Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039348.D
Acq On : 07 Apr 2023 11:19
Operator : CG/JU
Sample : 02115-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9C7

Quant Time: Apr 07 23:12:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 23:05:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	5951	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.687	136	20884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.528	164	11705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	20571	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	17008	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	18579	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	18559	1.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.282	152	3824	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.307	212	7845	0.148	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.250	152	2004	0.044	ng/ul#	85
11) Acenaphthene	14.588	153	1450	0.041	ng/ul	98
12) Fluorene	15.578	166	1850	0.052	ng/ul#	96
15) Phenanthrene	17.321	178	42585	0.746	ng/ul	99
16) Anthracene	17.410	178	7948	0.183	ng/ul	96
19) Fluoranthene	19.335	202	117407	1.668	ng/ul	100
20) Pyrene	19.697	202	101133	1.253	ng/ul	99
21) Benzo(a)anthracene	21.449	228	49272	1.256	ng/ul	99
22) Chrysene	21.502	228	51693	1.075	ng/ul	98
24) Benzo(b)fluoranthene	23.127	252	83587	1.418	ng/ul	87
26) Benzo(a)pyrene	23.744	252	37326	0.628	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.329	276	35242	0.471	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	8330	0.159	ng/ul#	84
29) Benzo(g,h,i)perylene	27.087	276	3264	0.046	ng/ul#	52

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039348.D
Acq On : 07 Apr 2023 11:19
Operator : CG/JU
Sample : 02115-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
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CB9C7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 23:05:01 2023
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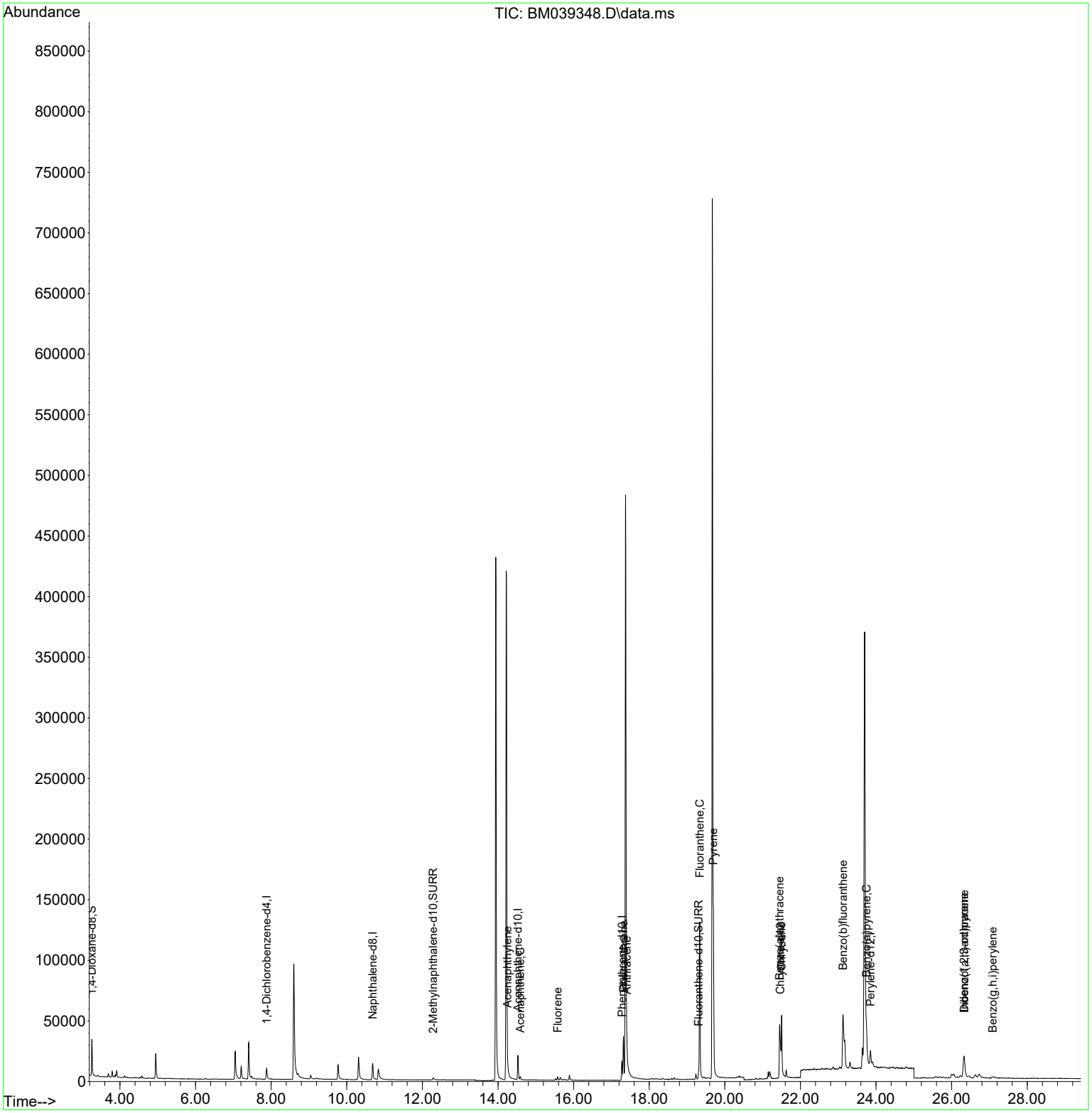
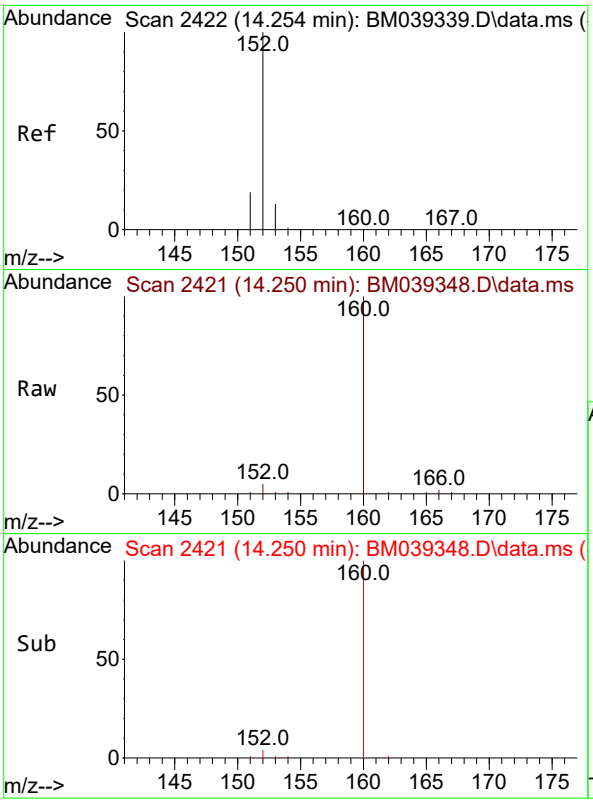


