Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024056.D
Acq On : 12 Dec 2019 13:34
Operator : JU
Sample : K6088-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP3

Quant Time: Dec 13 03:07:02 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	415337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1712780	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1005989	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1968125	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1693703	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2032397	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	30568	3.27	ng/uL	0.00
5) Phenol-d5	6.66	99	518998	14.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	355601	16.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	429380	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	378786	13.19	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	202677	15.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	218244	14.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	402302	14.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	500115	15.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1405265	17.98	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1594393	17.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	112387	8.55	ng/ul	0.00
58) Fluorene-d10	15.13	176	1180495	17.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	136298	11.03	ng/ul	0.00
71) Anthracene-d10	16.99	188	1673372	17.80	ng/ul	0.00
79) Pyrene-d10	19.29	212	1856088	21.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2099531	19.54	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.69	94	41902	1.119	ng/ul	93
45) Dimethylphthalate	13.60	163	232183	3.034	ng/ul	99
70) Phenanthrene	16.93	178	273197	2.457	ng/ul	99
77) Fluoranthene	18.96	202	704310	5.907	ng/ul	98
80) Pyrene	19.32	202	605516	5.306	ng/ul	98
83) Benzo(a)anthracene	21.08	228	267829	2.366	ng/ul	98
85) Chrysene	21.13	228	259819	2.444	ng/ul	97
88) Benzo(b)fluoranthene	22.60	252	415818	3.308	ng/ul	96
91) Benzo(a)pyrene	23.14	252	289830	2.439	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.35	276	210227	1.425	ng/ul	96
94) Benzo(g,h,i)perylene	25.99	276	210643	1.704	ng/ul	98

