Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038305.D
Acq On : 25 Dec 2022 12:27
Operator : CG/JU
Sample : N6016-16DL 5X
Misc :
ALS Vial : 114 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 25 23:55:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	10371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	5948	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11710	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8116	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7963	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	1978	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	599	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	1218	0.040	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	137	0.041	ng/ul#	42
5) Naphthalene	10.889	128	902	0.030	ng/ul#	79
11) Acenaphthene	14.717	153	1545	0.066	ng/ul	98
12) Fluorene	15.698	166	2539	0.100	ng/ul	96
15) Phenanthrene	17.434	178	32430	0.828	ng/ul	99
16) Anthracene	17.527	178	7407	0.197	ng/ul	97
19) Fluoranthene	19.445	202	52050	1.171	ng/ul	97
20) Pyrene	19.808	202	47697	1.062	ng/ul	96
21) Benzo(a)anthracene	21.548	228	28284	0.795	ng/ul	98
22) Chrysene	21.603	228	28603	0.826	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	40788	1.157	ng/ul	92
26) Benzo(a)pyrene	23.901	252	28095	0.914	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.559	276	21429	0.502	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.572	278	4582	0.138	ng/ul#	79
29) Benzo(g,h,i)perylene	27.353	276	20826	0.580	ng/ul	96

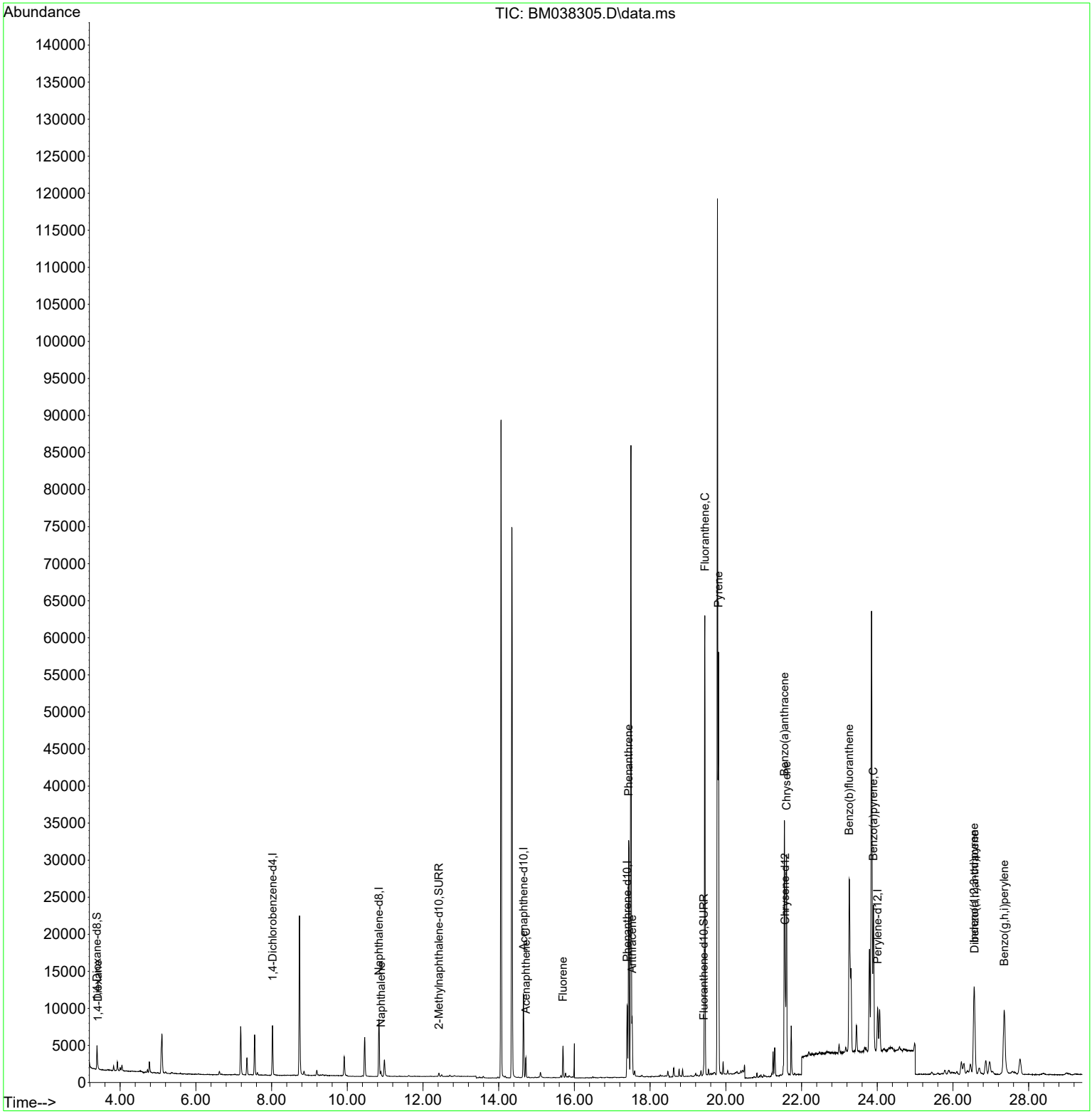
(#) = qualifier out of range (m) = manual integration (+) = signals summed

