Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
Data File : BM036430.D
Acq On : 26 Aug 2022 17:50
Operator : CG/JU
Sample : N4349-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGN94

Quant Time: Aug 26 23:08:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 14:26:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4200	0.400	ng/ul	0.00
4) Naphthalene-d8	10.589	136	16767	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.432	164	10610	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	22542	0.400	ng/ul	0.00
17) Chrysene-d12	21.367	240	29018	0.400	ng/ul	# 0.00
23) Perylene-d12	23.685	264	23664	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	29699	5.251	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	8967	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	23392	0.653	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	151	0.028	ng/ul#	4
5) Naphthalene	10.638	128	1078	0.023	ng/ul#	80
19) Fluoranthene	19.239	202	2283	0.023	ng/ul#	87
20) Pyrene	19.597	202	2371	0.023	ng/ul#	69
21) Benzo(a)anthracene	21.353	228	7602	0.063	ng/ul	99
22) Chrysene	21.405	228	15617	0.095	ng/ul	99
24) Benzo(b)fluoranthene	22.978	252	20575	0.119	ng/ul	96
25) Benzo(k)fluoranthene	23.025	252	17202	0.099	ng/ul	95
26) Benzo(a)pyrene	23.577	252	4329	0.040	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.147	276	3192	0.039	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.168	278	2289	0.033	ng/ul#	47
29) Benzo(g,h,i)perylene	26.882	276	2027	0.027	ng/ul#	68