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

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 13 03:07:02 2019
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Quant Title : SVOA CALIBRATION
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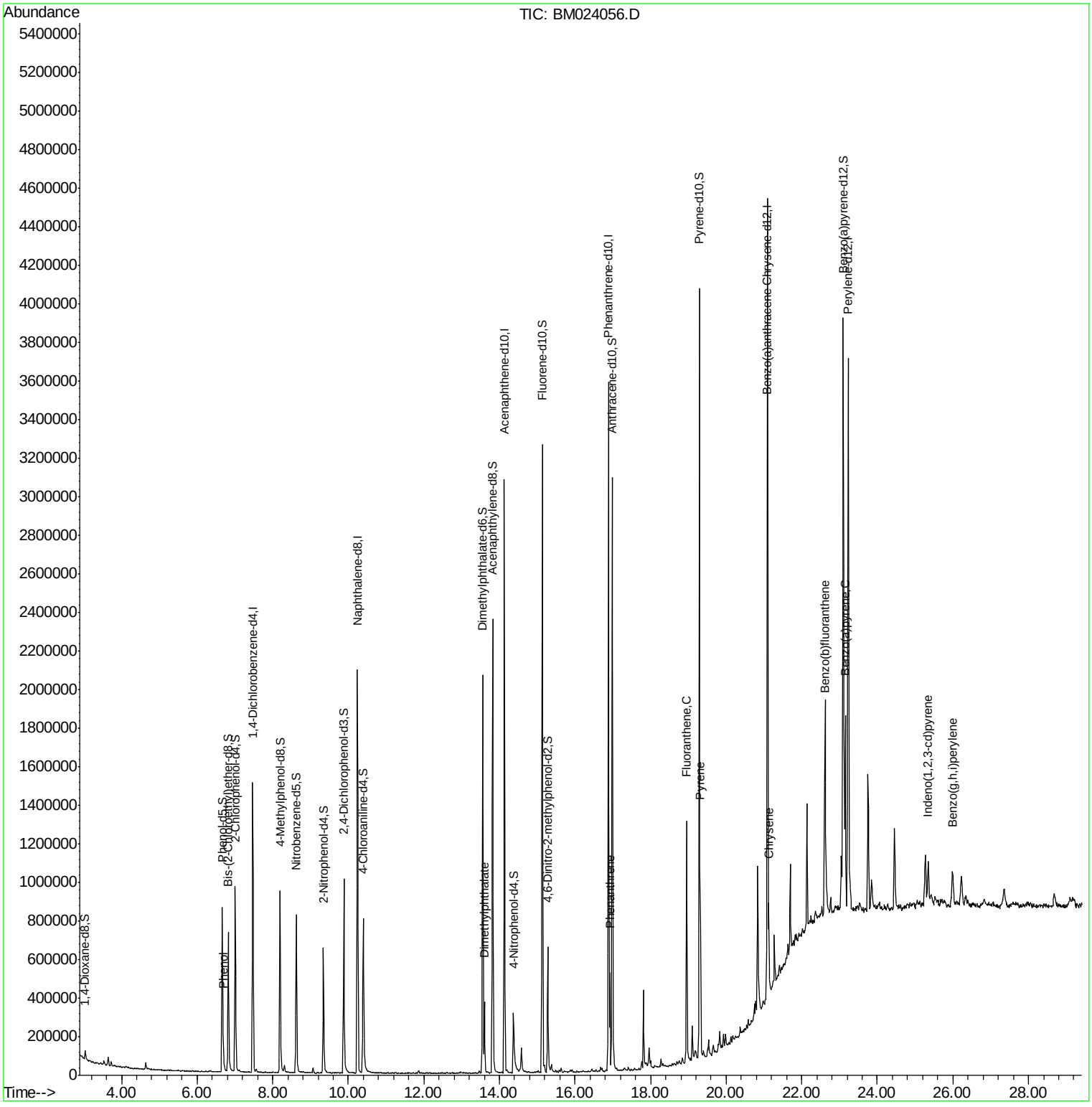
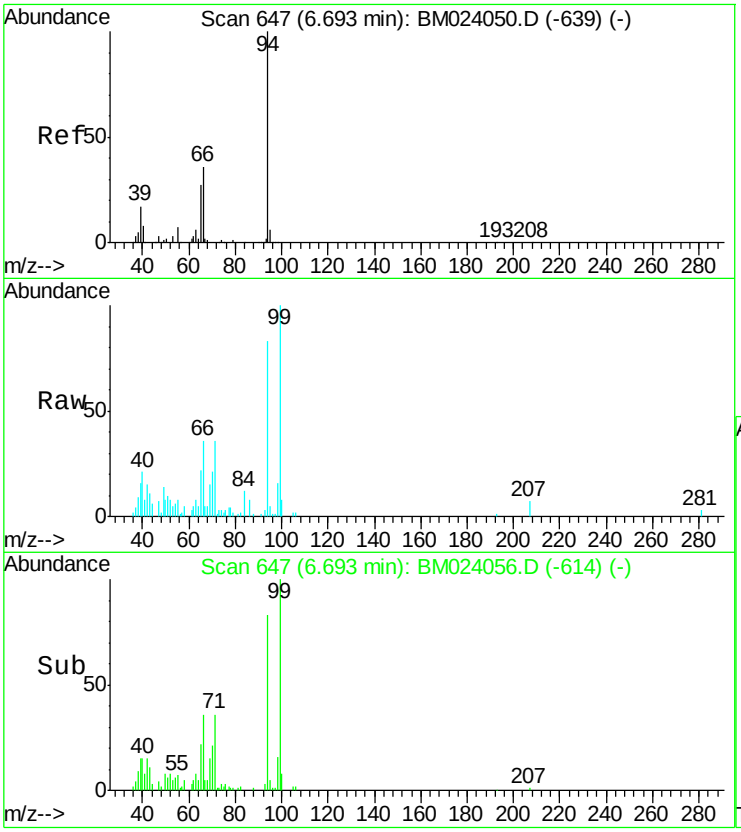
Response via : Initial Calibration