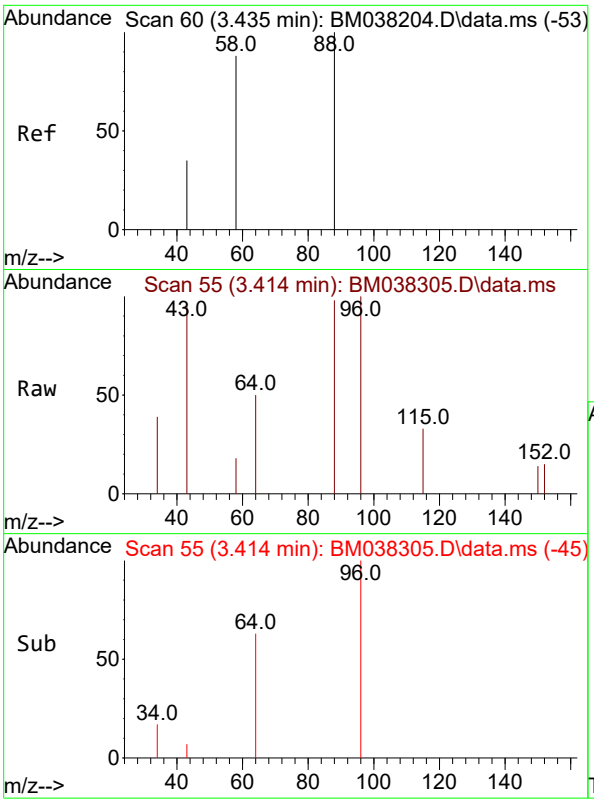
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038305.D
Acq On : 25 Dec 2022 12:27
Operator : CG/JU
Sample : N6016-16DL 5X
Misc :
ALS Vial : 114 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 25 23:55:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration



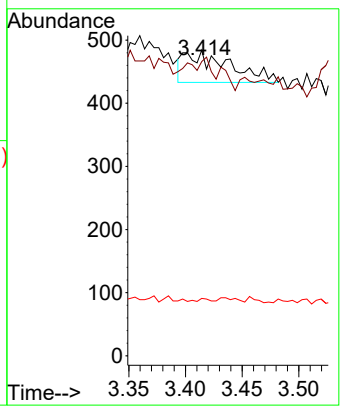


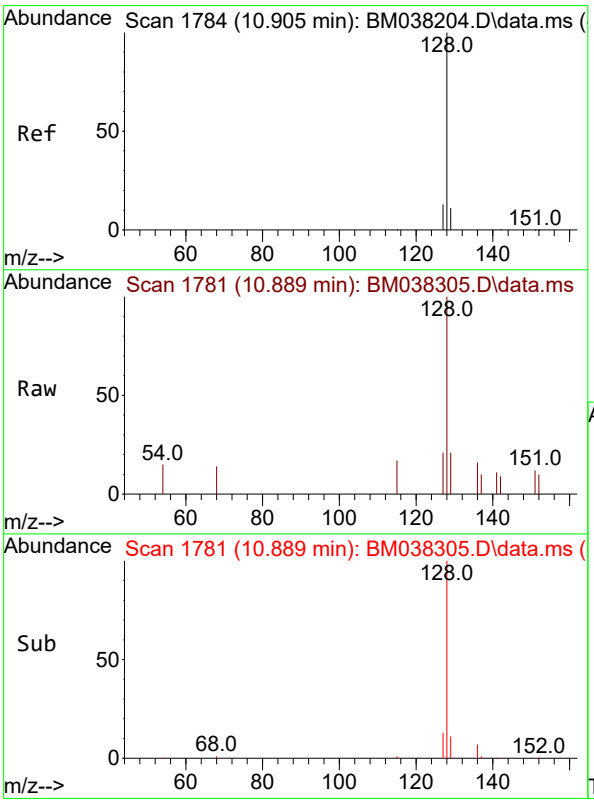
#2
1,4-Dioxane
Concen: 0.041 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 137