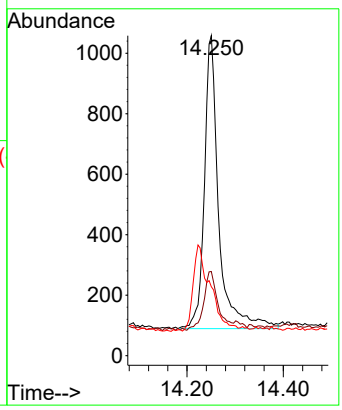


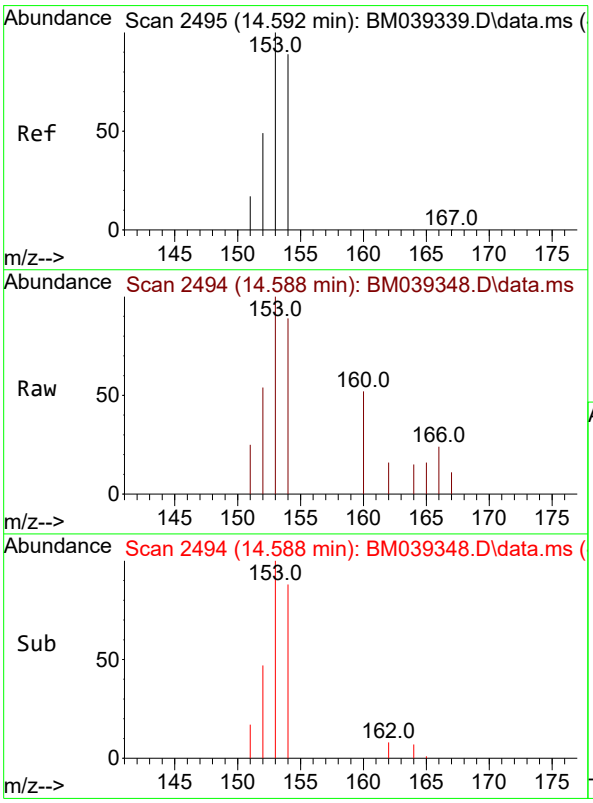
#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.250 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:152 Resp: 2004

