Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024874.D
Acq On : 14 Feb 2020 03:21
Operator : CG/JU
Sample : L1404-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6P0

Quant Time: Feb 14 07:47:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 07:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	442888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1610408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	965770	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1989868	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1930944	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2049967	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	44005	4.78	ng/uL	0.00
5) Phenol-d5	6.59	99	717278	24.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	445717	26.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	624784	23.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	478945	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	294024	25.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	343009	24.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	599447	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	670090	25.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1796899	24.65	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2168777	25.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	242946	20.51	ng/ul	0.00
58) Fluorene-d10	15.05	176	1561652	24.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	273126	21.06	ng/ul	0.00
71) Anthracene-d10	16.90	188	2232379	24.58	ng/ul	0.00
79) Pyrene-d10	19.20	212	2614285	27.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2758065	26.79	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.84	178	709592	6.540	ng/ul	99
72) Anthracene	16.93	178	151093	1.373	ng/ul	99
77) Fluoranthene	18.87	202	1121659	8.421	ng/ul	97
80) Pyrene	19.23	202	994820	7.783	ng/ul#	95
83) Benzo(a)anthracene	21.00	228	557339	4.285	ng/ul	98
85) Chrysene	21.04	228	548109	4.280	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	717598	5.505	ng/ul#	97
89) Benzo(k)fluoranthene	22.53	252	239995	1.913	ng/ul#	97
91) Benzo(a)pyrene	23.02	252	460694	3.942	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.15	276	337357	2.319	ng/ul	98
94) Benzo(g,h,i)perylene	25.77	276	298171	2.464	ng/ul	99

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

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
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CB6P0