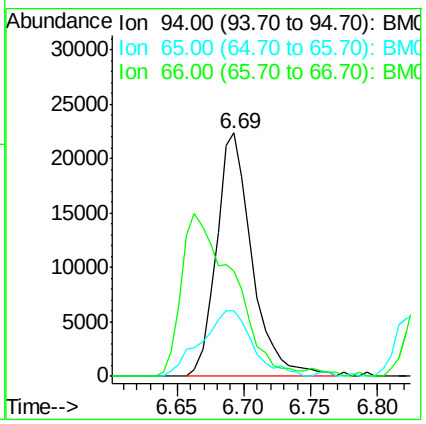


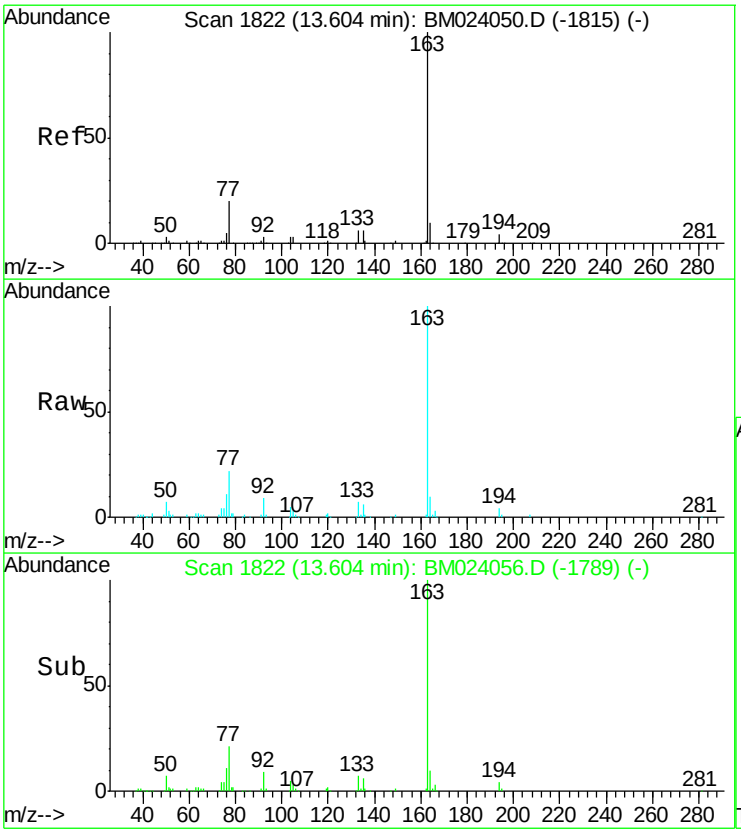
#6
Phenol
Concen: 1.119 ng/ul
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :
C0BP3

Tgt Ion: 94 Resp: 41902

Ion	Ratio	Lower	Upper
94	100		
65	26.9	21.7	32.5
66	43.0	28.8	43.2

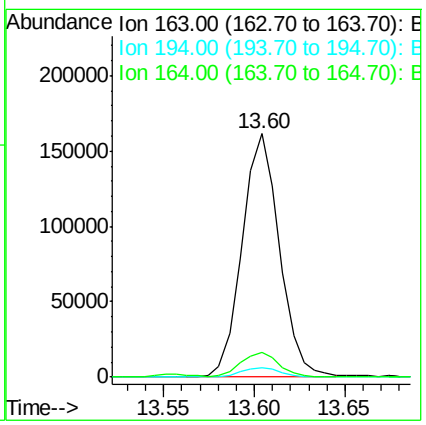


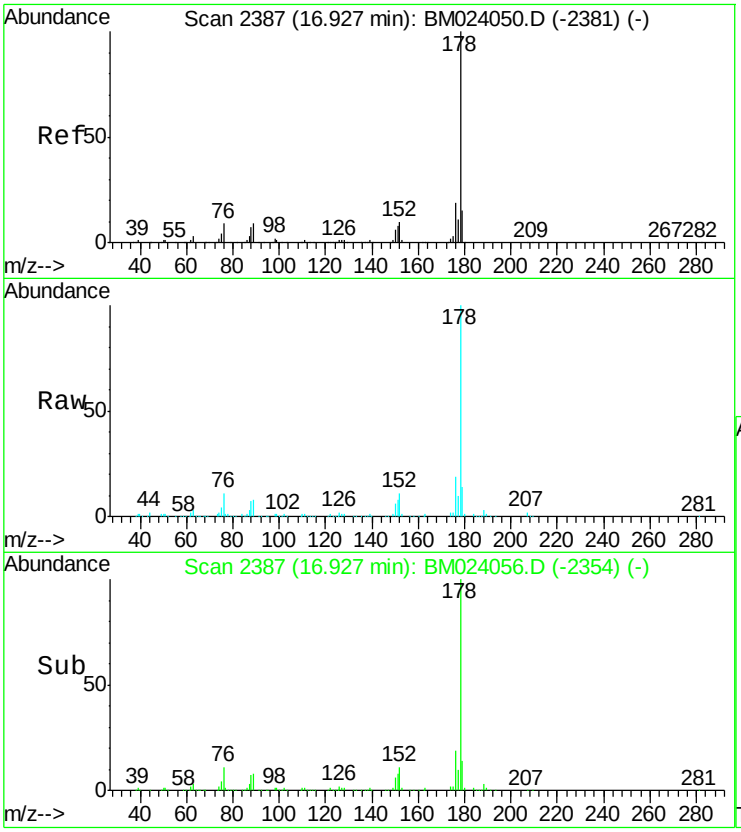


#45
Dimethylphthalate
Concen: 3.034 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion:163 Resp: 232183