Ion	Ratio	Lower	Upper
88	100		
43	96.3	46.4	69.6#
58	18.8	56.9	85.3#

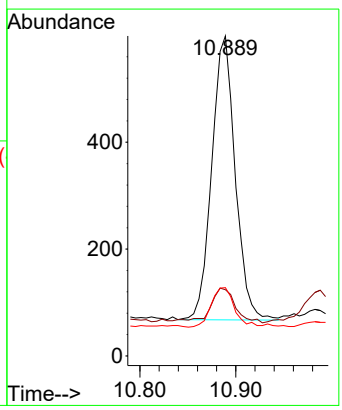


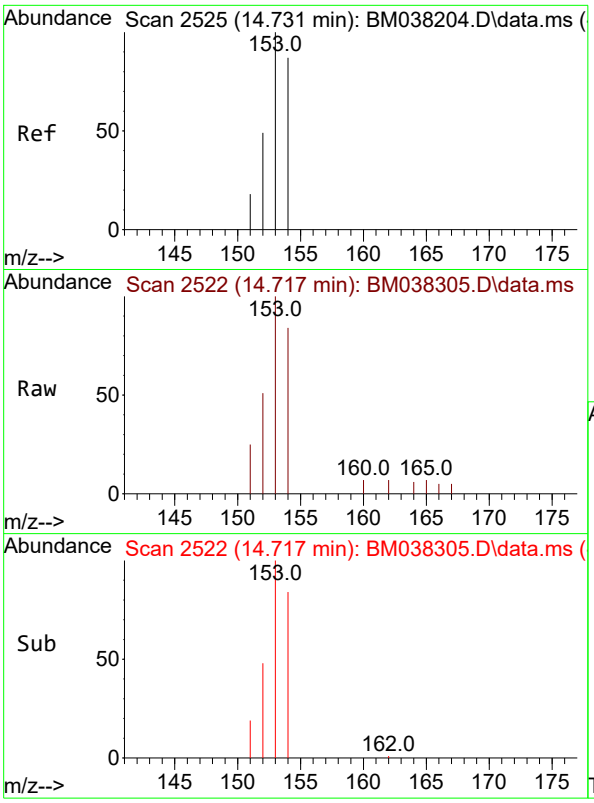


#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:128 Resp: 902

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.4	14.0#
127	21.4	10.7	16.1#



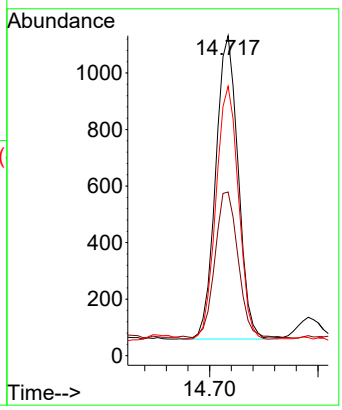


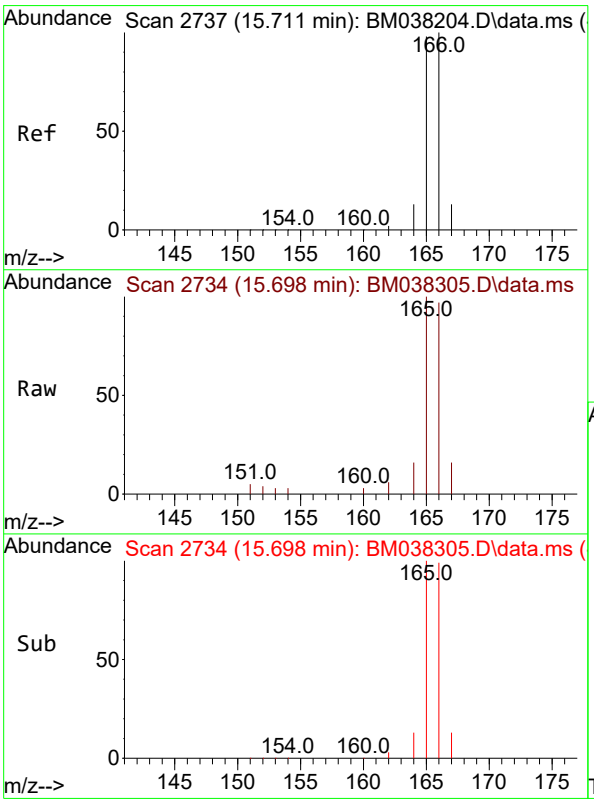
#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.717 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1545