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Quant Title : SVOA CALIBRATION
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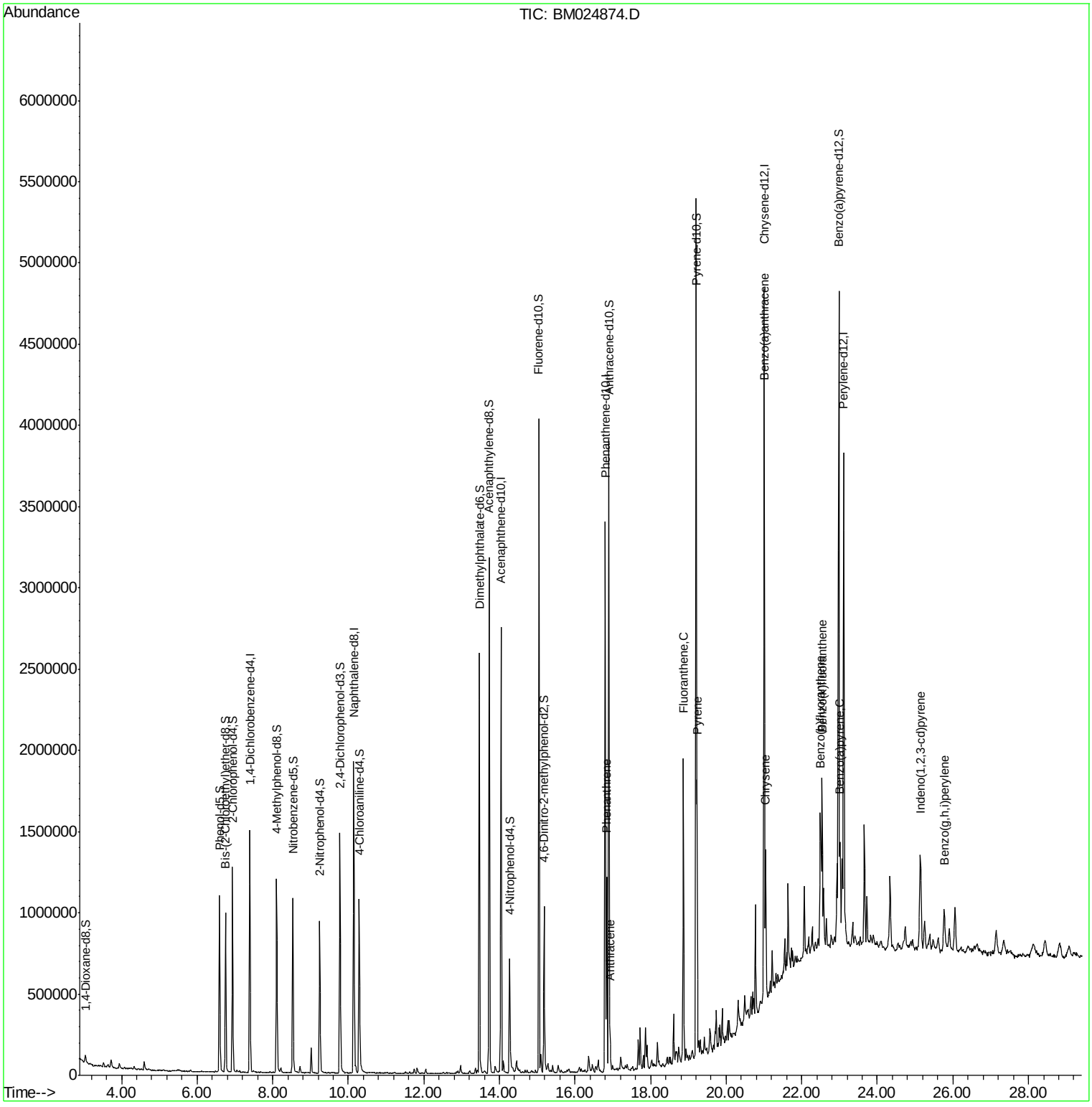
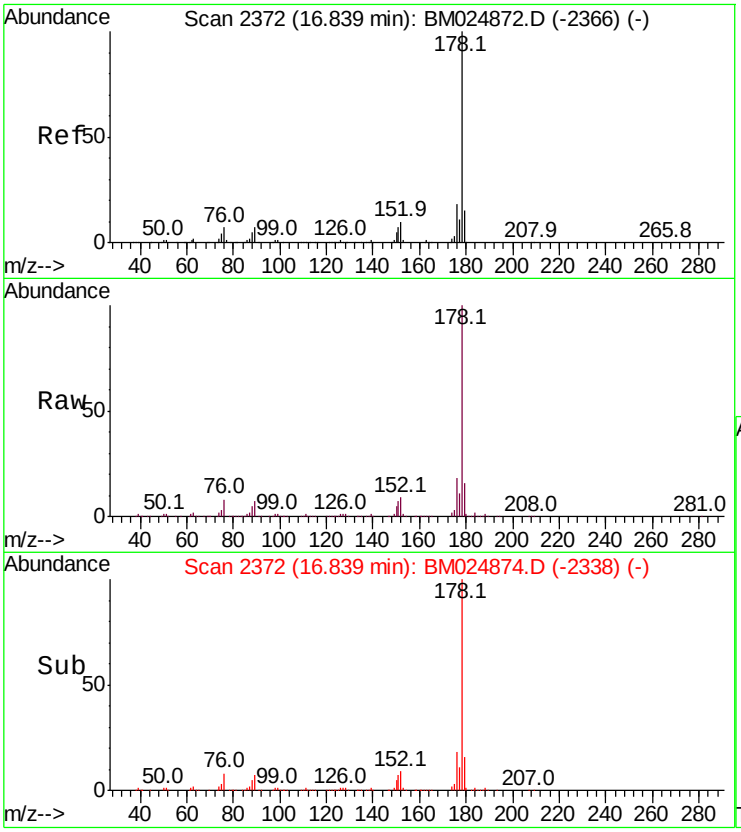