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	7.9	11.9



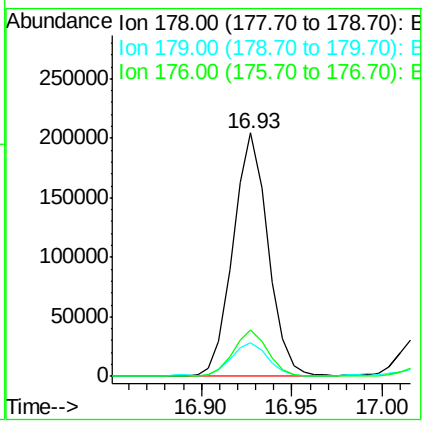


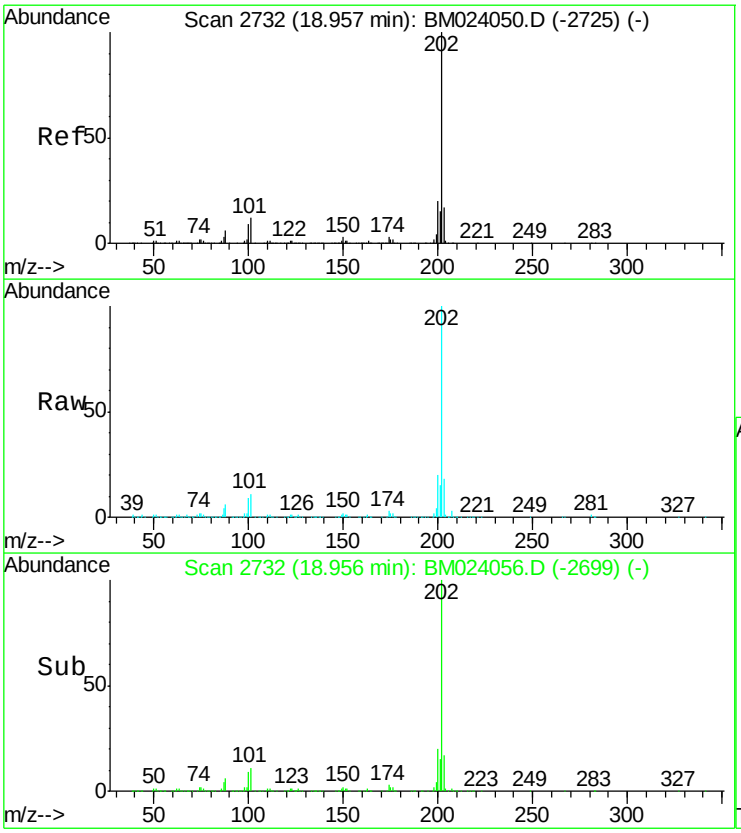
#70
Phenanthrene
Concen: 2.457 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :
C0BP3

