Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046129.D
Acq On : 20 Jun 2024 18:47
Operator : MA/JU
Sample : P2710-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B21

Quant Time: Jun 21 02:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2307	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.204	136	6766	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.075	164	3697	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.916	188	351068	0.400	ng/ul	# 0.05
17) Chrysene-d12	21.023	240	4698	0.400	ng/ul	-0.02
23) Perylene-d12	23.116	264	10422	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10949	3.459	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.837	152	2016	0.222	ng/ul	-0.03
18) Fluoranthene-d10	18.852	212	4366	0.310	ng/ul	-0.03
Target Compounds						Qvalue
10) Acenaphthylene	13.793	152	553	0.032	ng/ul#	53
11) Acenaphthene	14.140	153	314	0.025	ng/ul	95
12) Fluorene	15.130	166	373	0.027	ng/ul#	92
19) Fluoranthene	18.885	202	19344	0.951	ng/ul	97
20) Pyrene	19.242	202	17413	0.792	ng/ul	97
21) Benzo(a)anthracene	21.009	228	8260	0.455	ng/ul	97
22) Chrysene	21.061	228	7953	0.343	ng/ul	98
24) Benzo(b)fluoranthene	22.496	252	17510	0.466	ng/ul	99
25) Benzo(k)fluoranthene	22.496	252	17510	0.392	ng/ul	99
26) Benzo(a)pyrene	23.019	252	7633	0.219	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.172	276	6358	0.112	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.175	278	1435	0.034	ng/ul#	35
29) Benzo(g,h,i)perylene	25.799	276	6773	0.139	ng/ul	93

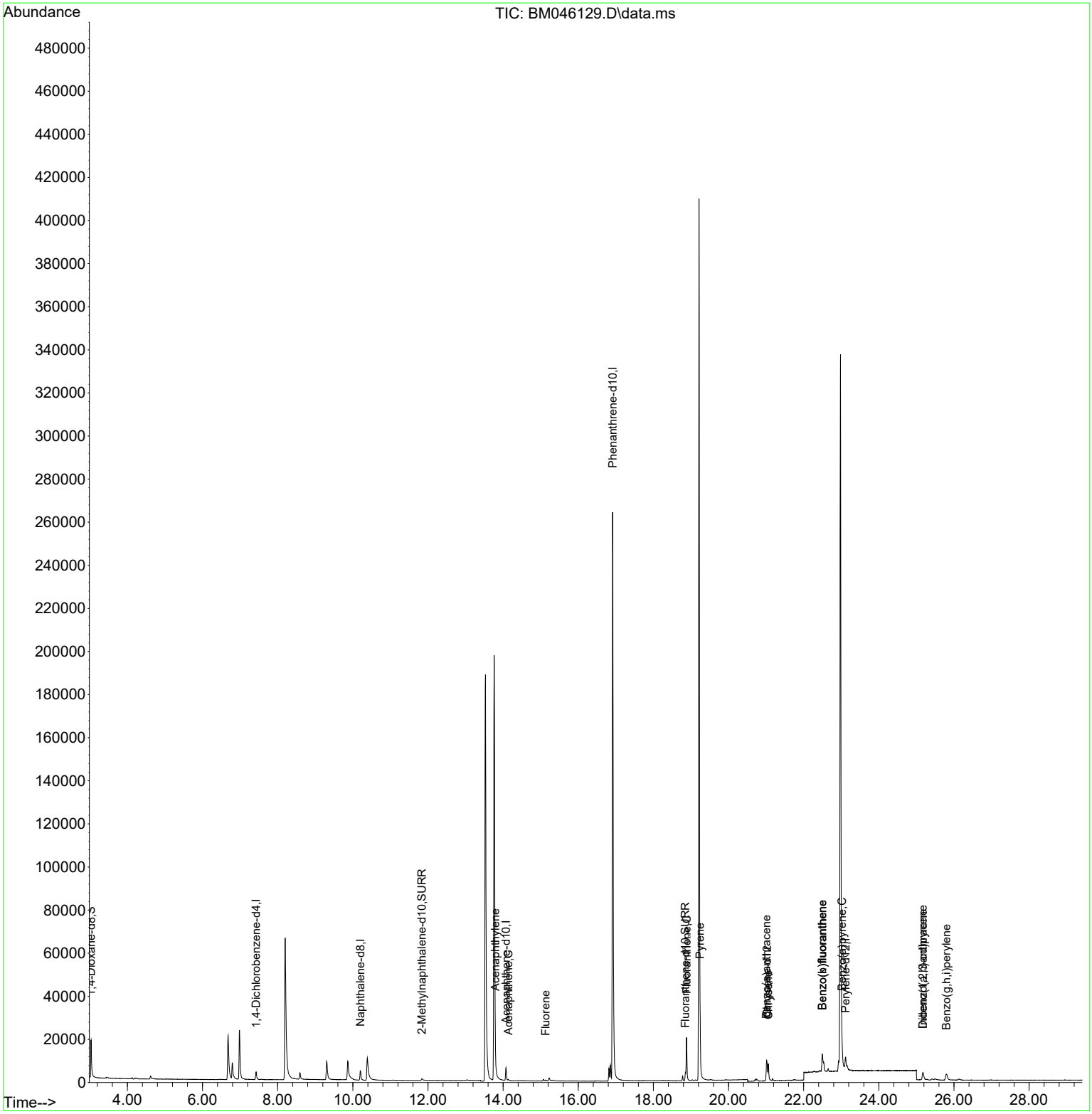
(#) = qualifier out of range (m) = manual integration (+) = signals summed