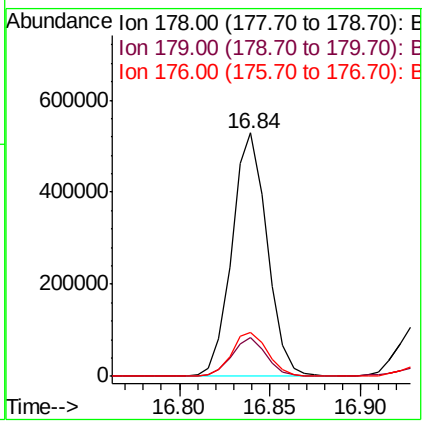


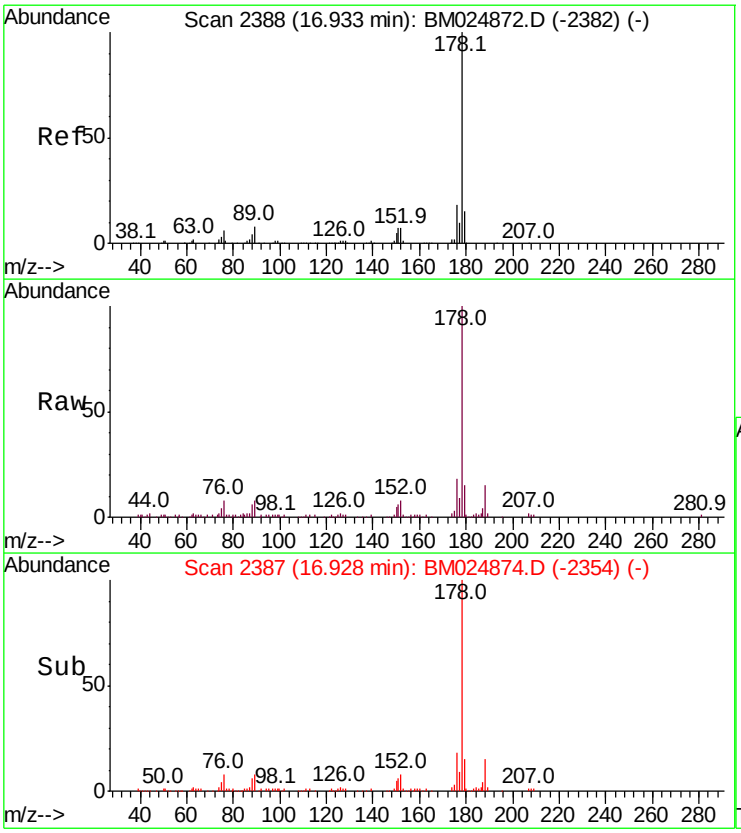
#70
Phenanthrene
Concen: 6.540 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Instrument :
BNA_M
ClientSampleId :
CB6P0

Tgt Ion:178 Resp: 709592

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	18.2	14.5	21.7

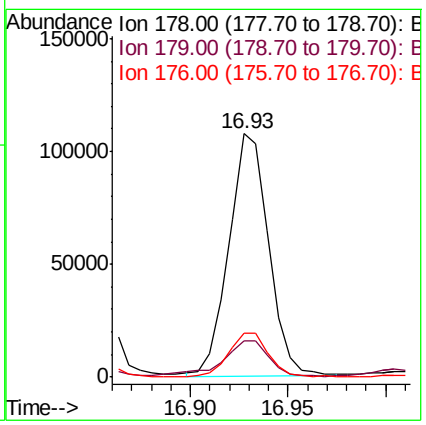


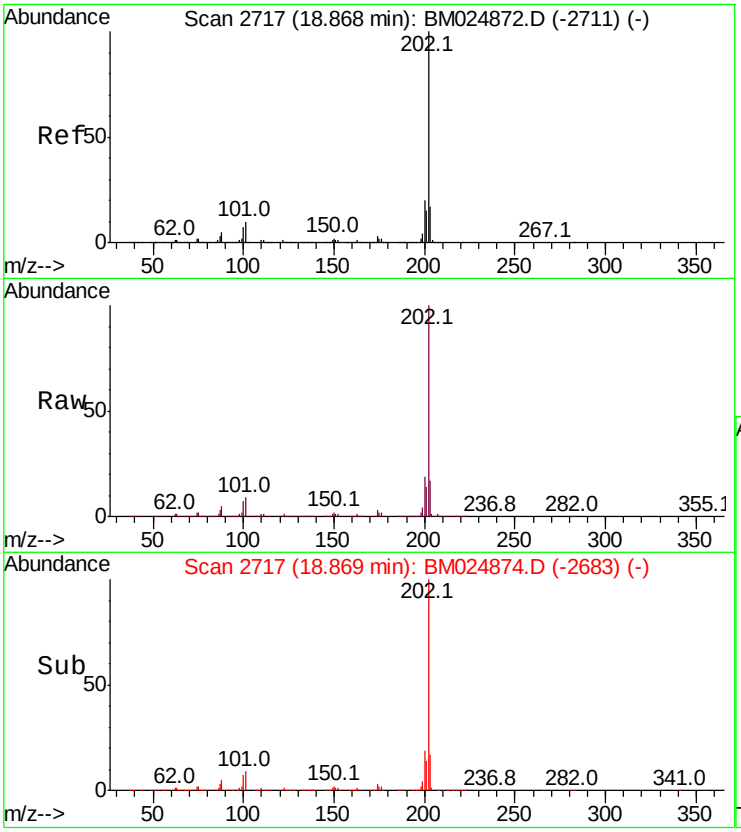


#72
Anthracene
Concen: 1.373 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Tgt Ion:178 Resp: 151093