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

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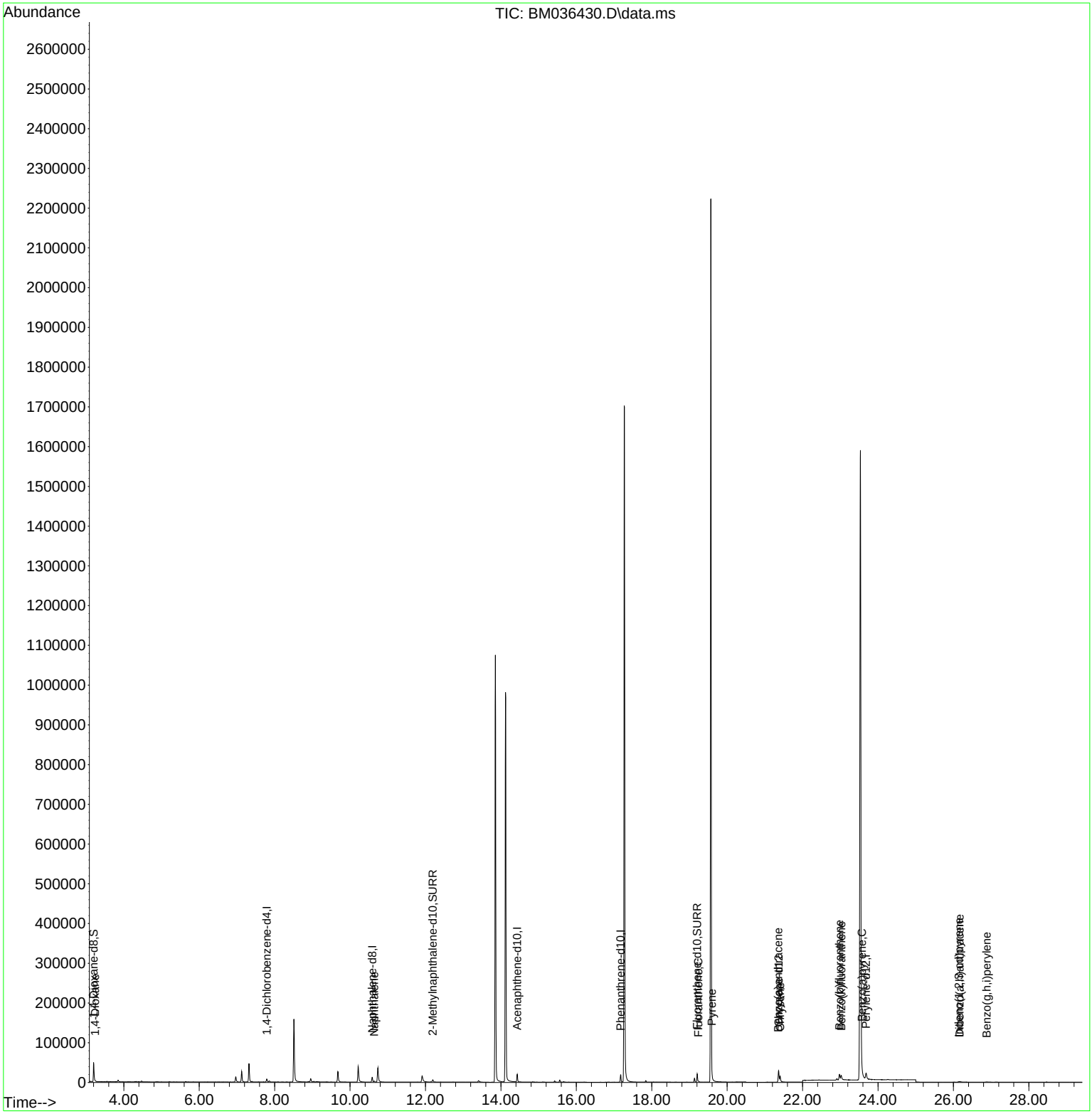
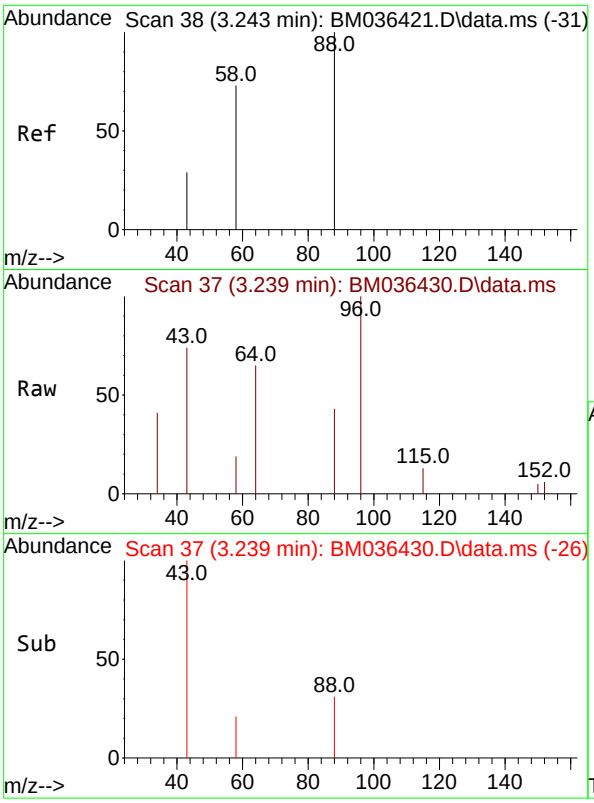