Ion	Ratio	Lower	Upper
153	100		
152	51.1	39.4	59.0
154	84.2	69.0	103.4

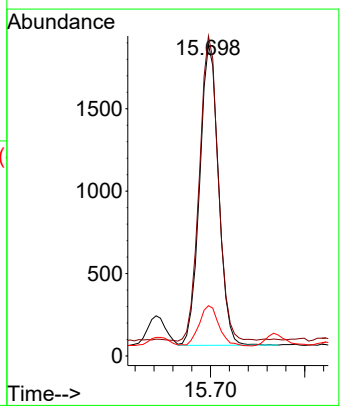


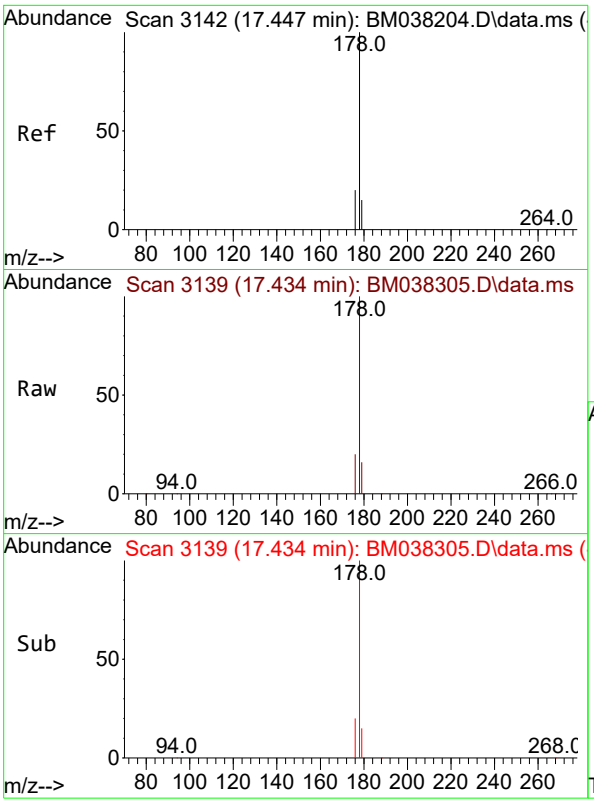


#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.698 min Scan# 2734
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:166 Resp: 2539

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.0	118.6
167	16.1	11.0	16.6



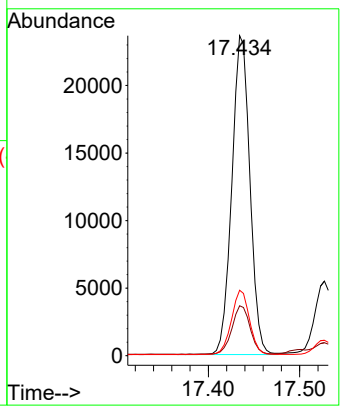


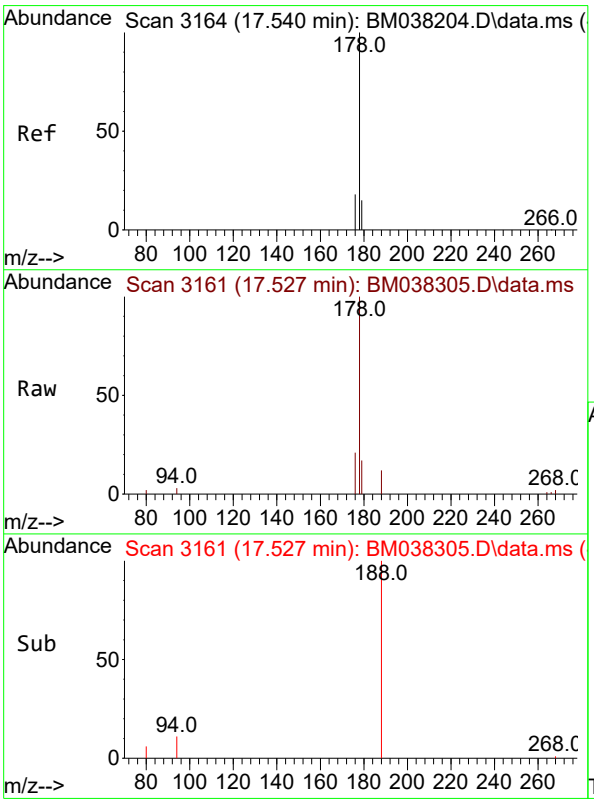
#15
Phenanthrene
Concen: 0.828 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 32430