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.1	14.1	21.1



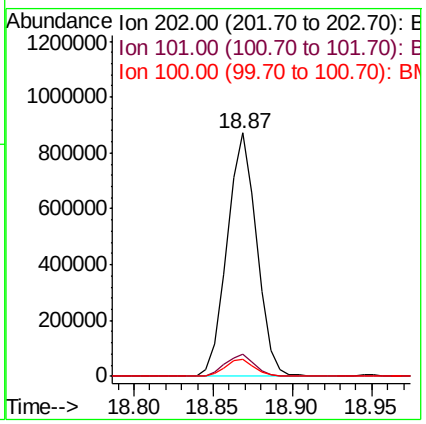


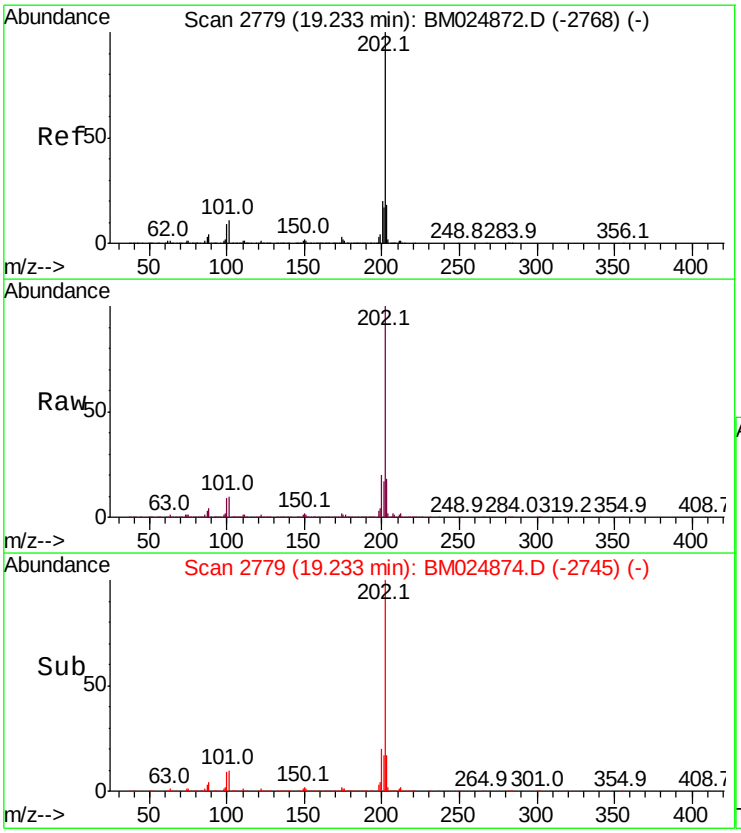
#77
Fluoranthene
Concen: 8.421 ng/ul
RT: 18.87 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Instrument :
BNA_M
ClientSampleId :
CB6P0