Tgt Ion:178 Resp: 273197

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.0	18.0
176	19.0	15.1	22.7

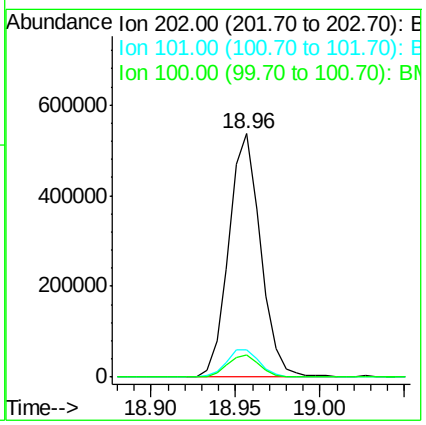


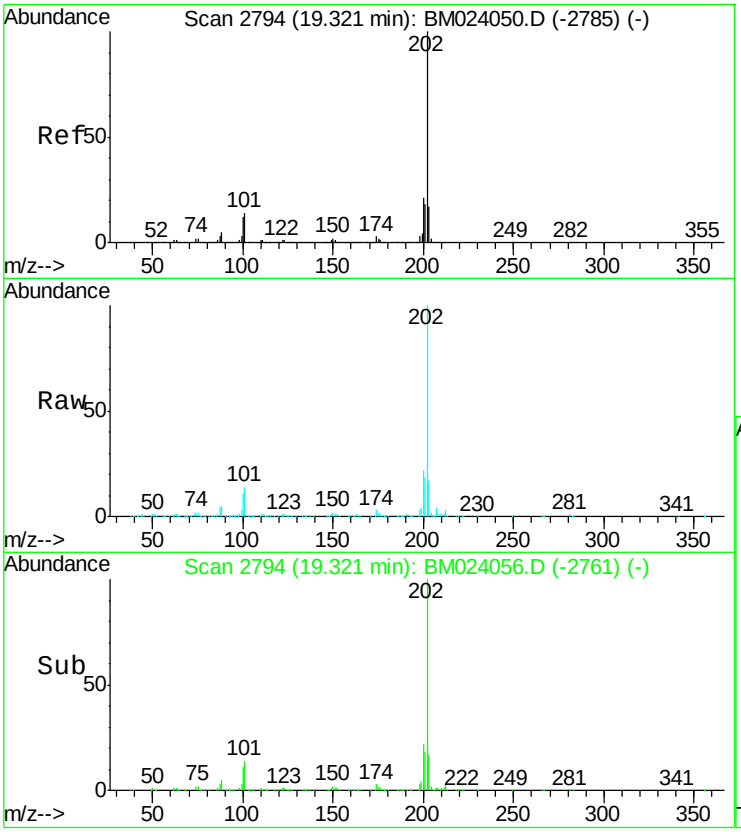


#77
Fluoranthene
Concen: 5.907 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion:202 Resp: 704310

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.1	15.1
100	9.1	7.8	11.6



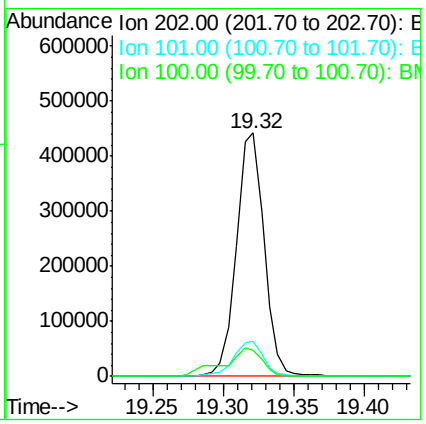


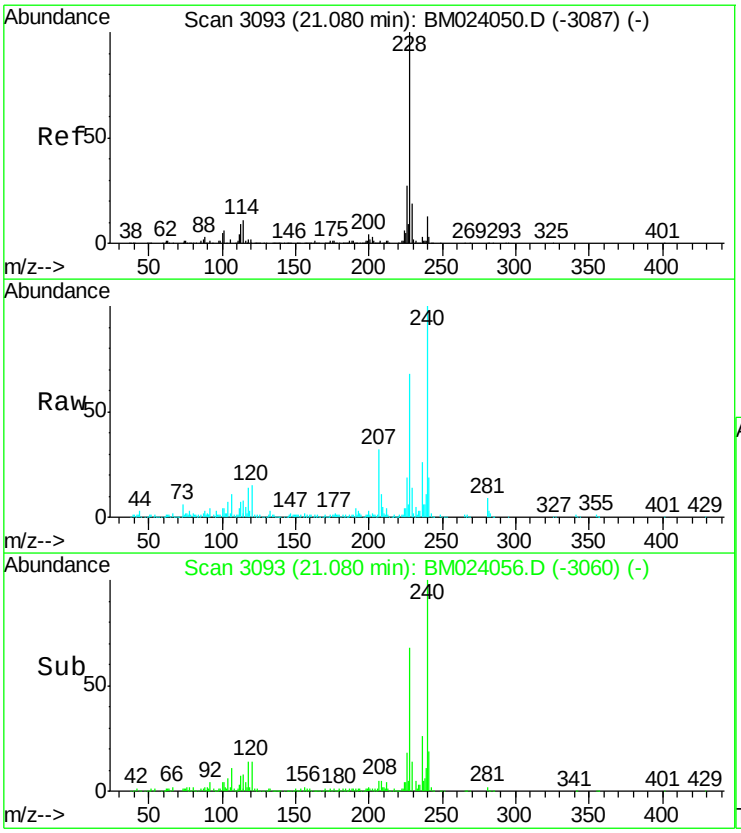
#80
Pyrene
Concen: 5.306 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :
C0BP3