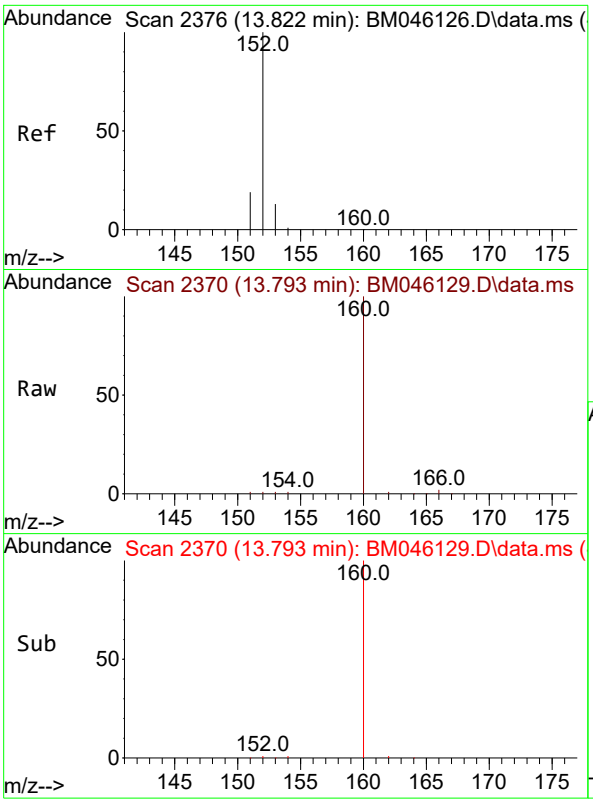
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046129.D
Acq On : 20 Jun 2024 18:47
Operator : MA/JU
Sample : P2710-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B21

Quant Time: Jun 21 02:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



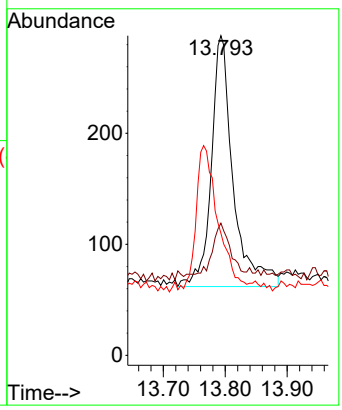


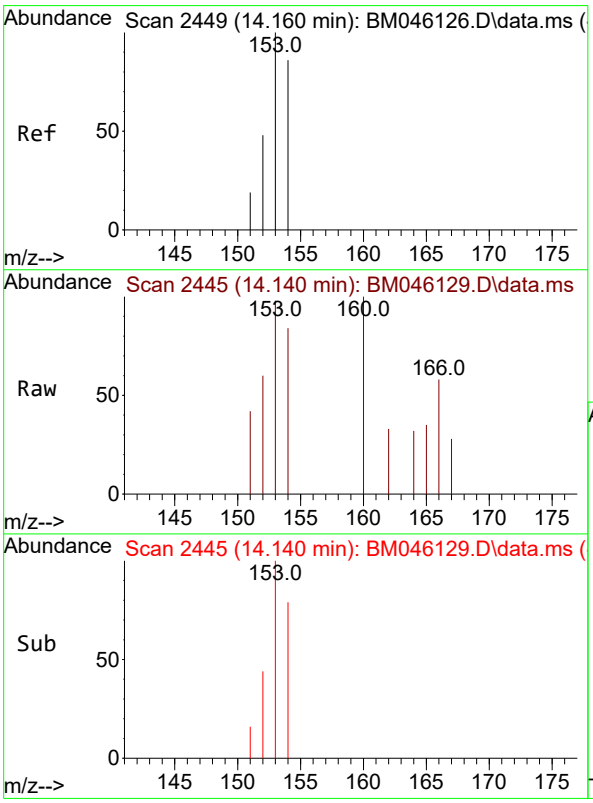
#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.793 min Scan# 2
Delta R.T. -0.042 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:152 Resp: 553

