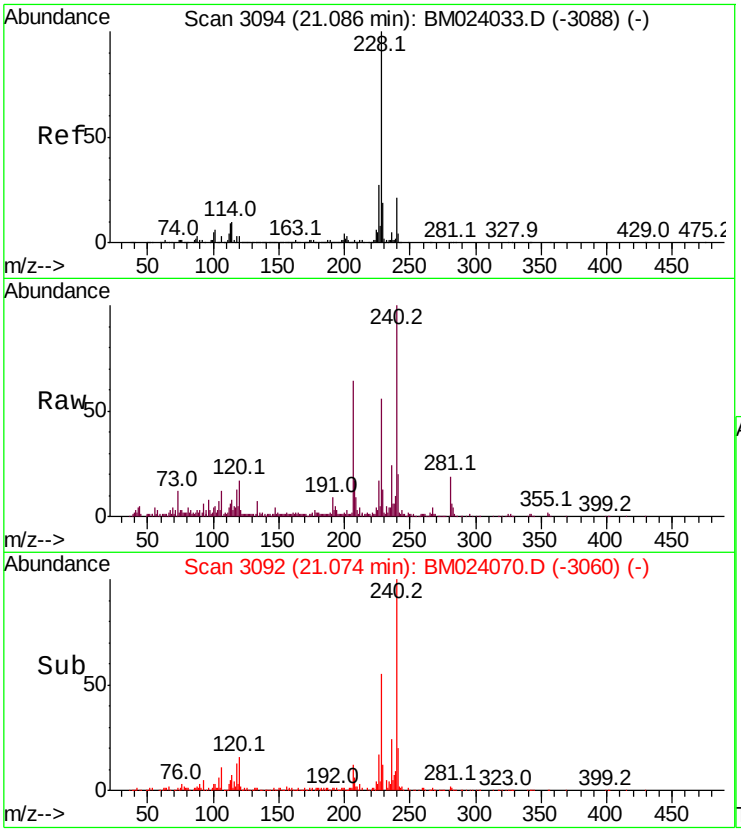


#80
Pyrene
Concen: 2.558 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Tgt Ion:202 Resp: 285816

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.8	17.6
100	12.2	9.8	14.6



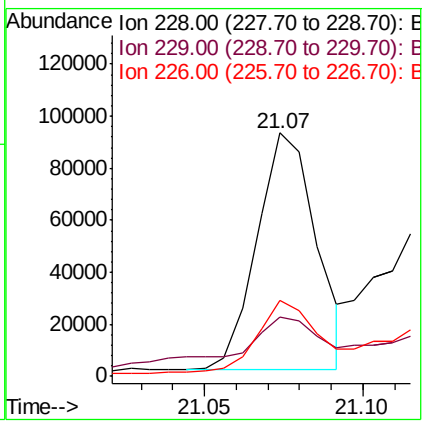


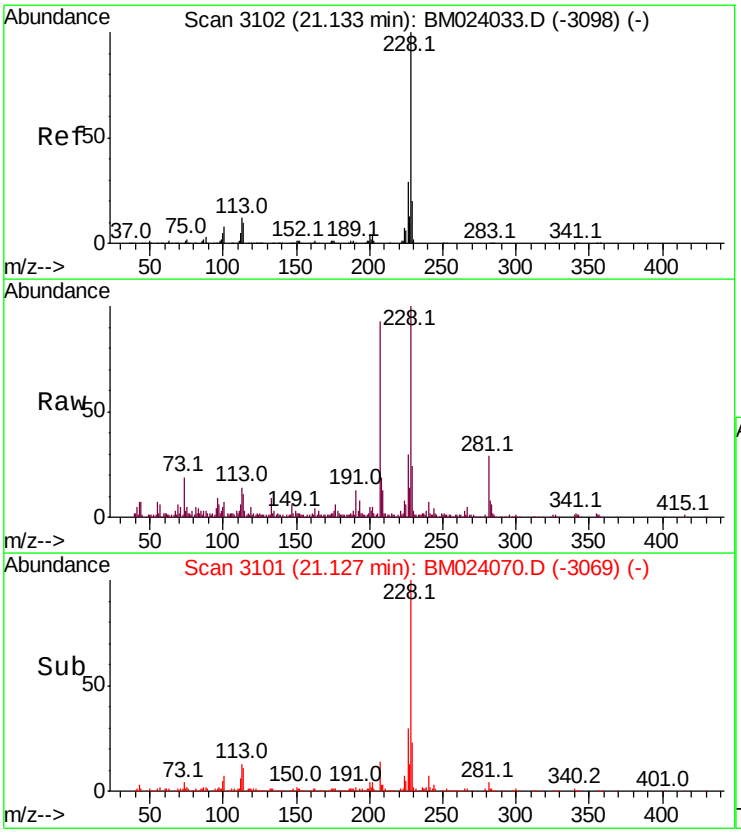
#83
Benzo(a)anthracene
Concen: 1.067 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 118308

Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.6	23.4#
226	31.3	21.4	32.0

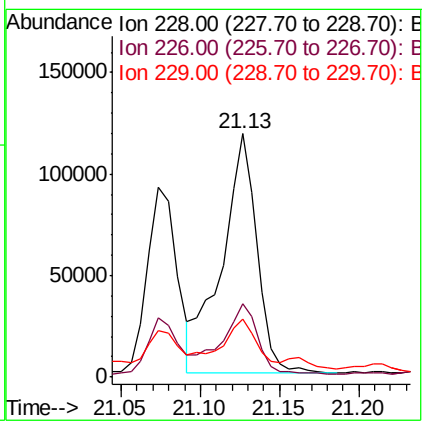


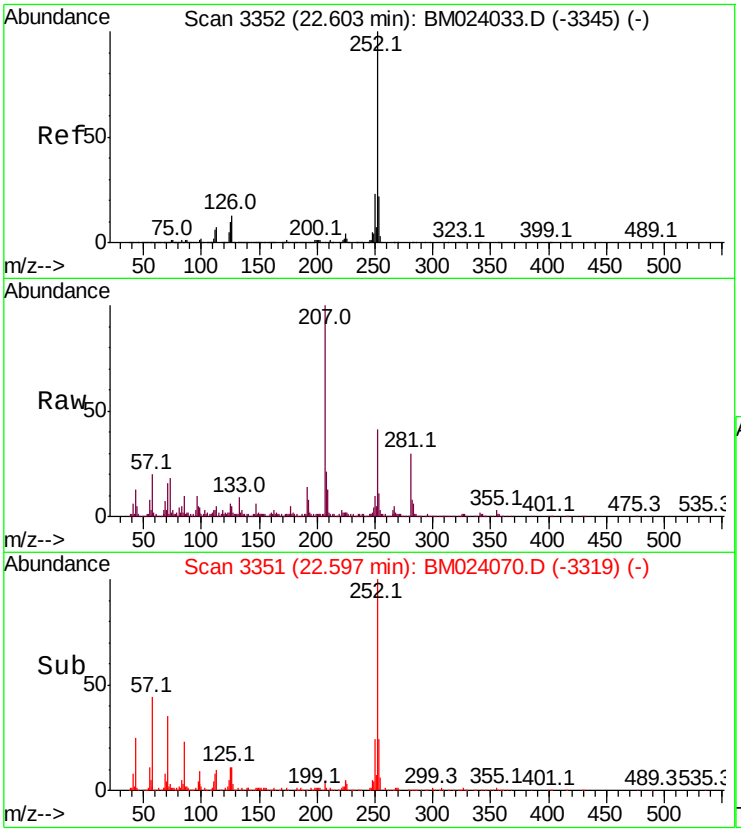


#85
Chrysene
Concen: 1.755 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Tgt Ion:228 Resp: 182659