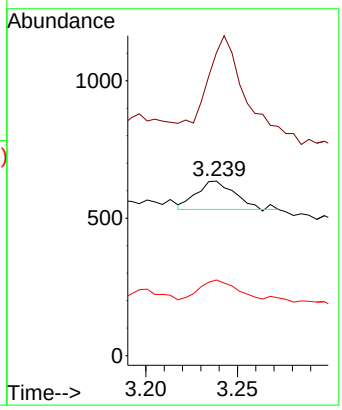


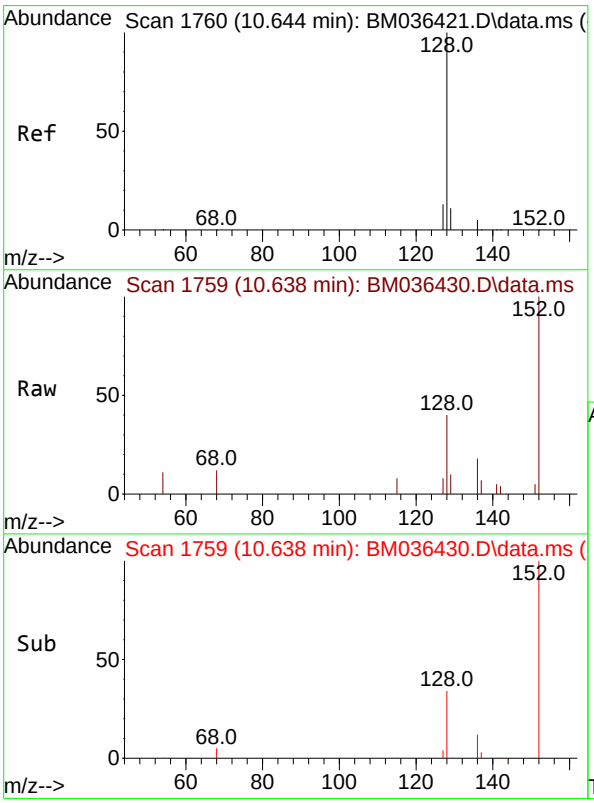
#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.239 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Instrument :
BNA_M
ClientSampleId :
BGN94

Tgt Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
43	173.5	37.8	56.6#
58	43.3	42.6	63.8

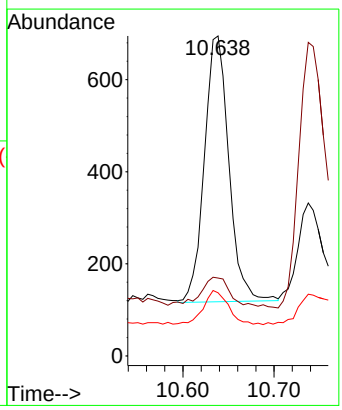


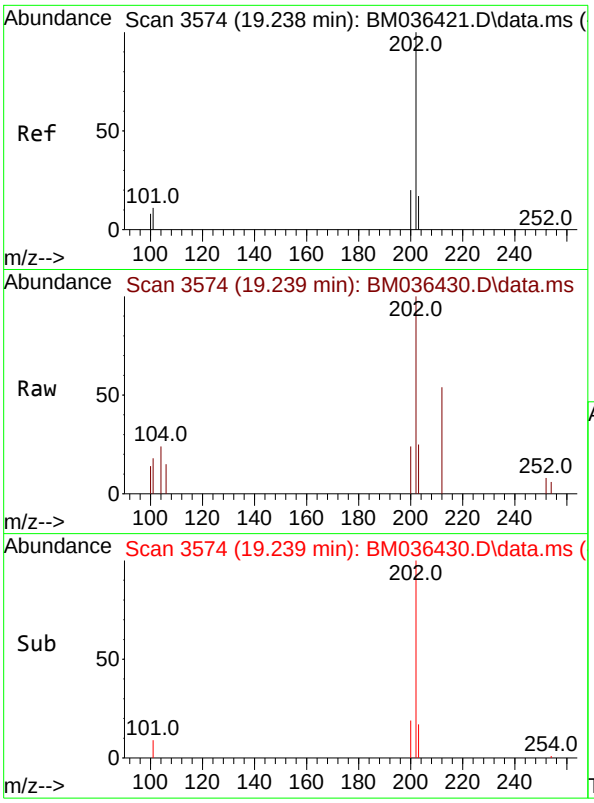


#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.638 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Tgt Ion:128 Resp: 1078