Ion	Ratio	Lower	Upper
152	100		
151	41.3	17.4	26.2#
153	38.2	11.8	17.8#

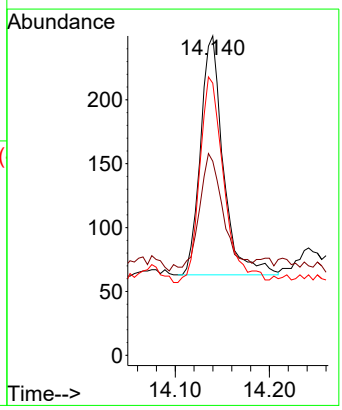


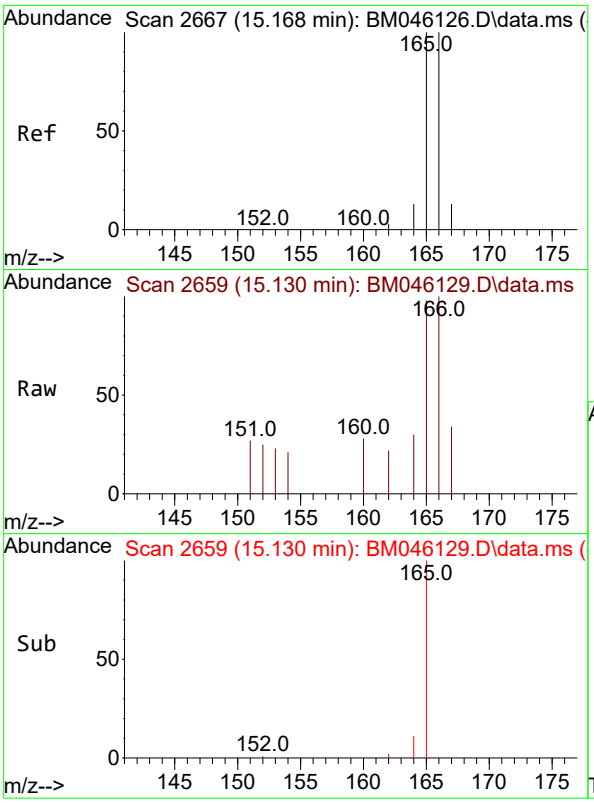


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:153 Resp: 314

Ion	Ratio	Lower	Upper
153	100		
152	60.8	41.3	61.9
154	85.2	68.2	102.4



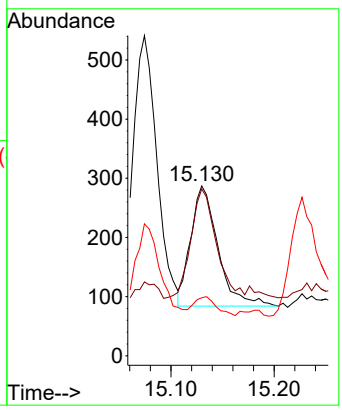


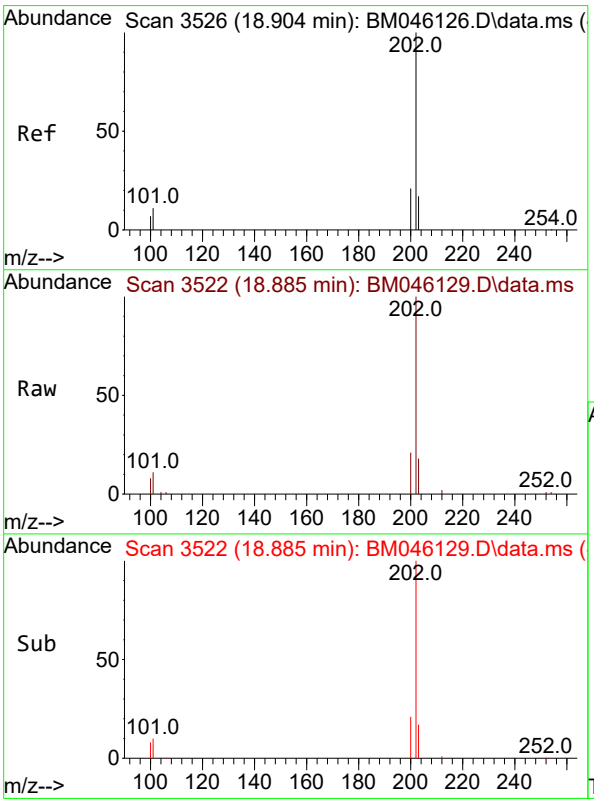
#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.130 min Scan# 2