Tgt Ion:202 Resp: 1121659

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.1	9.1
100	6.8	4.8	7.2

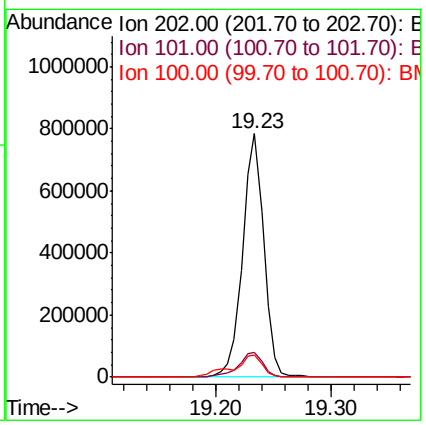


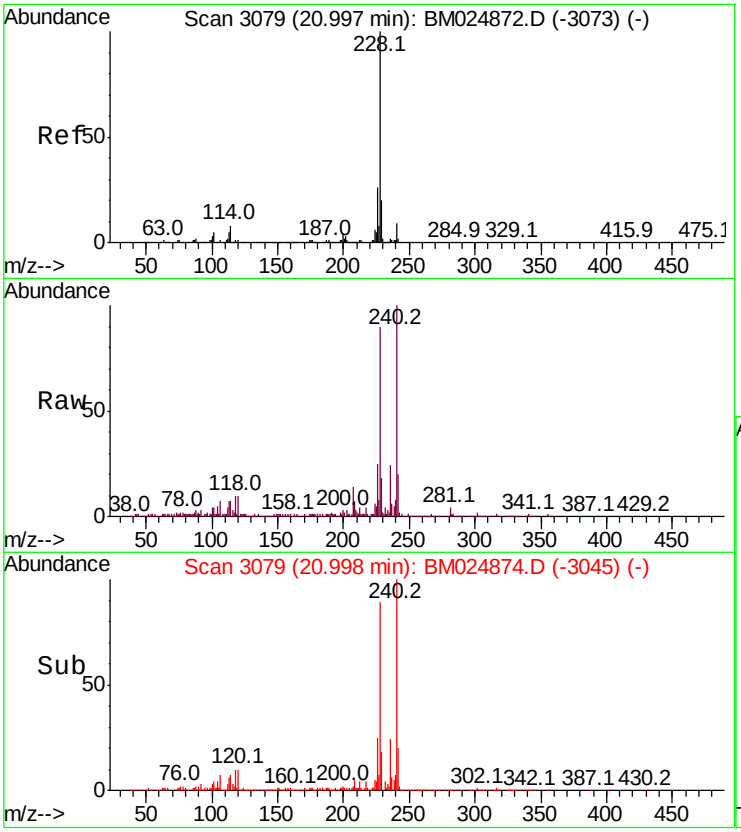


#80
Pyrene
Concen: 7.783 ng/ul
RT: 19.23 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Tgt Ion:202 Resp: 994820

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.0	10.4
100	8.9	5.8	8.8#



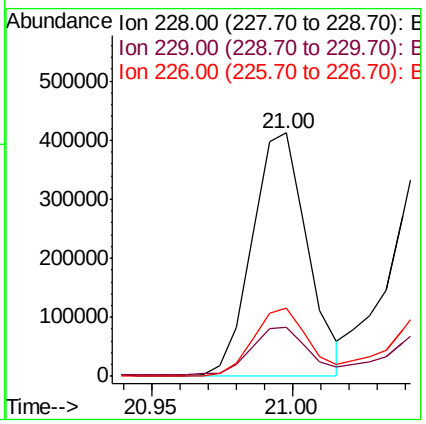


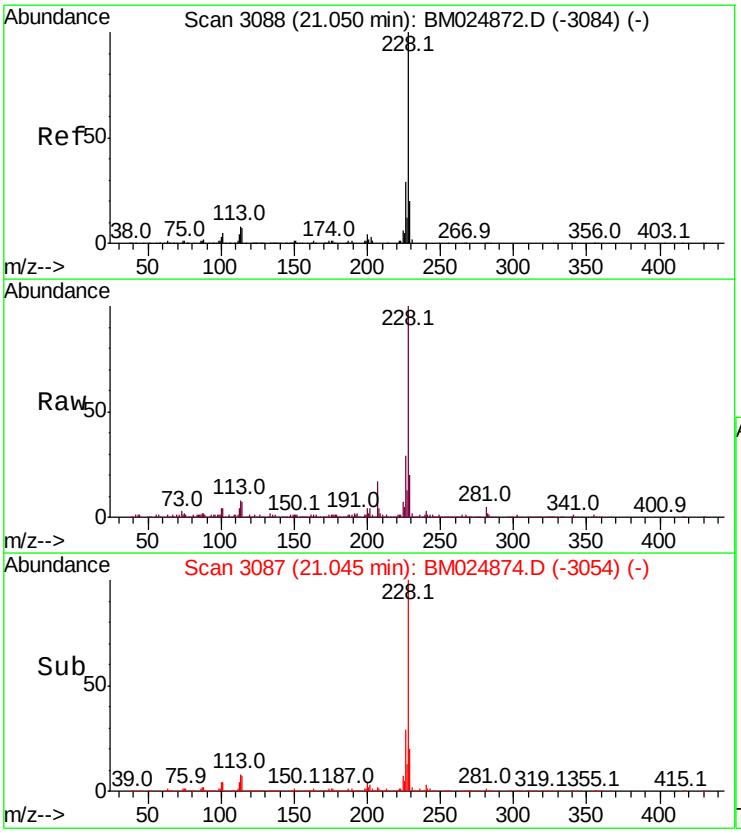
#83
Benzo(a)anthracene
Concen: 4.285 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Instrument :
BNA_M
ClientSampleId :
CB6P0