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	20.4	16.2	24.4

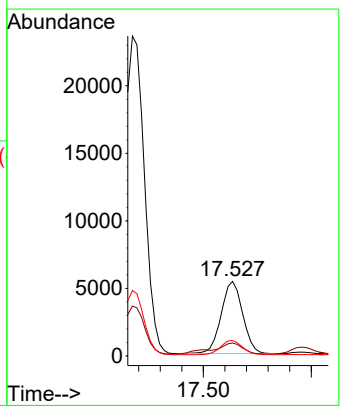


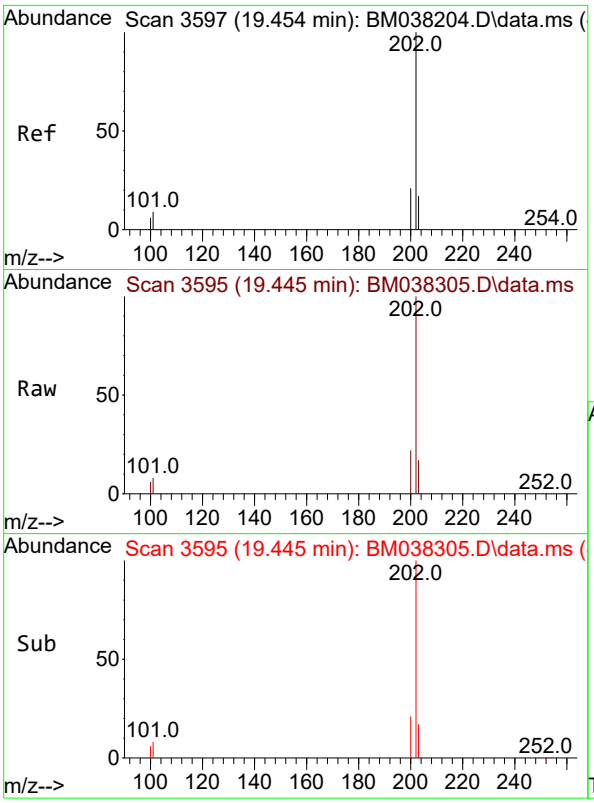


#16
Anthracene
Concen: 0.197 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:178 Resp: 7407

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.6
176	20.6	15.6	23.4



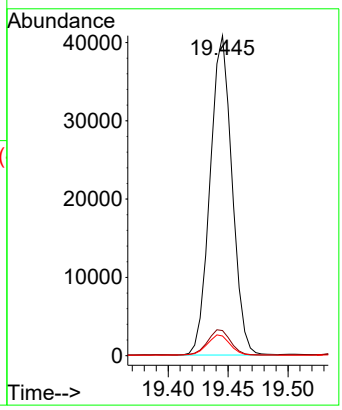


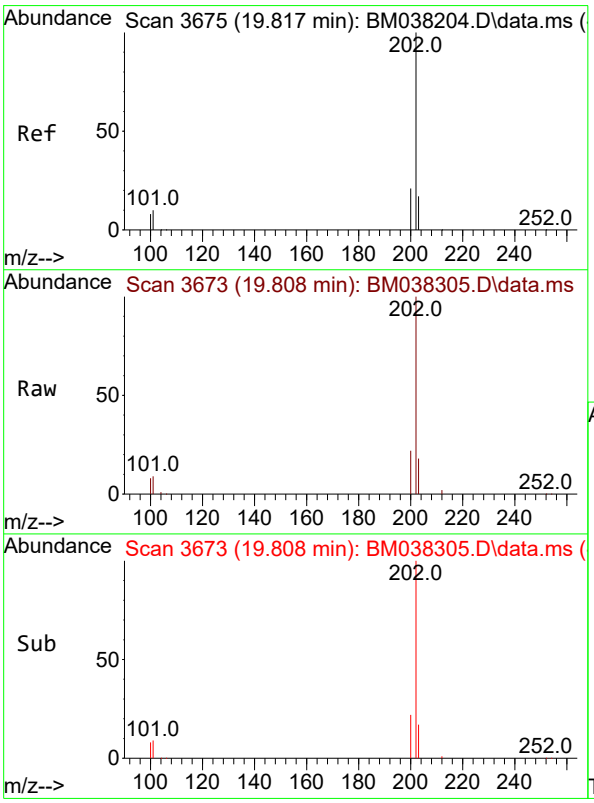
#19
Fluoranthene
Concen: 1.171 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 52050