Delta R.T. -0.051 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:166 Resp: 373

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.4	120.6
167	34.1	12.4	18.6#

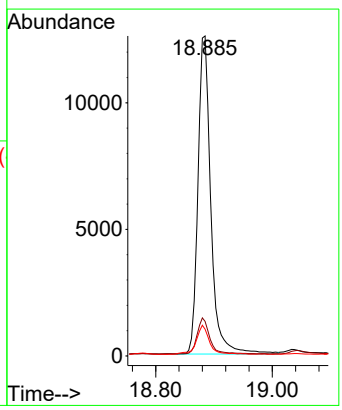


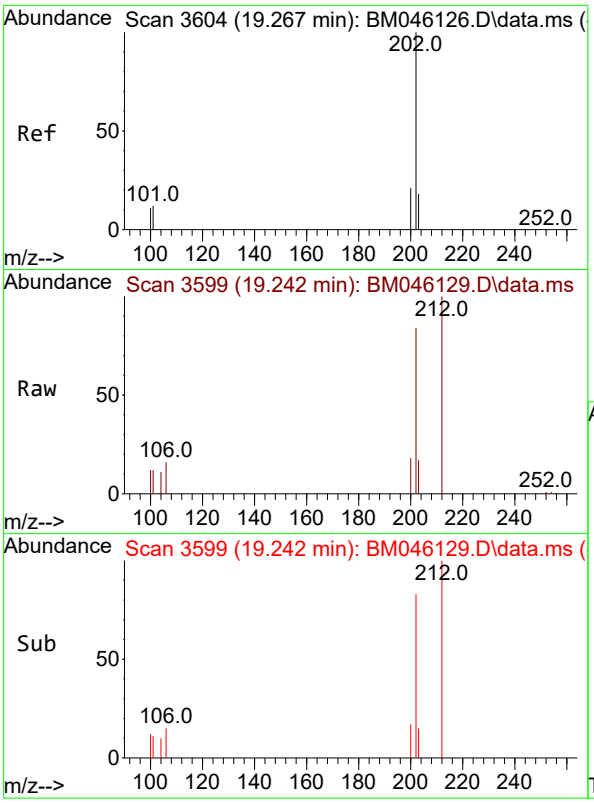


#19
Fluoranthene
Concen: 0.951 ng/ul
RT: 18.885 min Scan# 3522
Delta R.T. -0.033 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:202 Resp: 19344