Ion	Ratio	Lower	Upper
128	100		
129	24.3	10.2	15.2#
127	19.7	11.7	17.5#



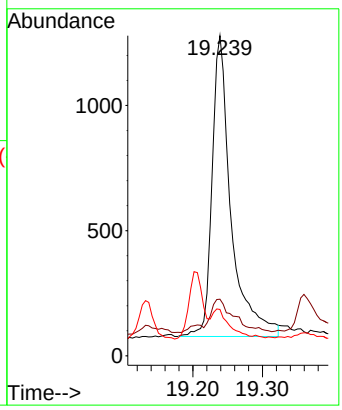


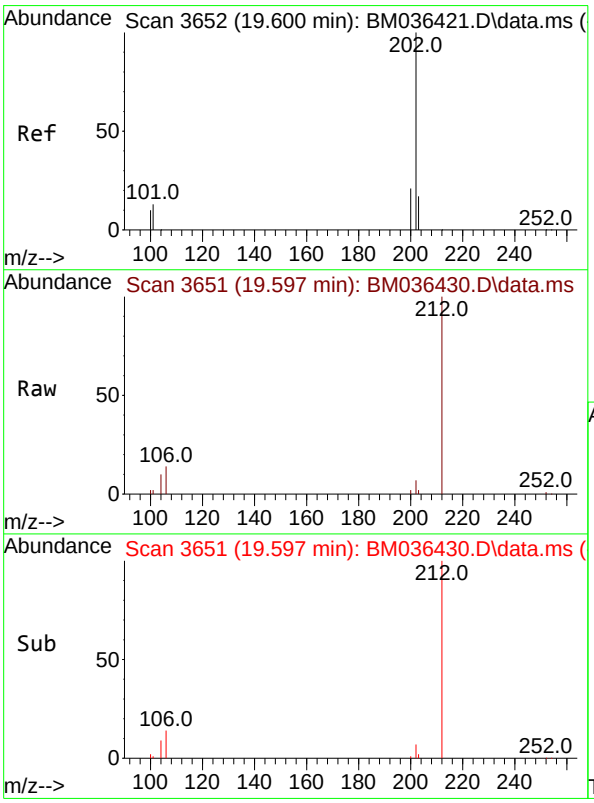
#19
Fluoranthene
Concen: 0.023 ng/ul
RT: 19.239 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Instrument :
BNA_M
ClientSampleId :
BGN94

Tgt Ion:202 Resp: 2283

Ion	Ratio	Lower	Upper
202	100		
101	17.7	10.1	15.1#
100	14.5	7.9	11.9#

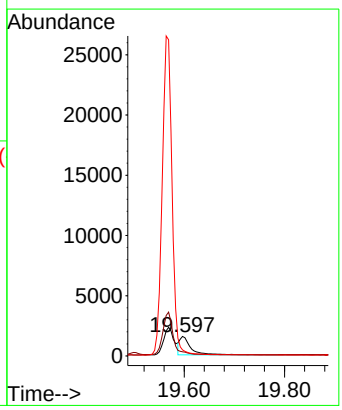


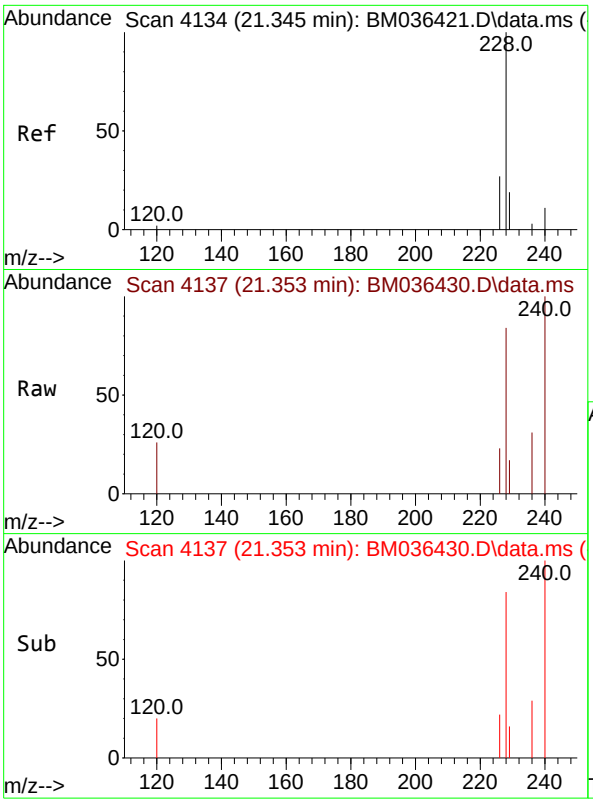


#20
Pyrene
Concen: 0.023 ng/ul
RT: 19.597 min Scan# 3651
Delta R.T. -0.003 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Tgt Ion:202 Resp: 2371