Tgt Ion:202 Resp: 605516

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.8	17.6
100	10.9	9.8	14.6

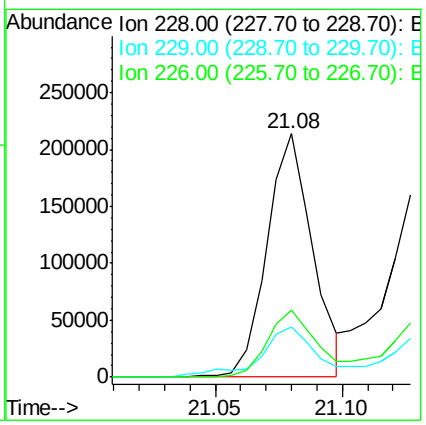


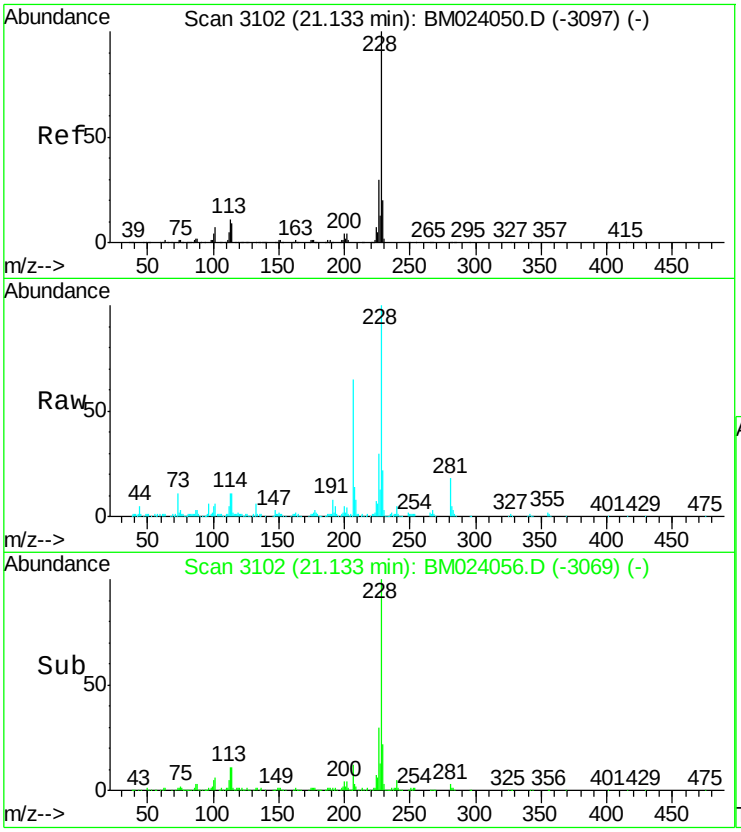


#83
Benzo(a)anthracene
Concen: 2.366 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion:228 Resp: 267829

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.4	21.4	32.0



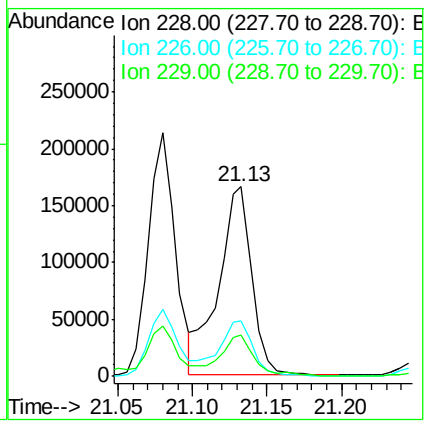


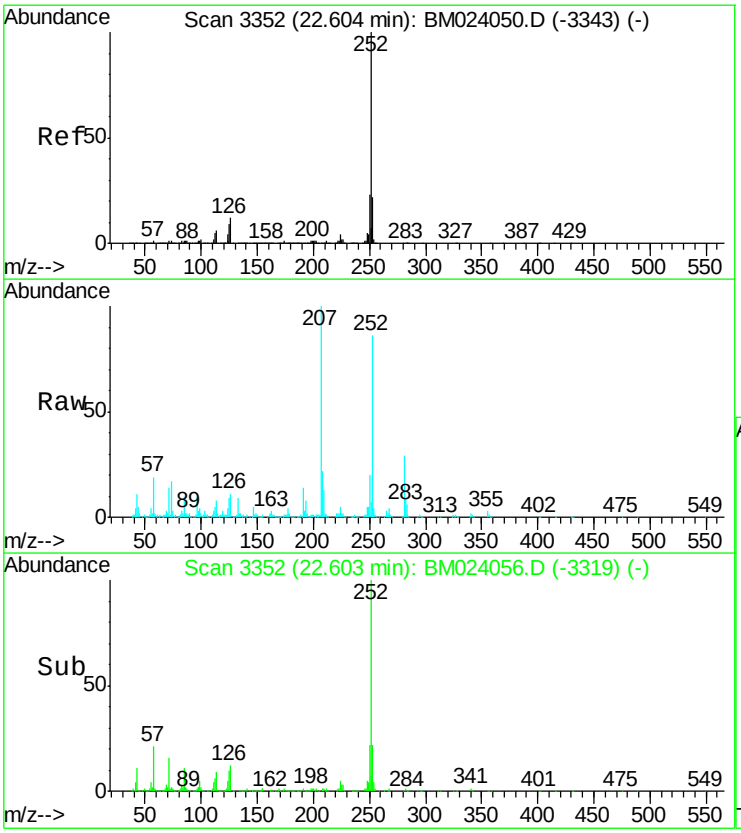
#85
Chrysene
Concen: 2.444 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :
C0BP3