Ion	Ratio	Lower	Upper
152	100		
151	26.3	16.2	24.4#
153	21.6	11.6	17.4#

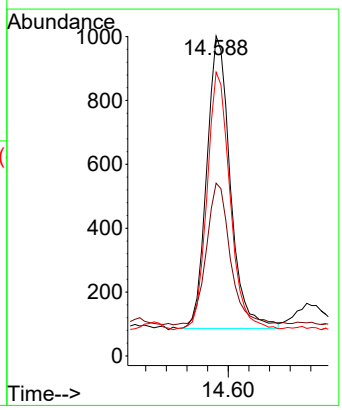


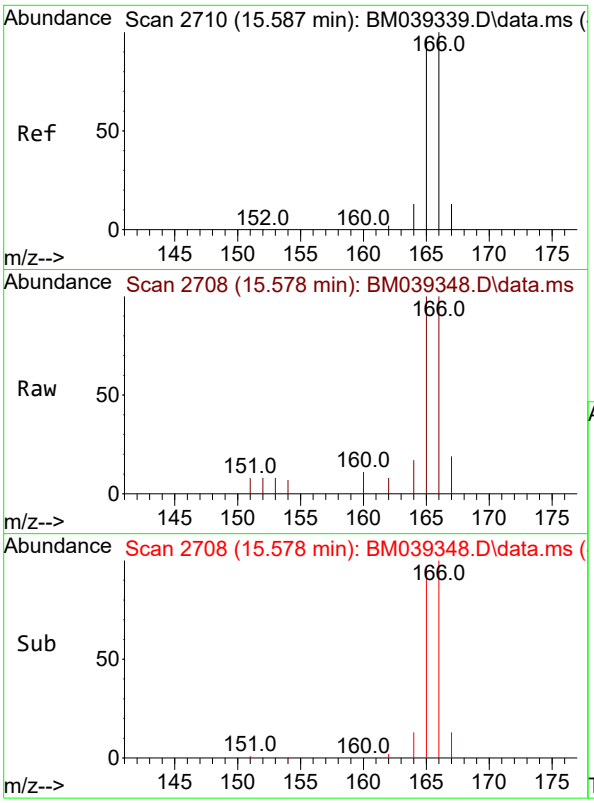


#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.588 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:153 Resp: 1450

Ion	Ratio	Lower	Upper
153	100		
152	54.0	40.3	60.5
154	88.7	71.5	107.3



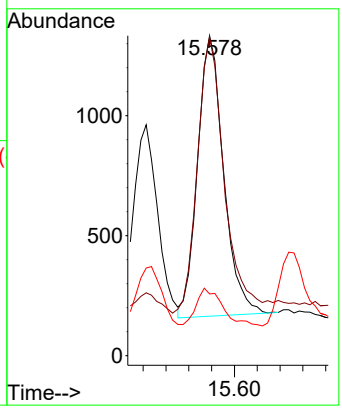


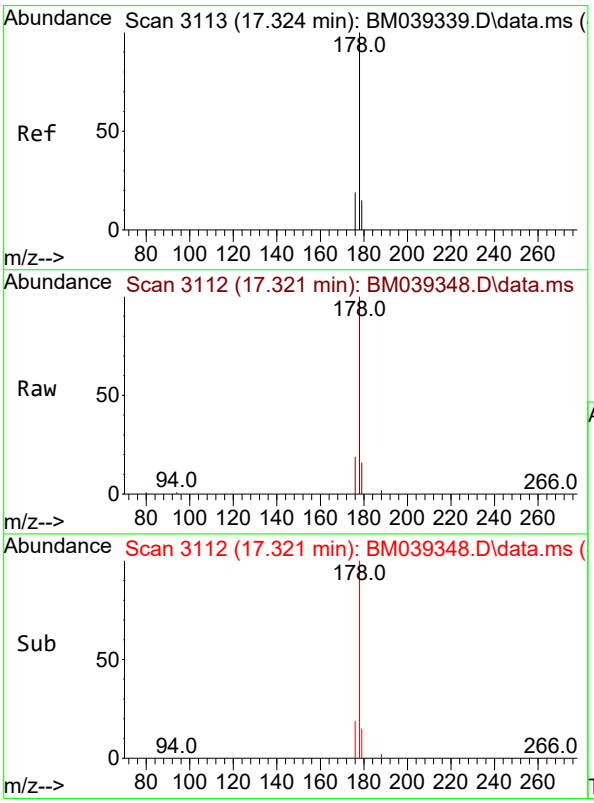
#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.578 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:166 Resp: 1850