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.6	14.4
100	8.3	7.6	11.4



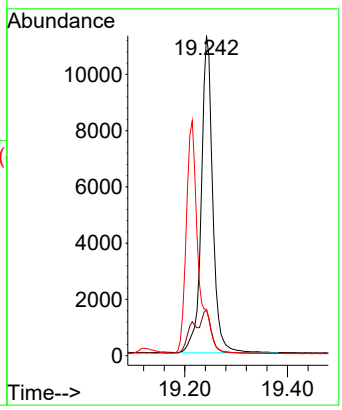


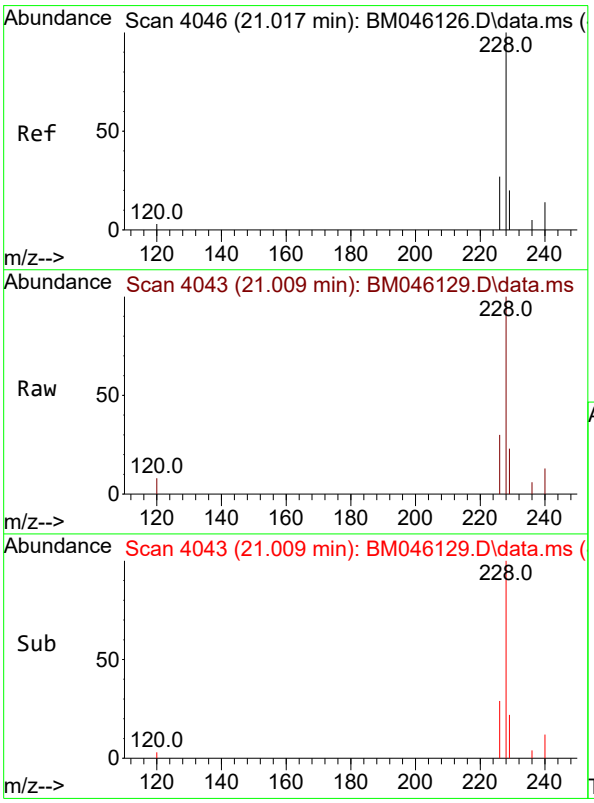
#20
Pyrene
Concen: 0.792 ng/ul
RT: 19.242 min Scan# 3
Delta R.T. -0.033 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:202 Resp: 17413

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.3	16.9
100	14.5	9.8	14.6

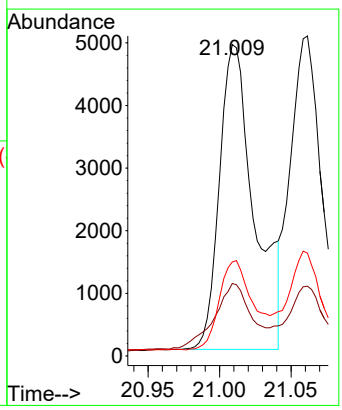


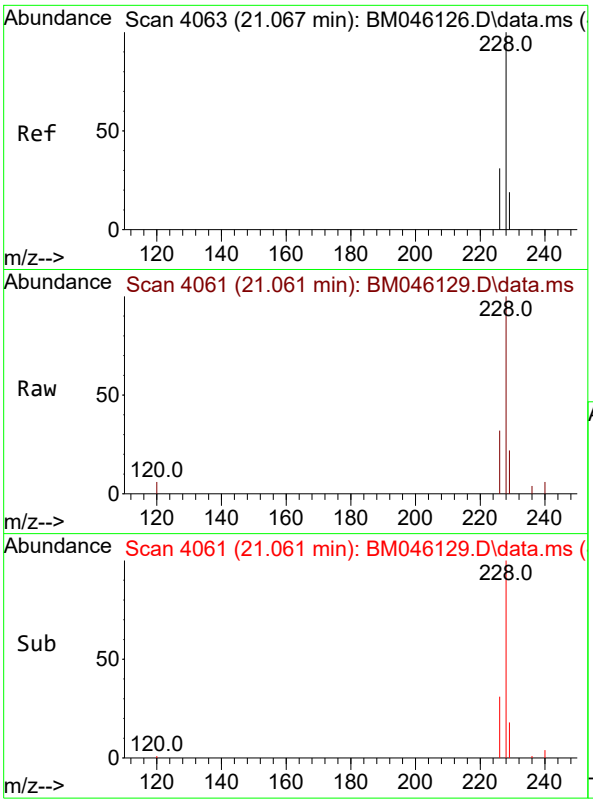


#21
Benzo(a)anthracene
Concen: 0.455 ng/ul
RT: 21.009 min Scan# 4043
Delta R.T. -0.021 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:228 Resp: 8260

Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.4	24.6
226	30.2	23.4	35.2



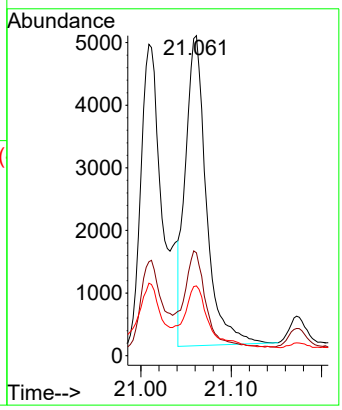


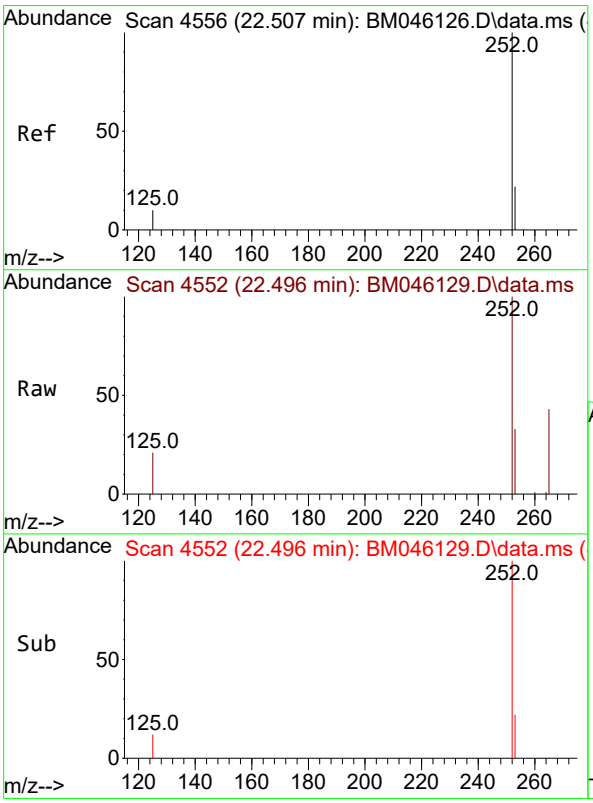
#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.061 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:228 Resp: 7953

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	21.8	16.3	24.5

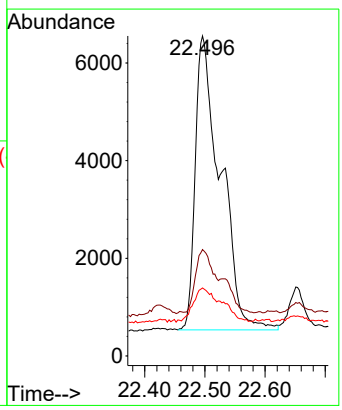


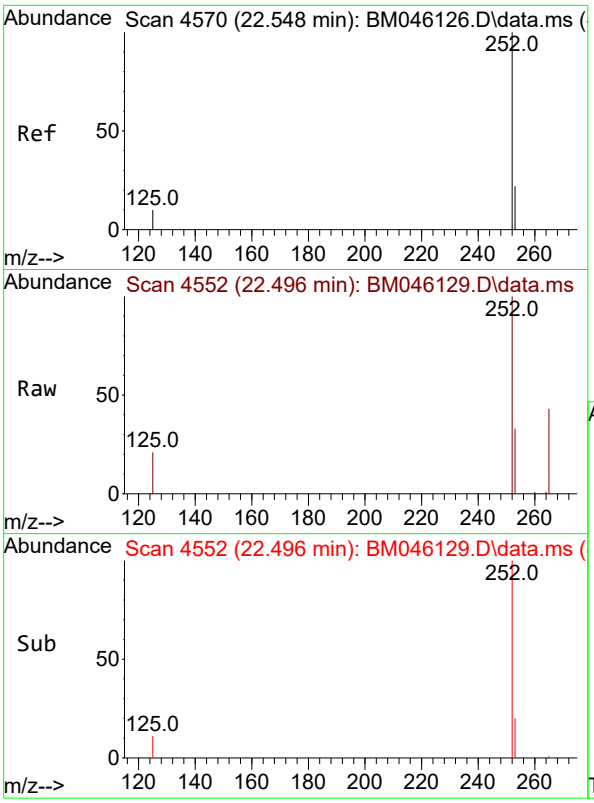


#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul
RT: 22.496 min Scan# 4552
Delta R.T. -0.023 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:252 Resp: 17510

Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	65.8
125	21.3	0.0	40.2



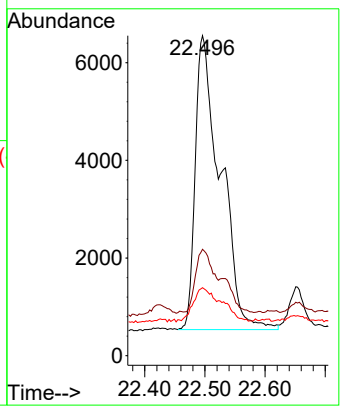


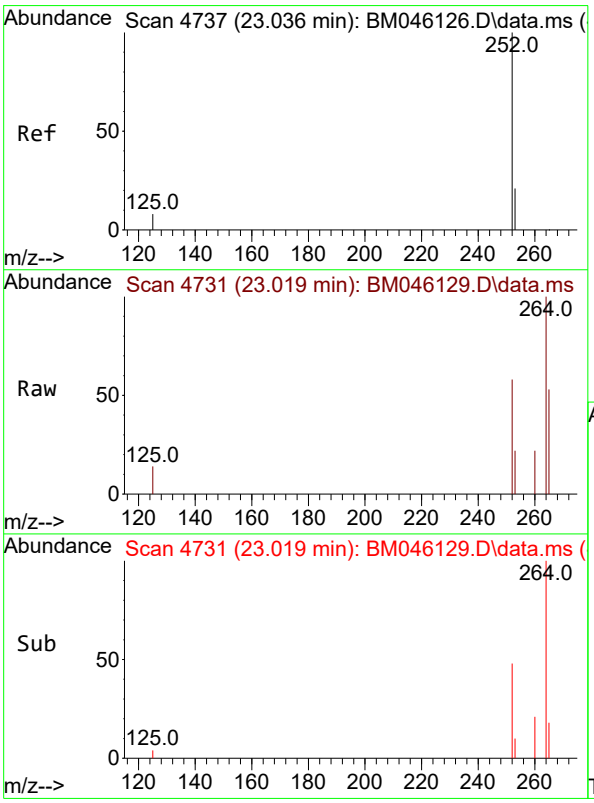
#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.496 min Scan# 4
Delta R.T. -0.067 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:252 Resp: 17510

Ion	Ratio	Lower	Upper
252	100		
253	33.3	27.2	40.8
125	21.3	16.6	25.0

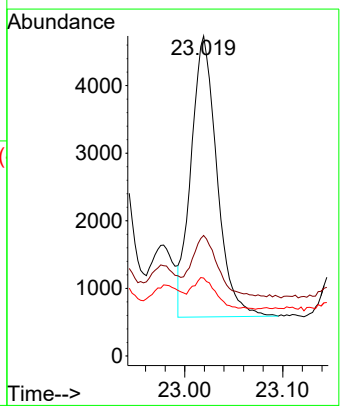


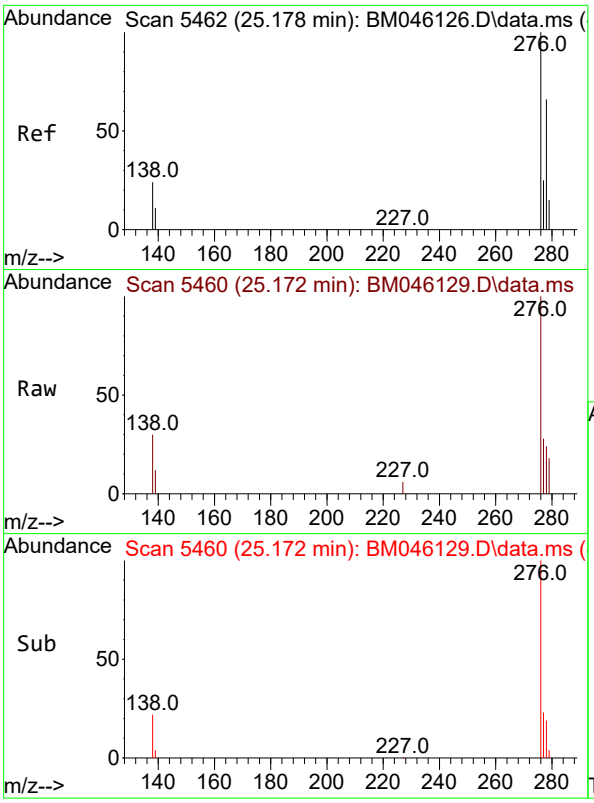


#26
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.035 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:252 Resp: 7633