Ion	Ratio	Lower	Upper
202	100		
101	21.6	12.0	18.0#
100	31.2	9.8	14.6#



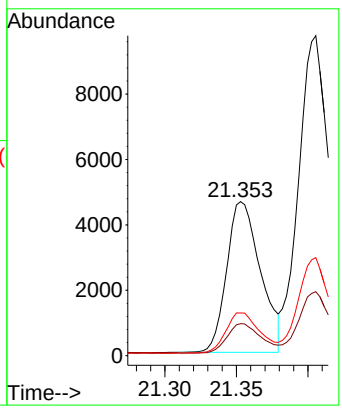


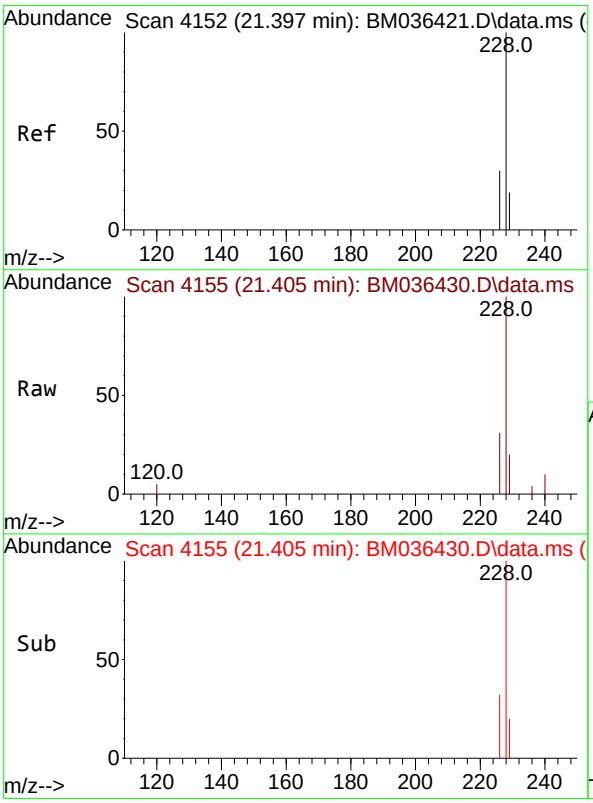
#21
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.353 min Scan# 4
Delta R.T. 0.008 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Instrument :
BNA_M
ClientSampleId :
BGN94

Tgt Ion:228 Resp: 7602

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	27.8	22.5	33.7

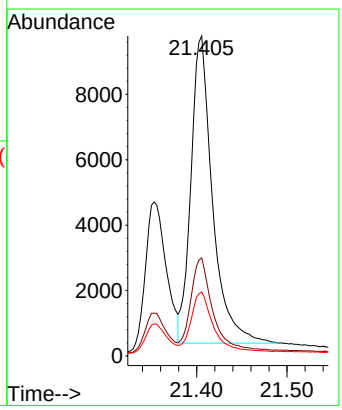


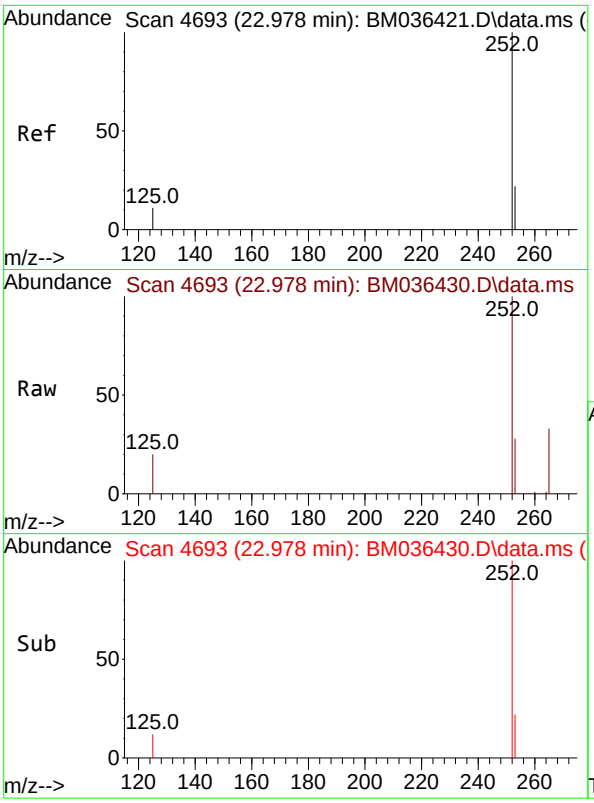


#22
Chrysene
Concen: 0.095 ng/ul
RT: 21.405 min Scan# 4155
Delta R.T. 0.008 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Tgt Ion:228 Resp: 15617