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	19.3	11.8	17.6#

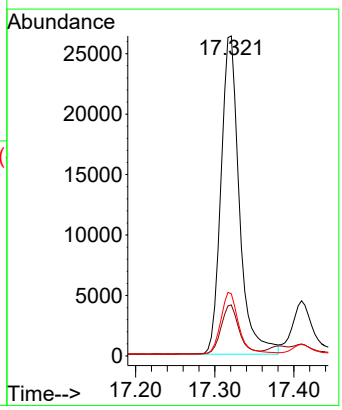


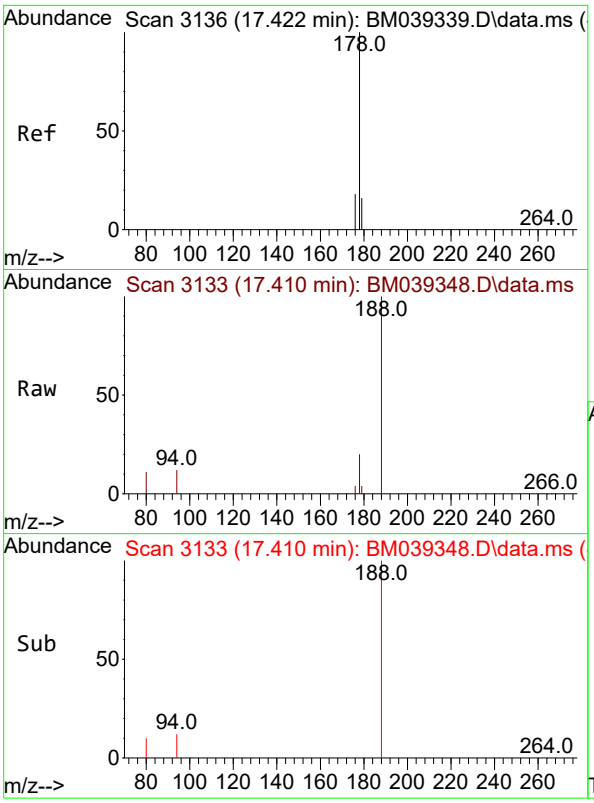


#15
Phenanthrene
Concen: 0.746 ng/ul
RT: 17.321 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:178 Resp: 42585

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	19.4	15.8	23.6



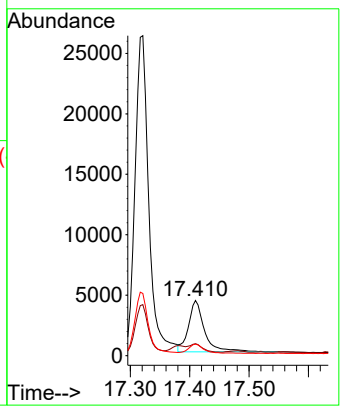


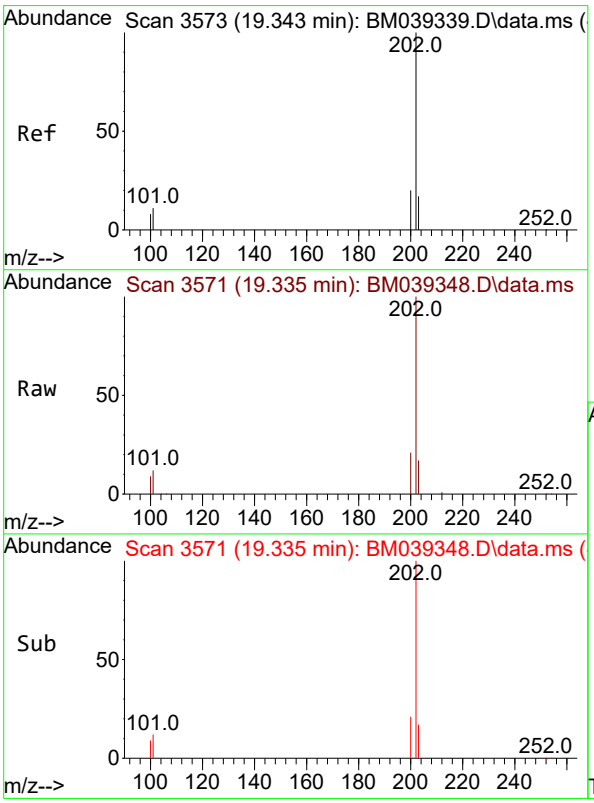
#16
Anthracene
Concen: 0.183 ng/ul
RT: 17.410 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:178 Resp: 7948