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.5	11.3
100	6.1	5.6	8.4

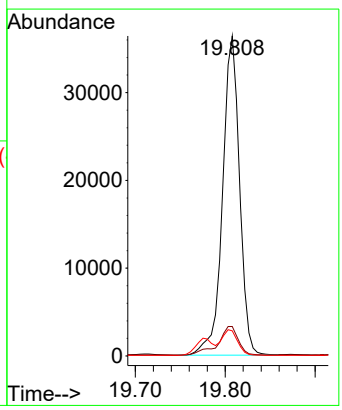


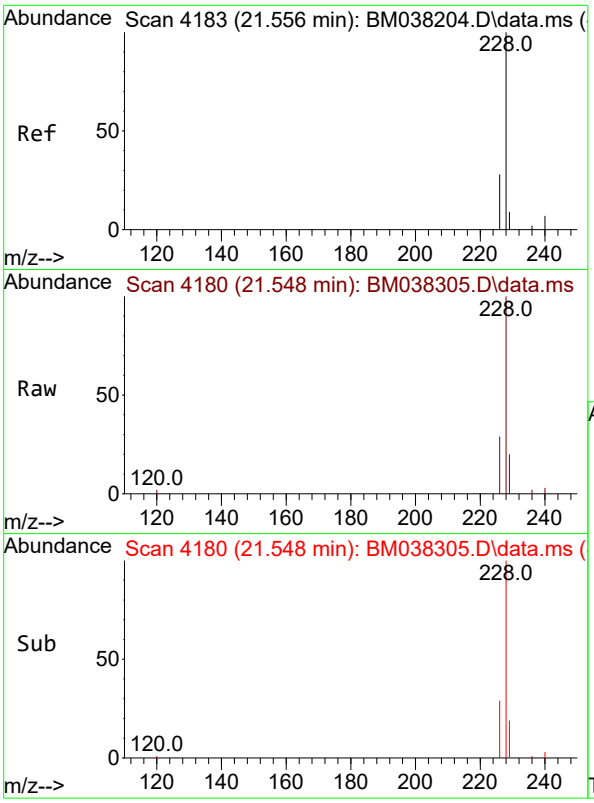


#20
Pyrene
Concen: 1.062 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:202 Resp: 47697

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.9	13.3
100	7.9	7.4	11.0



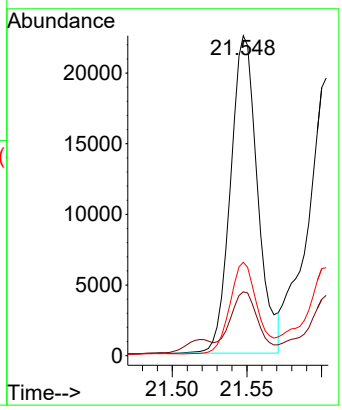


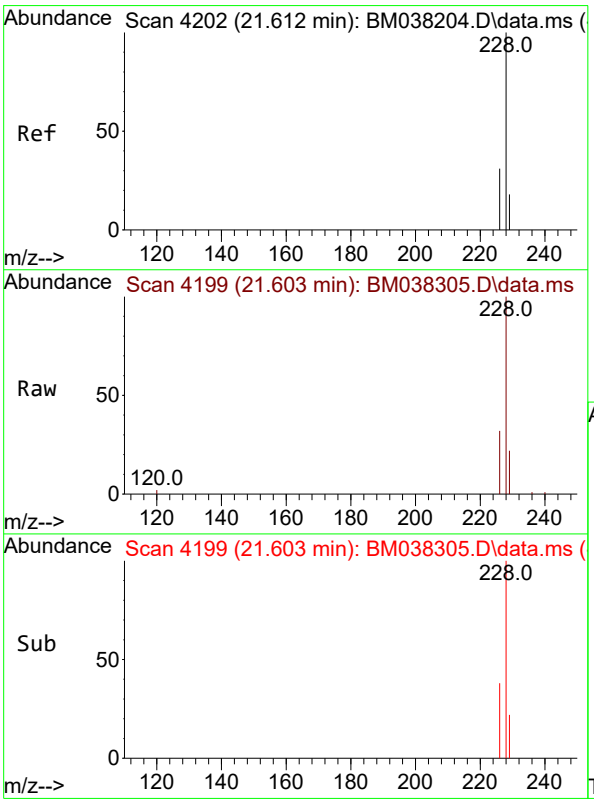
#21
Benzo(a)anthracene
Concen: 0.795 ng/ul
RT: 21.548 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 28284

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.5	23.3
226	29.2	22.2	33.2

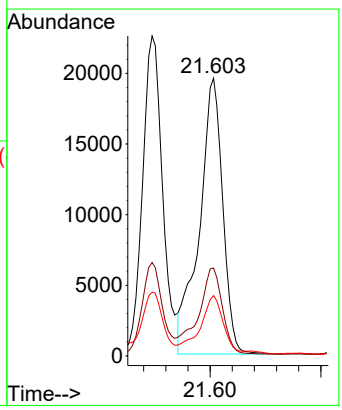


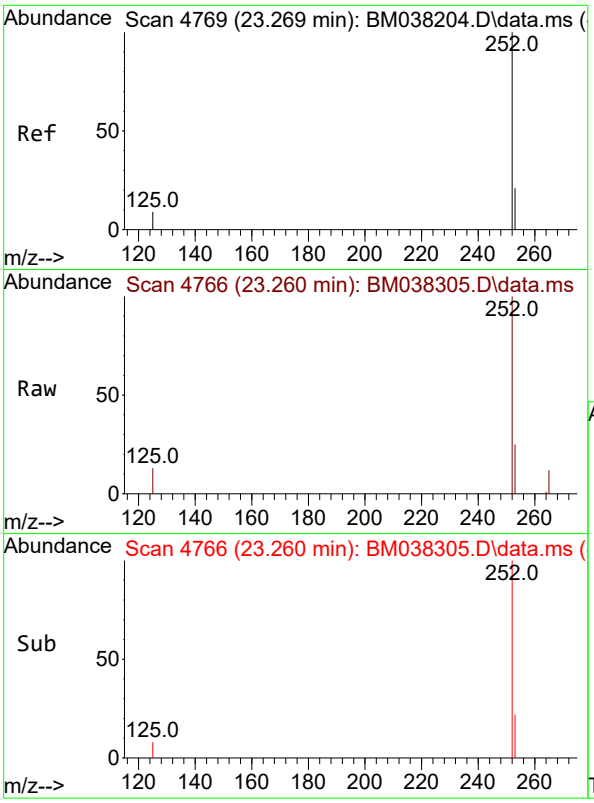


#22
Chrysene
Concen: 0.826 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:228 Resp: 28603