Tgt Ion:228 Resp: 557339

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.8	20.8	31.2

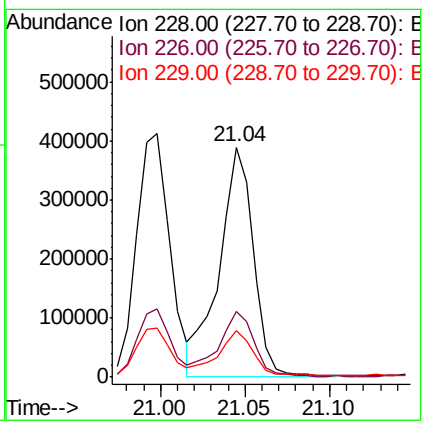


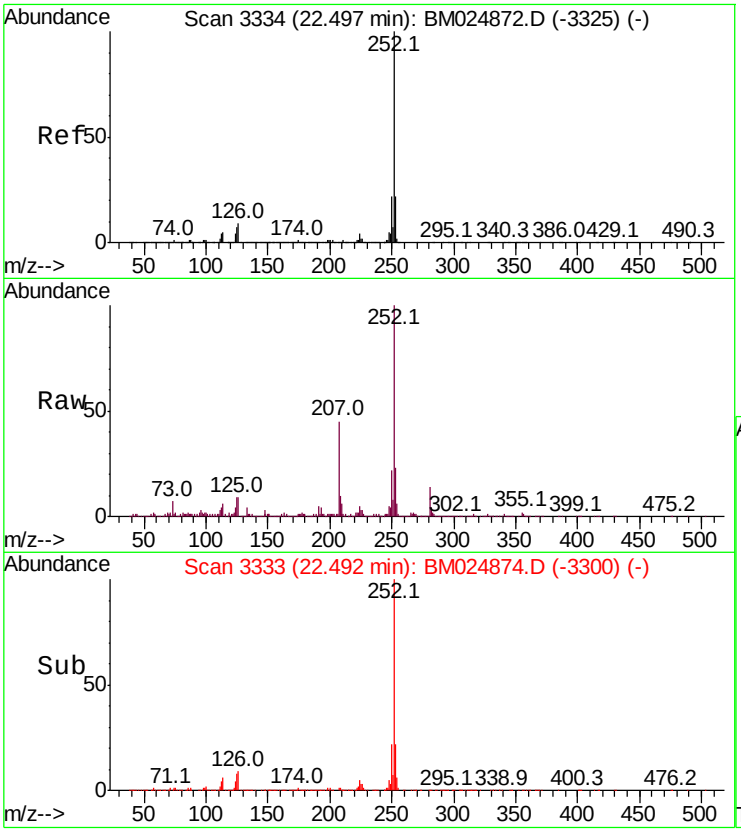


#85
Chrysene
Concen: 4.280 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Tgt Ion:228 Resp: 548109

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	20.0	15.8	23.8



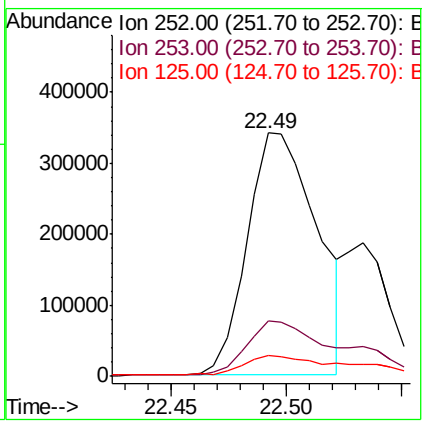


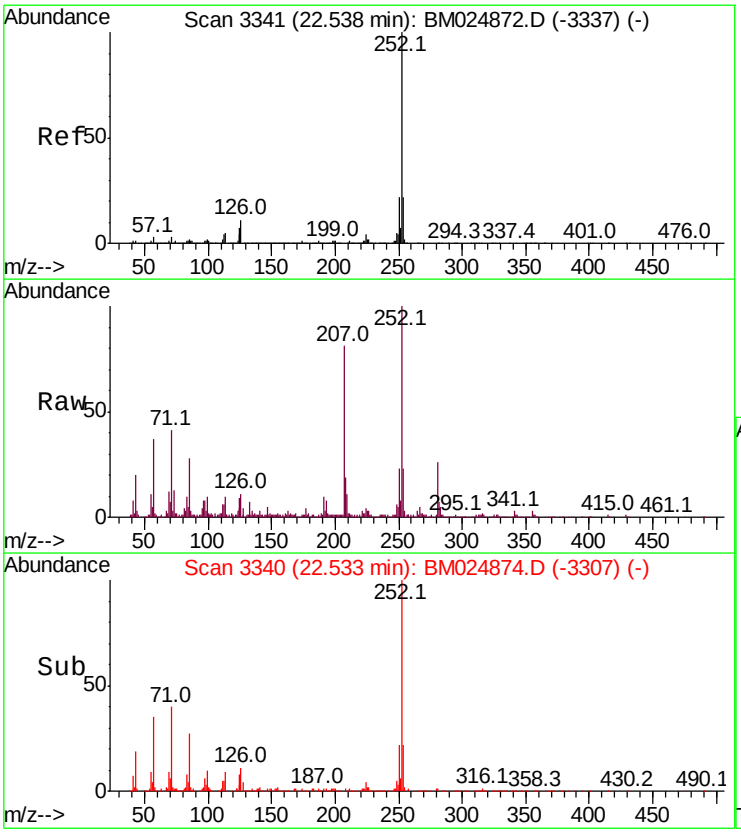
#88
Benzo(b)fluoranthene
Concen: 5.505 ng/ul
RT: 22.49 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Instrument :
BNA_M
ClientSampleId :
CB6P0