Ion	Ratio	Lower	Upper
178	100		
179	21.6	14.6	21.8
176	20.8	16.6	24.8

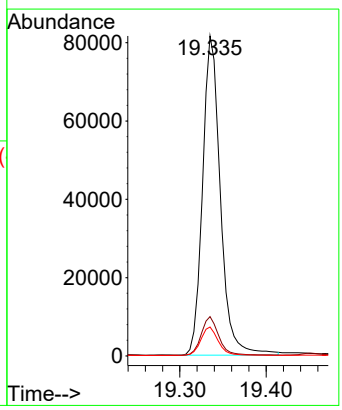


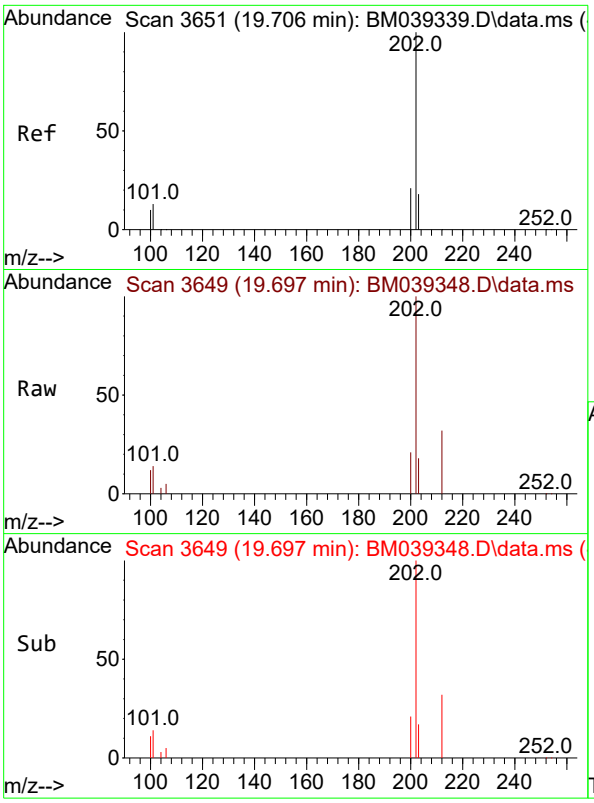


#19
Fluoranthene
Concen: 1.668 ng/ul
RT: 19.335 min Scan# 3571
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:202 Resp: 117407

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.1	7.4	11.0



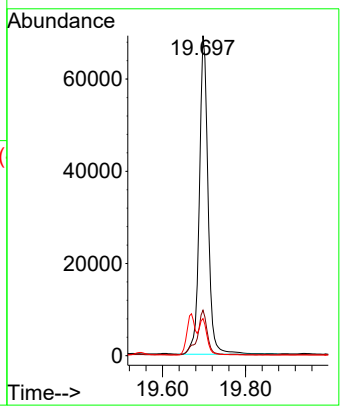


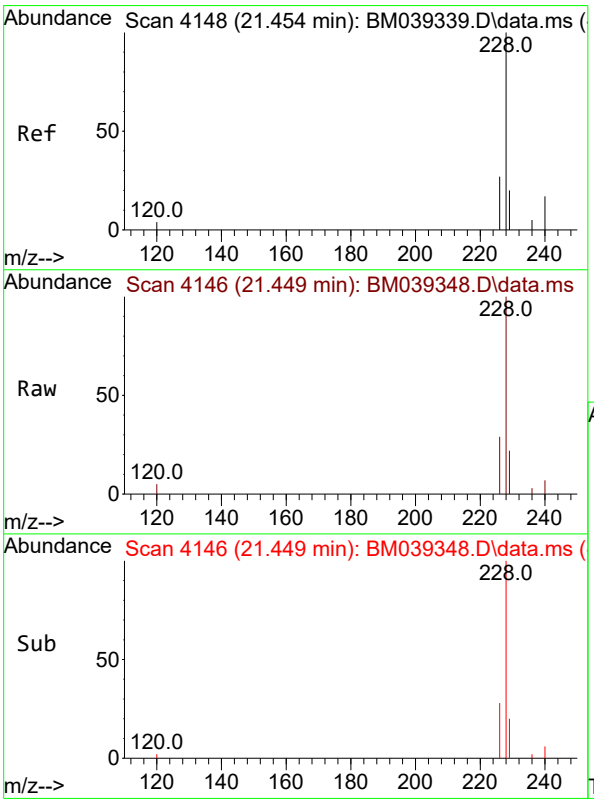
#20
Pyrene
Concen: 1.253 ng/ul
RT: 19.697 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:202 Resp: 101133