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.0	16.4	24.6



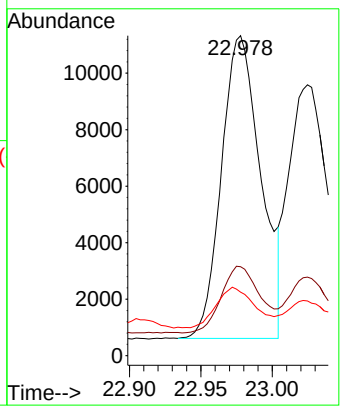


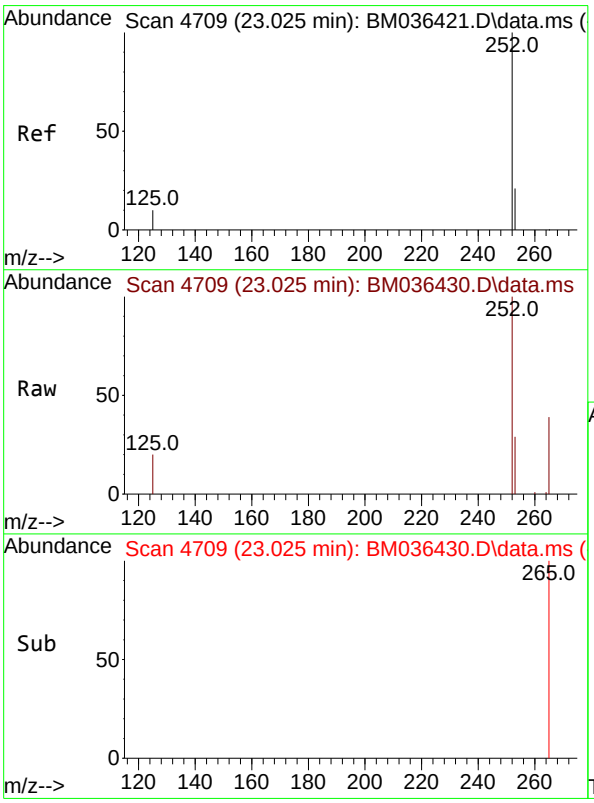
#24
Benzo(b)fluoranthene
Concen: 0.119 ng/ul
RT: 22.978 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Instrument :
BNA_M
ClientSampleId :
BGN94