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	21.7	16.0	24.0



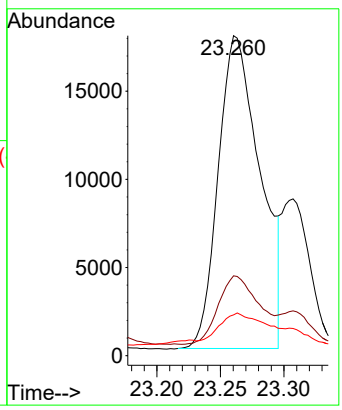


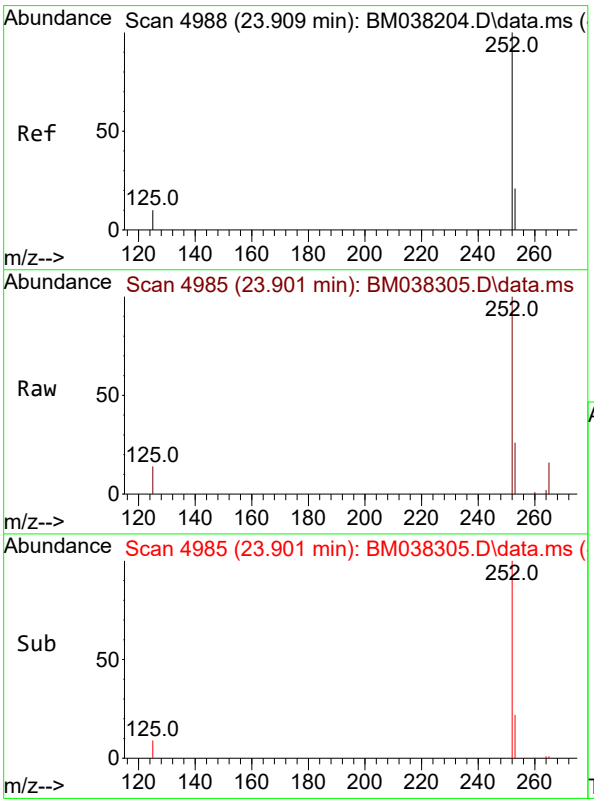
#24
Benzo(b)fluoranthene
Concen: 1.157 ng/ul
RT: 23.260 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 40788

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	56.0
125	12.8	0.0	36.6

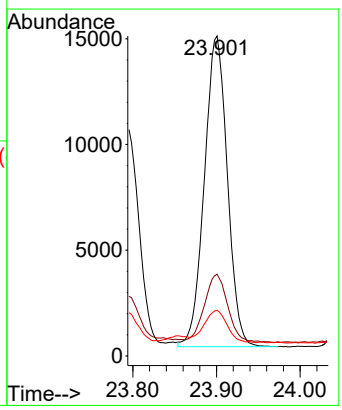


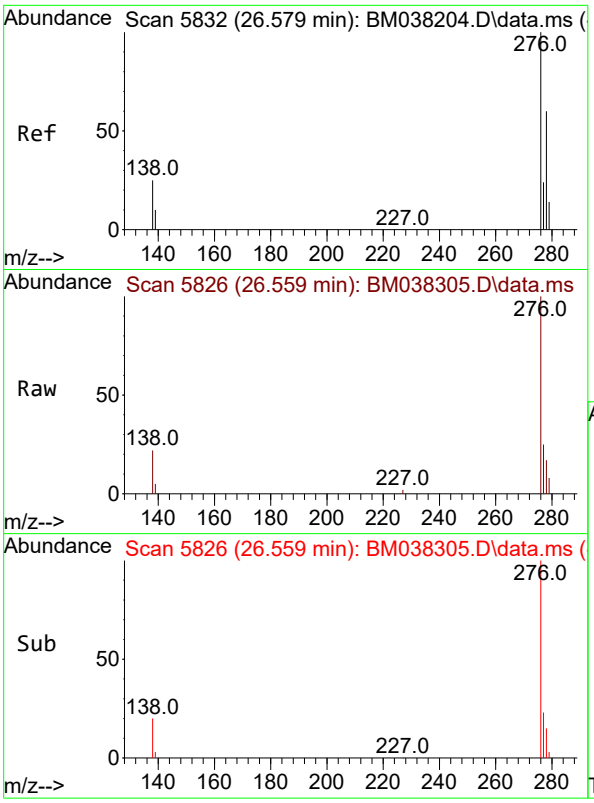


#26
Benzo(a)pyrene
Concen: 0.914 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:252 Resp: 28095

Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.2	36.4
125	14.3	17.3	25.9#



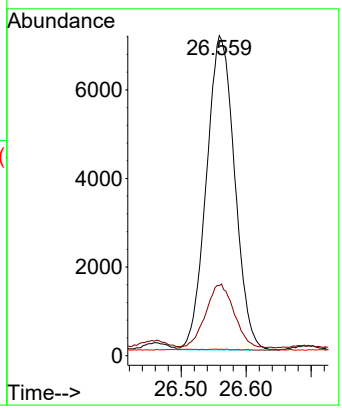


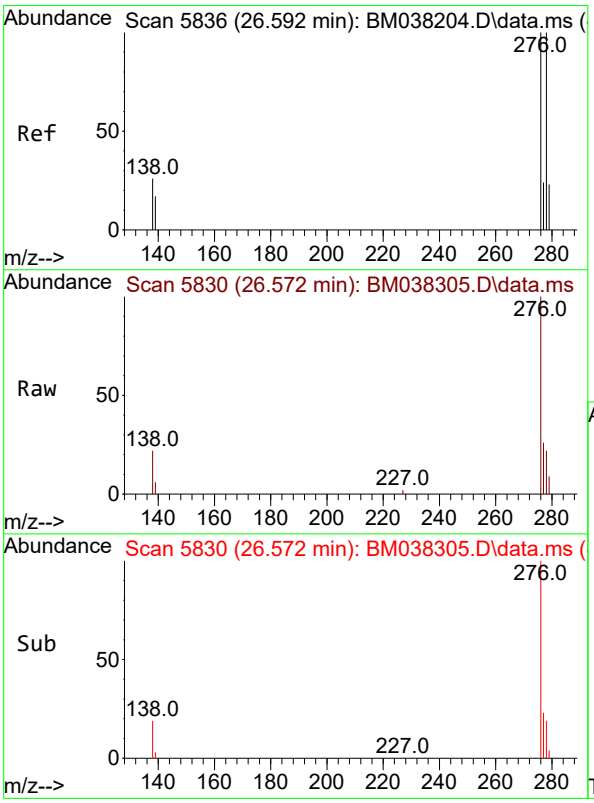
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng/ul
RT: 26.559 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 21429

Ion	Ratio	Lower	Upper
276	100		
138	19.9	21.7	32.5#
227	0.2	0.0	0.0#

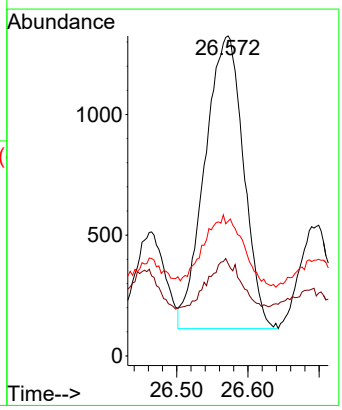


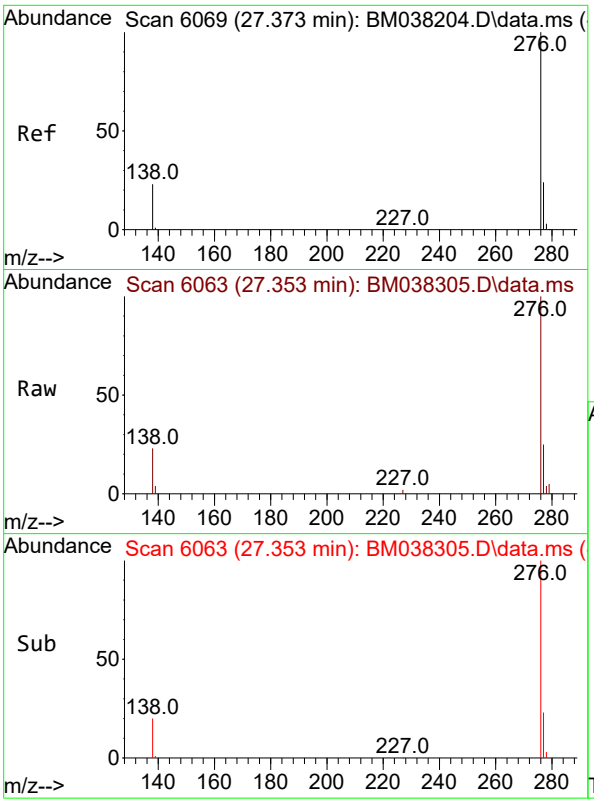


#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:278 Resp: 4582

Ion	Ratio	Lower	Upper
278	100		
139	28.9	16.8	25.2#
279	42.1	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.580 ng/ul
RT: 27.353 min Scan# 6
Delta R.T. -0.007 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 20826

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.8	31.2
277	24.9	20.5	30.7