Tgt Ion:252 Resp: 717598

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	8.7	5.1	7.7#

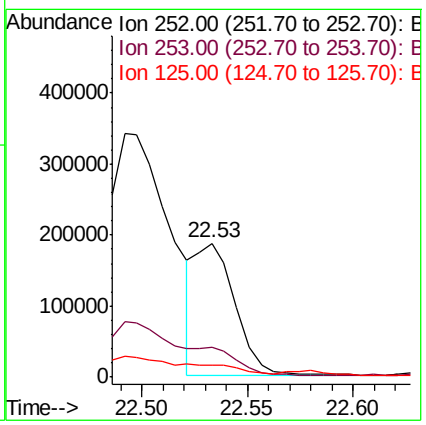


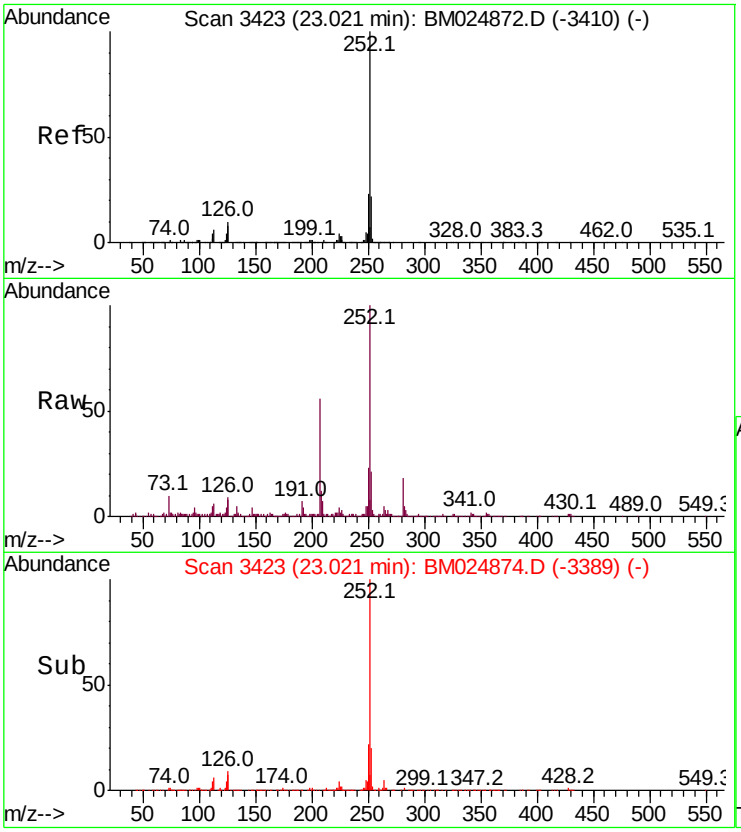


#89
Benzo(k)fluoranthene
Concen: 1.913 ng/ul
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Tgt Ion:252 Resp: 239995