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.1	16.7
100	11.6	8.8	13.2

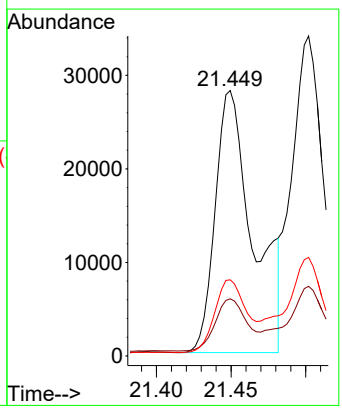


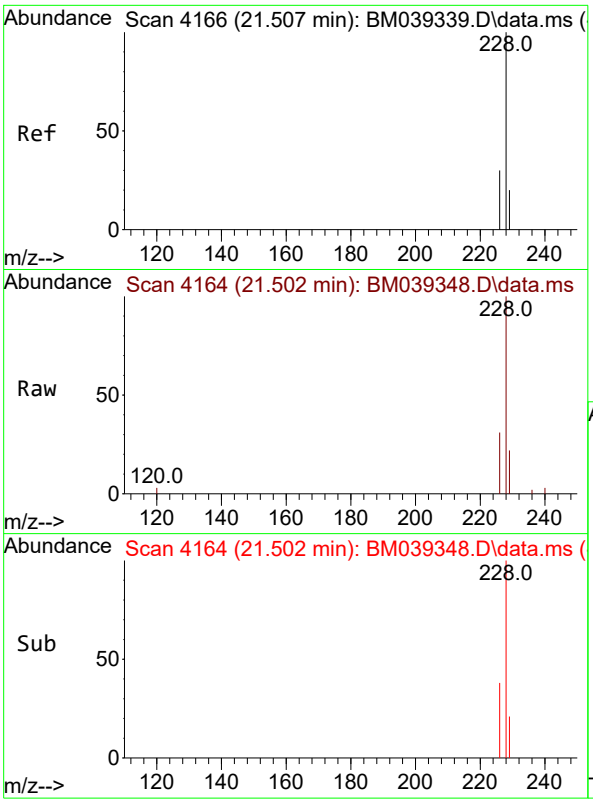


#21
Benzo(a)anthracene
Concen: 1.256 ng/ul
RT: 21.449 min Scan# 4146
Delta R.T. -0.002 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:228 Resp: 49272

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	24.8
226	28.7	22.6	34.0



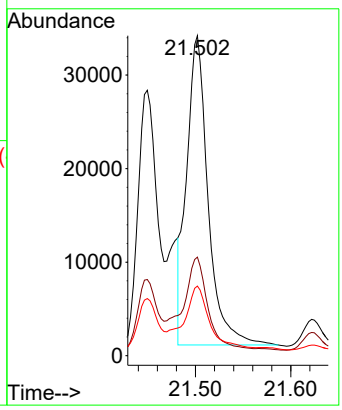


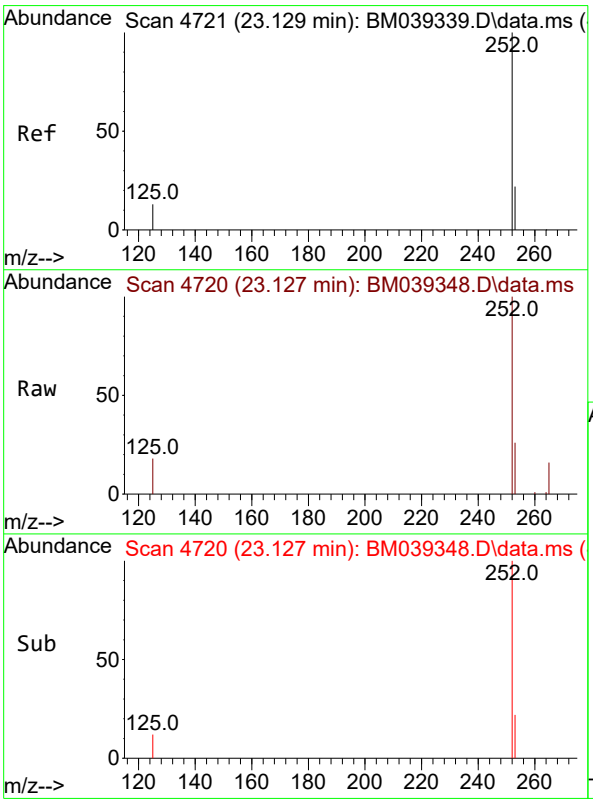
#22
Chrysene
Concen: 1.075 ng/ul
RT: 21.502 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:228 Resp: 51693