Tgt Ion:252 Resp: 20575

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	61.4
125	19.9	0.0	42.6

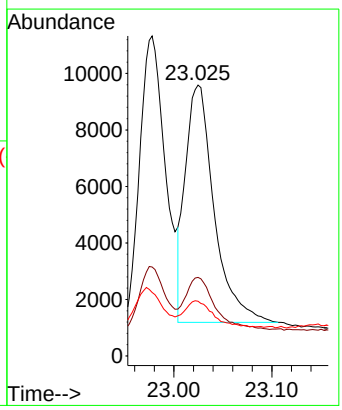


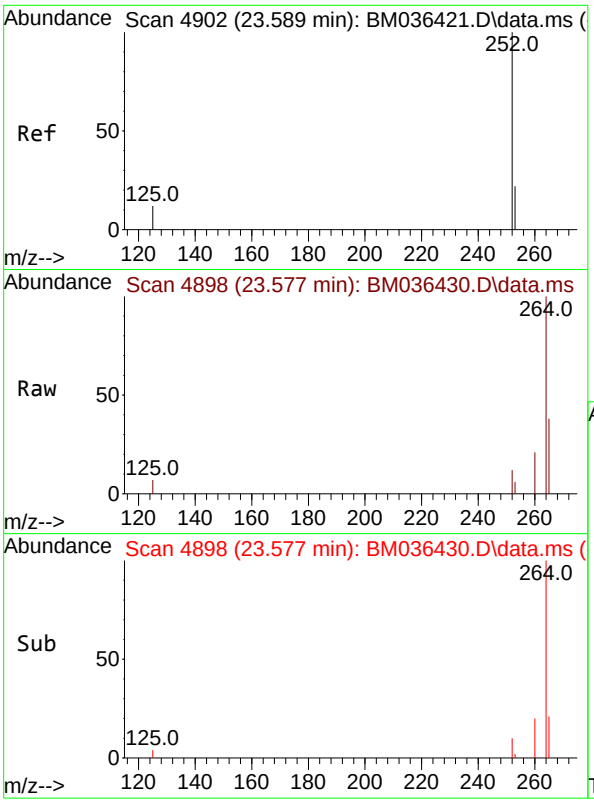


#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.001 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Tgt Ion:252 Resp: 17202

Ion	Ratio	Lower	Upper
252	100		
253	29.0	25.2	37.8
125	20.2	18.3	27.5



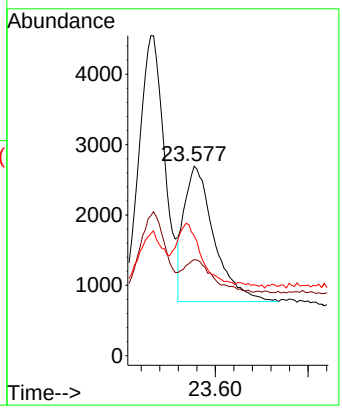


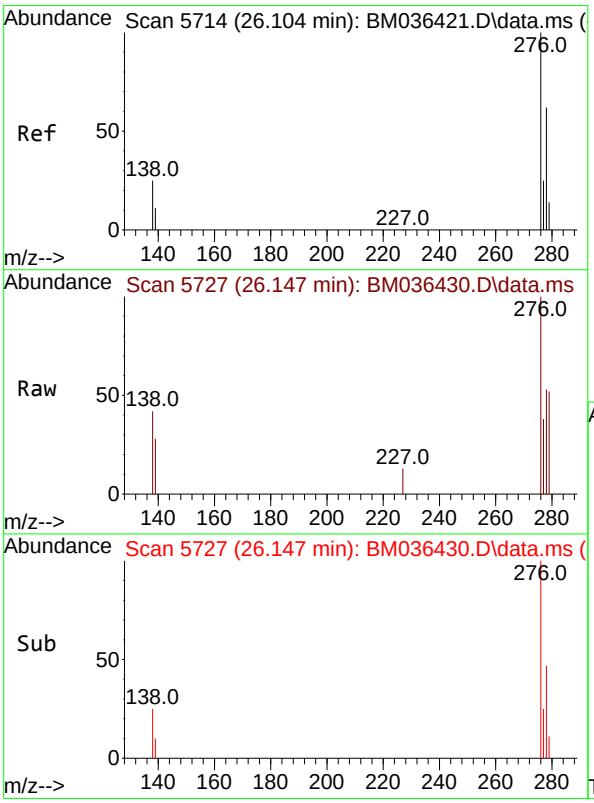
#26
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.577 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Instrument :
BNA_M
ClientSampleId :
BGN94