Ion	Ratio	Lower	Upper
252	100		
253	37.7	32.1	48.1
125	24.4	21.2	31.8



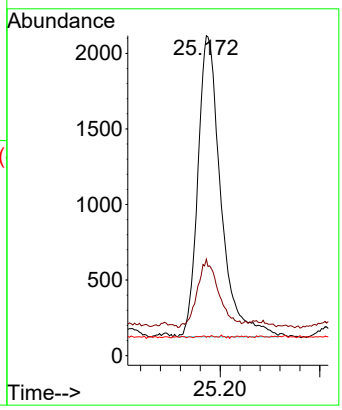


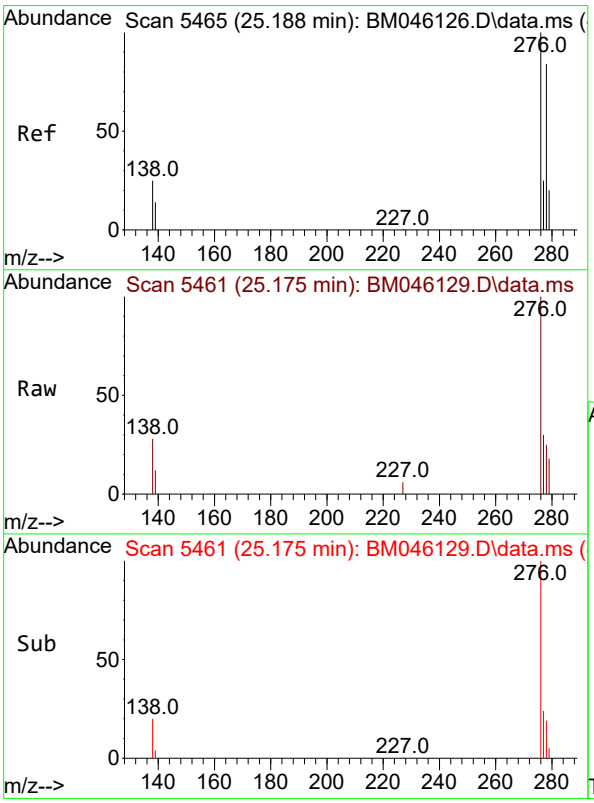
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.030 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:276 Resp: 6358

Ion	Ratio	Lower	Upper
276	100		
138	21.3	21.0	31.4
227	0.1	0.0	0.0#

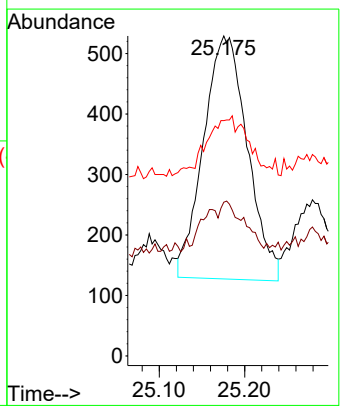


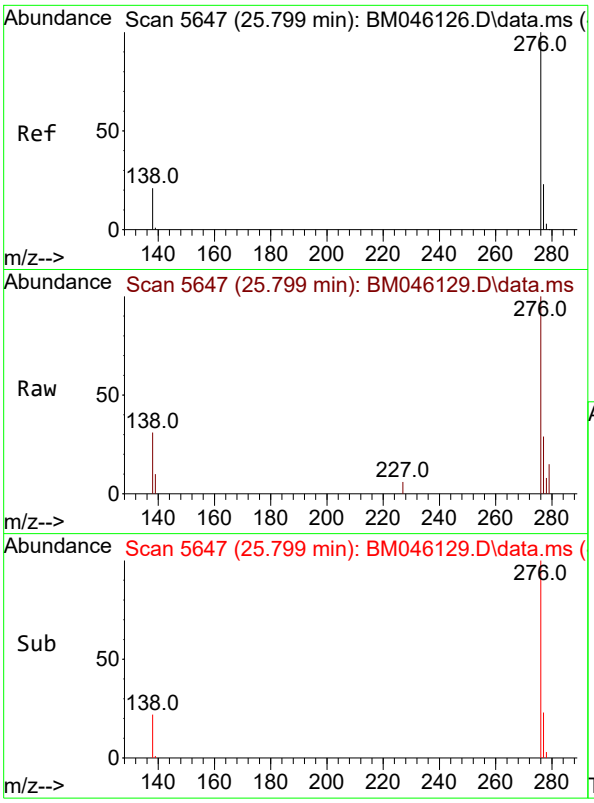


#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.040 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:278 Resp: 1435

Ion	Ratio	Lower	Upper
278	100		
139	48.0	17.6	26.4#
279	73.5	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.139 ng/ul
RT: 25.799 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21

Tgt Ion:276 Resp: 6773

Ion	Ratio	Lower	Upper
276	100		
138	30.6	21.7	32.5
277	29.2	20.4	30.6