Tgt Ion:228 Resp: 259819

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.9	15.3	22.9

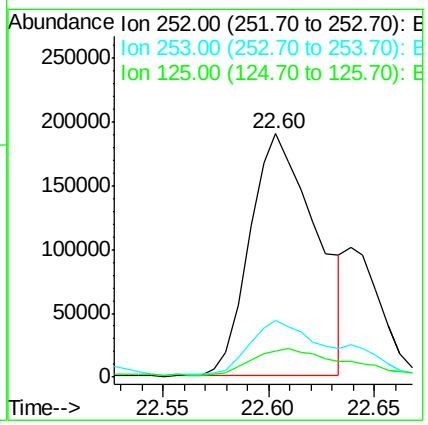


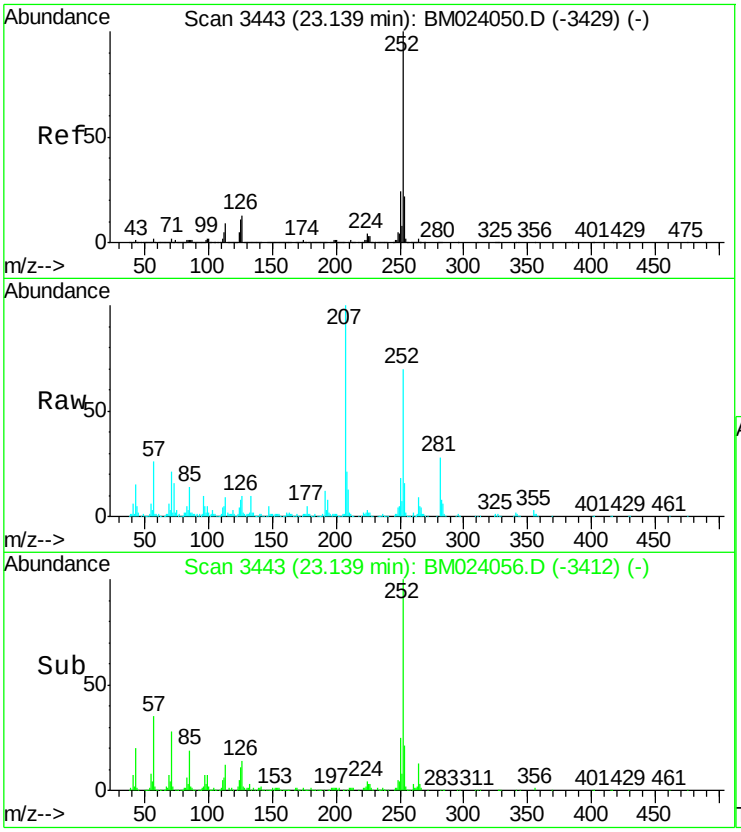


#88
Benzo(b)fluoranthene
Concen: 3.308 ng/ul
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion:252 Resp: 415818