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	21.7	16.2	24.4

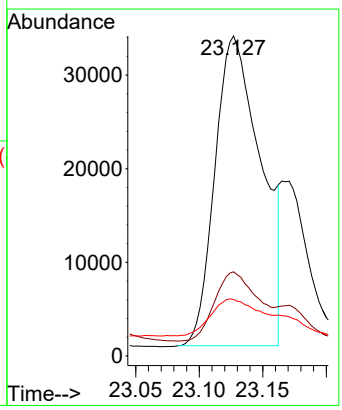


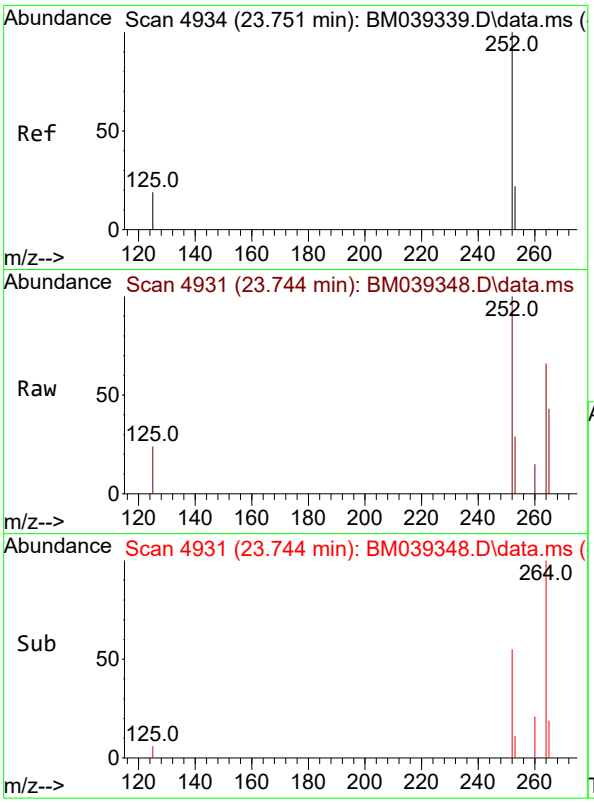


#24
Benzo(b)fluoranthene
Concen: 1.418 ng/ul
RT: 23.127 min Scan# 4720
Delta R.T. -0.002 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:252 Resp: 83587

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	64.4
125	17.7	0.0	50.4



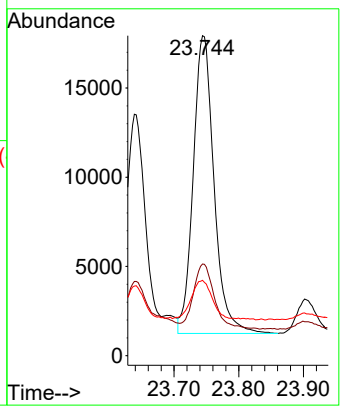


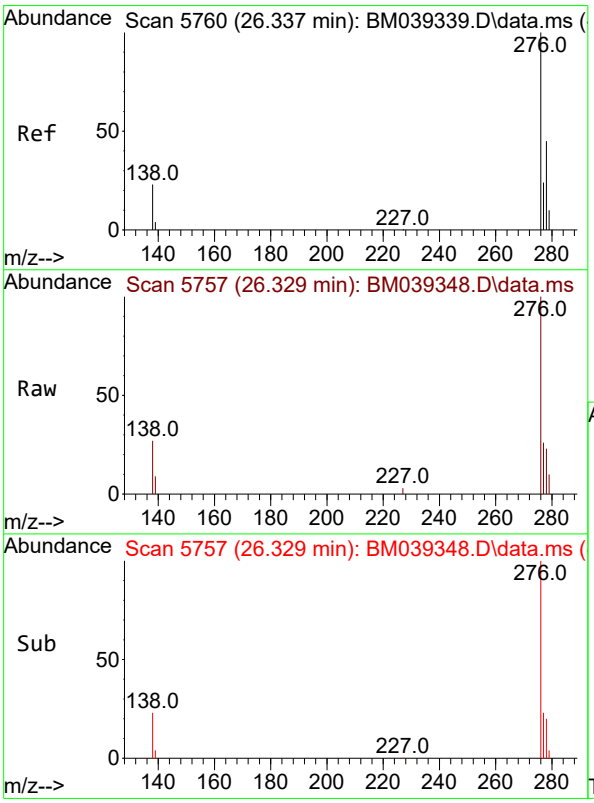
#26
Benzo(a)pyrene
Concen: 0.628 ng/ul
RT: 23.744 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:252 Resp: 37326