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	23.8	15.3	22.9#



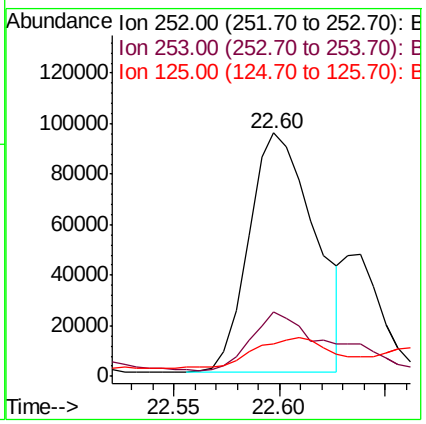


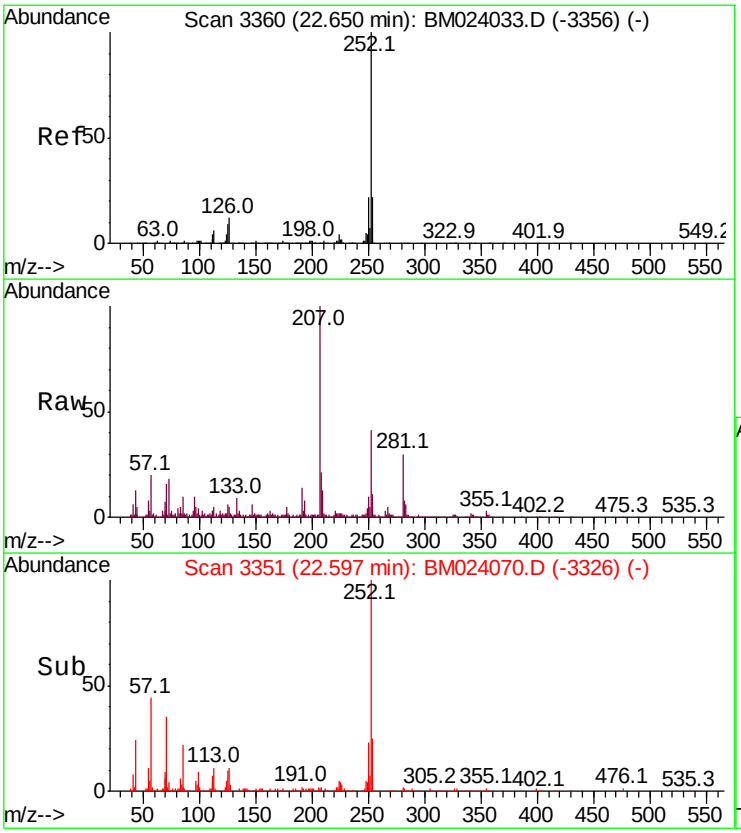
#88
Benzo(b)fluoranthene
Concen: 1.695 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 205278

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.0#
125	13.6	7.4	11.2#

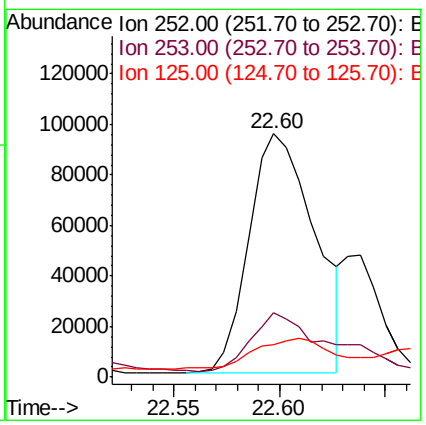


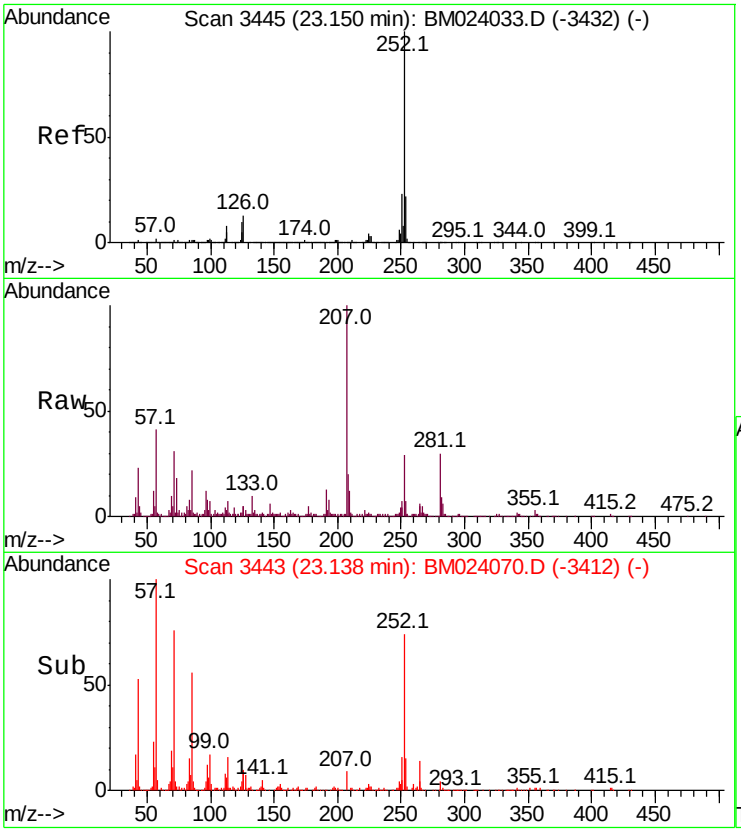


#89
Benzo(k)fluoranthene
Concen: 1.785 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. -0.05 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Tgt Ion:252 Resp: 205278

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	13.6	7.0	10.4#





#91
Benzo(a)pyrene
Concen: 1.086 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BM024070.D
Acq: 12 Dec 2019 22:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 124442

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	17.3	7.8	11.6#