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	10.9	7.4	11.2



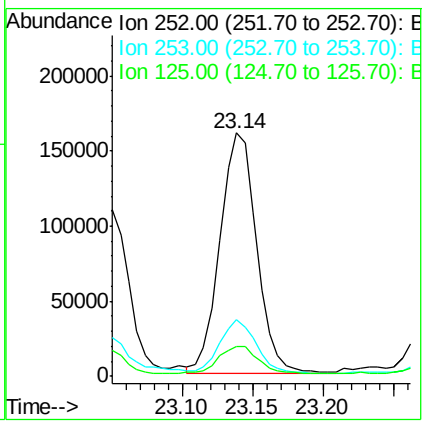


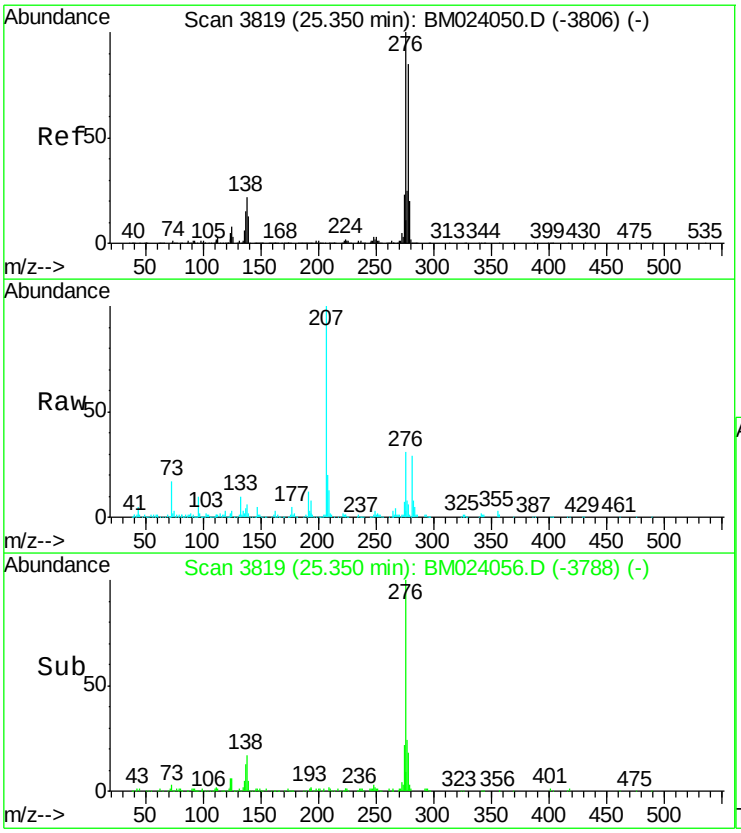
#91
Benzo(a)pyrene
Concen: 2.439 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :
C0BP3

Tgt Ion:252 Resp: 289830

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.0	7.8	11.6#

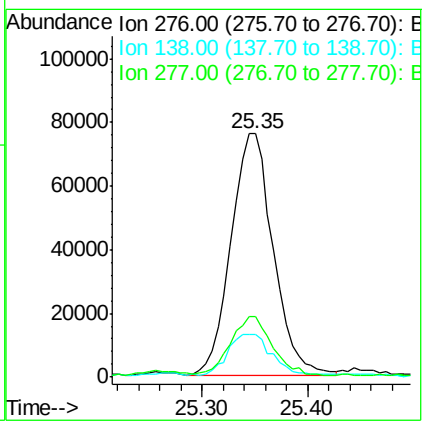


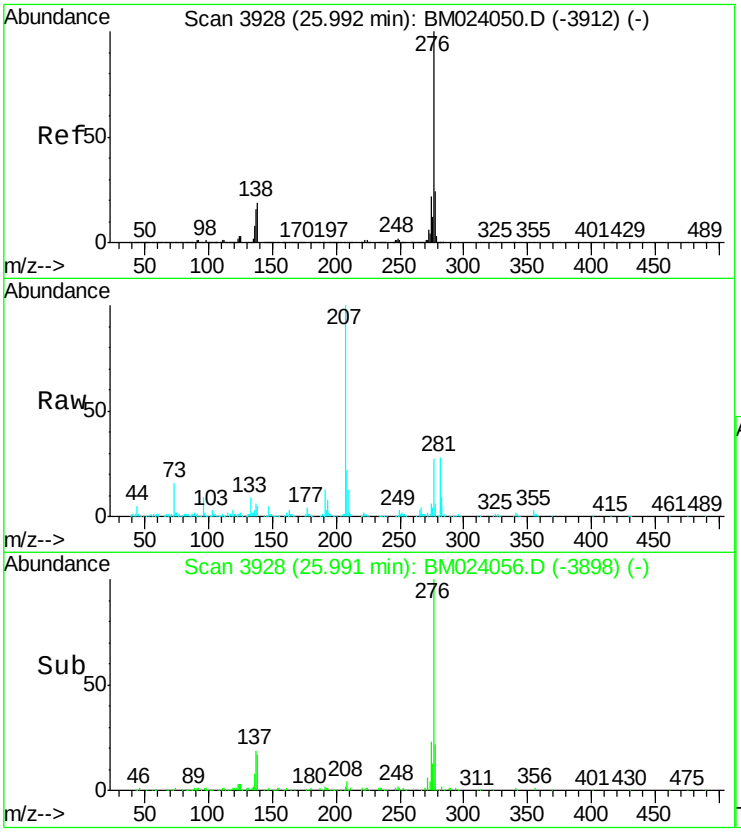


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.425 ng/ul
RT: 25.35 min Scan# 3819
Delta R.T. -0.02 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion:276 Resp: 210227

Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.0	25.6
277	25.0	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.704 ng/ul
RT: 25.99 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :
C0BP3

Tgt Ion:276 Resp: 210643

Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.9	22.3
277	22.8	19.1	28.7