Tgt Ion:252 Resp: 4329

Ion	Ratio	Lower	Upper
252	100		
253	50.7	29.7	44.5#
125	63.2	23.6	35.4#

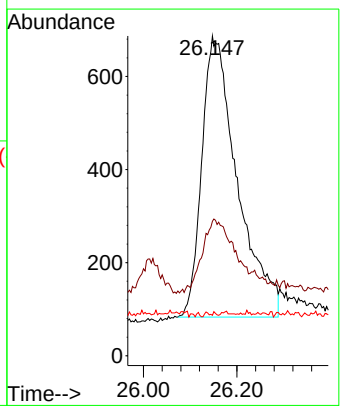


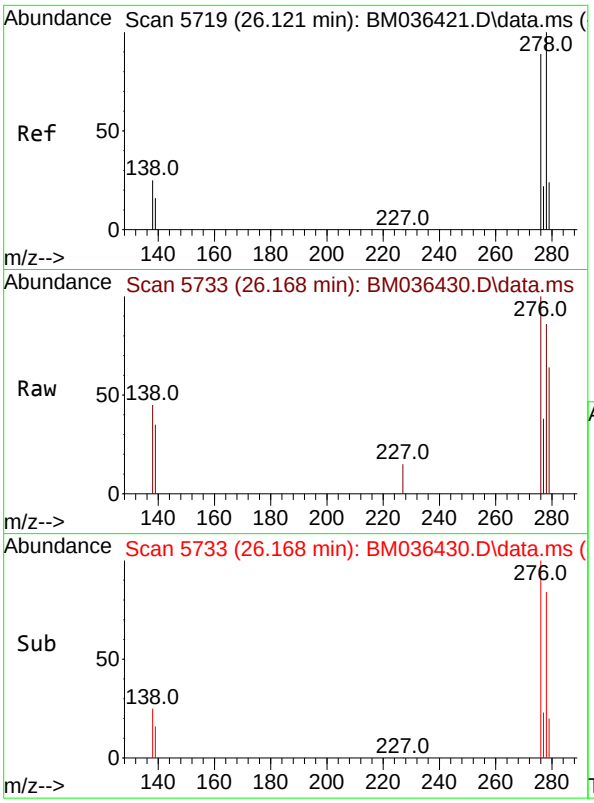


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng/ul
RT: 26.147 min Scan# 5727
Delta R.T. 0.043 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Tgt Ion:276 Resp: 3192

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.9	35.9
227	0.2	0.1	0.1#



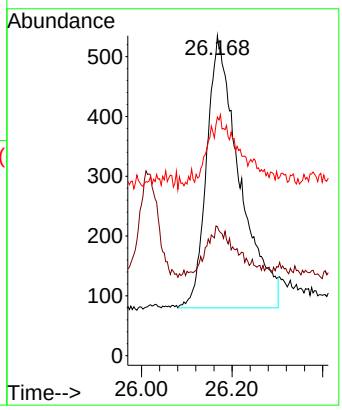


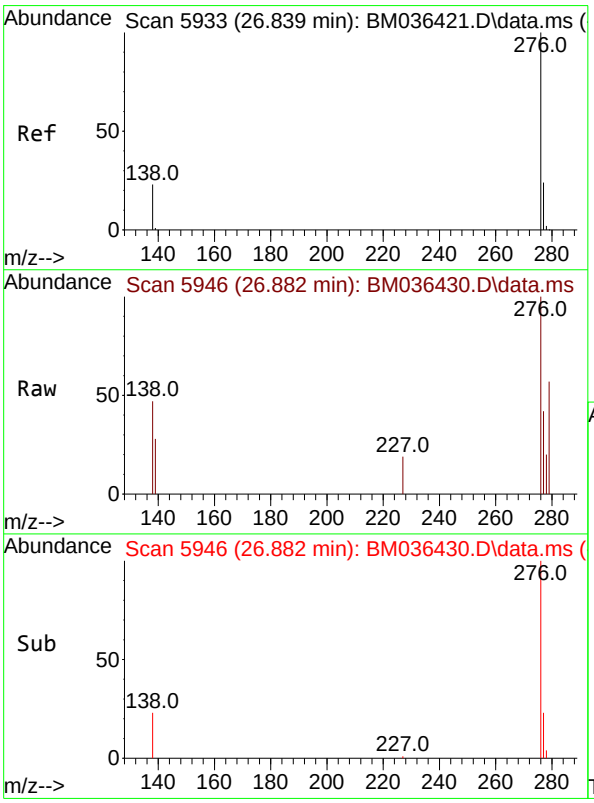
#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 26.168 min Scan# 5
Delta R.T. 0.046 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Instrument :
BNA_M
ClientSampleId :
BGN94

Tgt Ion:278 Resp: 2289

Ion	Ratio	Lower	Upper
278	100		
139	40.4	19.8	29.6#
279	74.6	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. 0.043 min
Lab File: BM036430.D
Acq: 26 Aug 2022 17:50

Tgt Ion:276 Resp: 2027

Ion	Ratio	Lower	Upper
276	100		
138	47.4	23.4	35.0#
277	41.9	21.0	31.4#