Ion	Ratio	Lower	Upper
252	100		
253	28.6	31.0	46.4#
125	23.5	28.2	42.4#

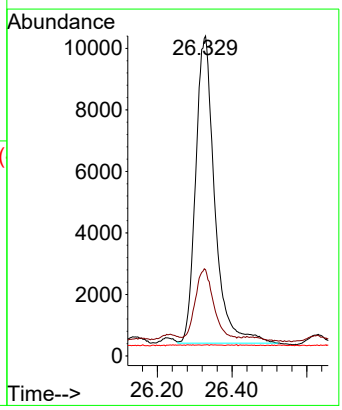


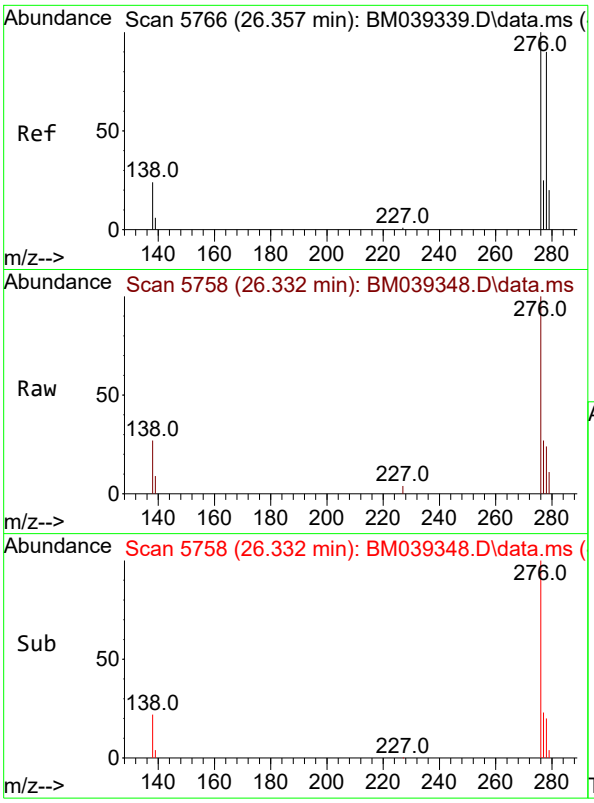


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.471 ng/ul
RT: 26.329 min Scan# 5757
Delta R.T. -0.008 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:276 Resp: 35242

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.4	32.0
227	0.1	0.1	0.1#



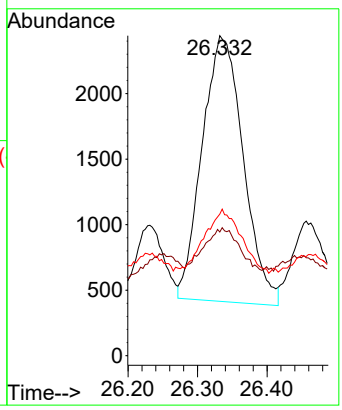


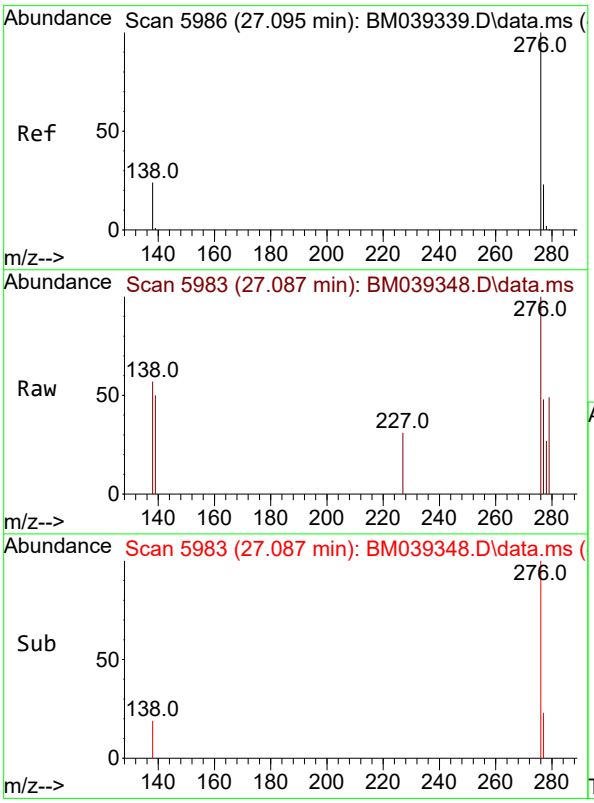
#28
Dibenzo(a,h)anthracene
Concen: 0.159 ng/ul
RT: 26.332 min Scan# 5
Delta R.T. -0.022 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Instrument :
BNA_M
ClientSampleId :
CB9C7

Tgt Ion:278 Resp: 8330

Ion	Ratio	Lower	Upper
278	100		
139	38.7	21.8	32.6#
279	44.3	30.0	45.0





#29
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 27.087 min Scan# 5983
Delta R.T. -0.002 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

Tgt Ion:276 Resp: 3264

Ion	Ratio	Lower	Upper
276	100		
138	56.7	22.2	33.2#
277	47.7	21.2	31.8#