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	9.3	5.1	7.7#



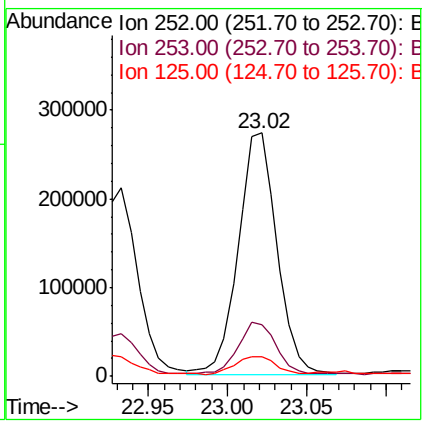


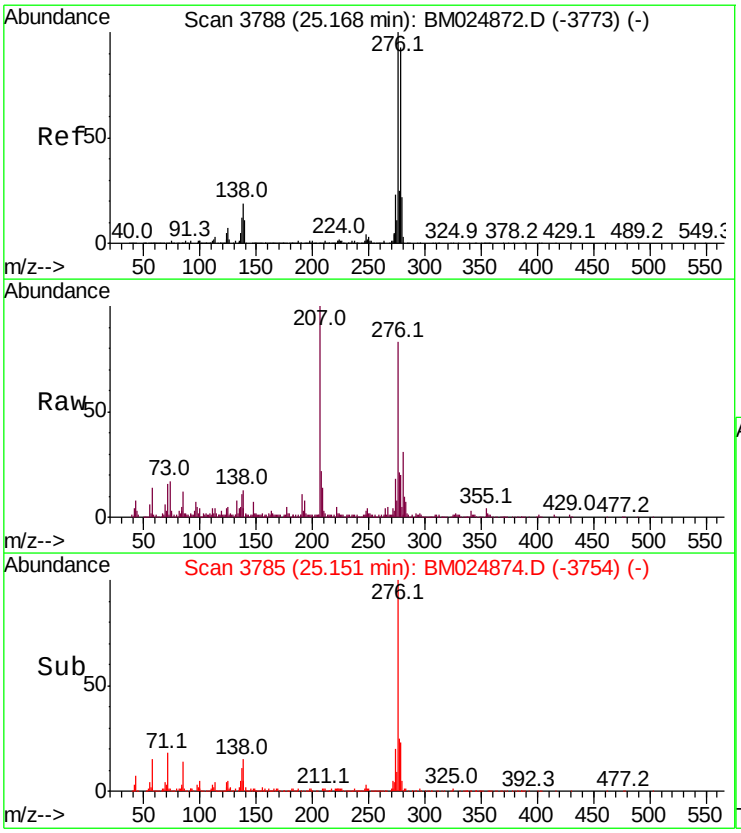
#91
Benzo(a)pyrene
Concen: 3.942 ng/ul
RT: 23.02 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Instrument :
BNA_M
ClientSampleId :
CB6P0

Tgt Ion:252 Resp: 460694

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	8.2	5.6	8.4

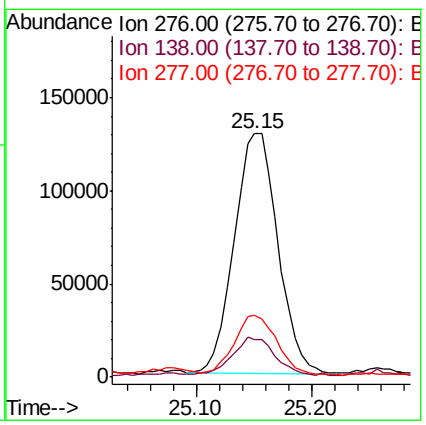


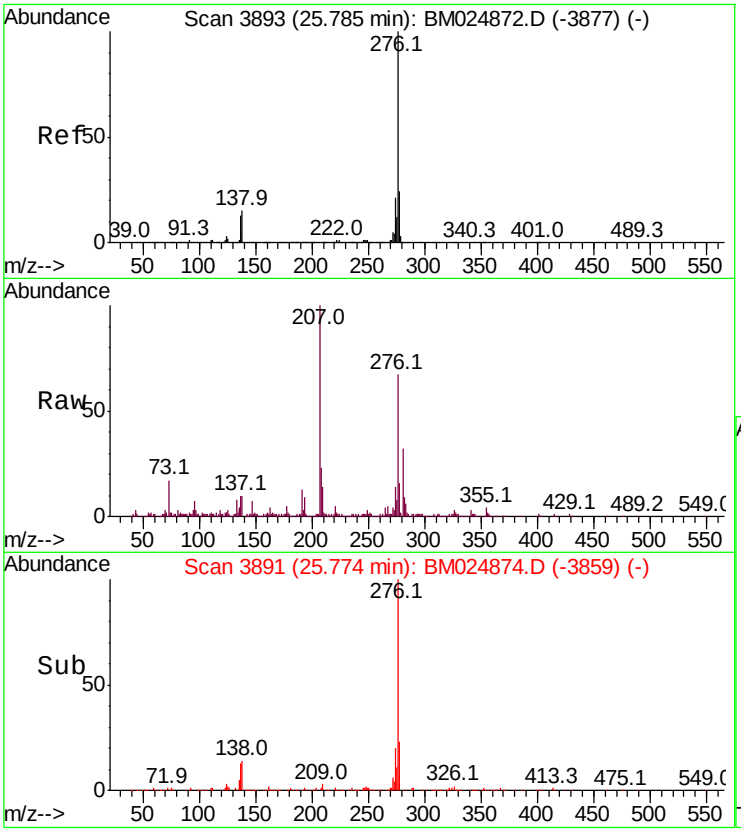


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.319 ng/ul
RT: 25.15 min Scan# 3785
Delta R.T. -0.02 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Tgt Ion:276 Resp: 337357

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.8	19.2
277	25.2	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 2.464 ng/ul
RT: 25.77 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BM024874.D
Acq: 14 Feb 2020 03:21

Instrument :
BNA_M
ClientSampleId :
CB6P0

Tgt Ion:276 Resp: 298171

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.8	17.6
277	23.5	19.0	28.6