Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Quant Time: Jul 08 00:50:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	34404	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.177	164	20324	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	38275	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	17588	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	17489	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	21641	1.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	9390	0.185	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	13314	0.216	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.347	128	2080	0.023	ng/ul#	84
10) Acenaphthylene	13.895	152	3252	0.032	ng/ul#	88
15) Phenanthrene	16.971	178	26963	0.235	ng/ul	100
16) Anthracene	16.971	178	16763	0.151	ng/ul	98
19) Fluoranthene	19.001	202	38048	0.428	ng/ul	97
20) Pyrene	19.363	202	32267	0.353	ng/ul	95
21) Benzo(a)anthracene	21.120	228	13147	0.167	ng/ul#	90
22) Chrysene	21.120	228	13238	0.169	ng/ul	93
24) Benzo(b)fluoranthene	22.654	252	22856	0.307	ng/ul#	81
25) Benzo(k)fluoranthene	22.654	252	22856	0.305	ng/ul#	80
26) Benzo(a)pyrene	23.198	252	10606	0.180	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.430	276	8458	0.107	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.447	278	2117	0.034	ng/ul#	6
29) Benzo(g,h,i)perylene	26.081	276	8469	0.134	ng/ul#	84

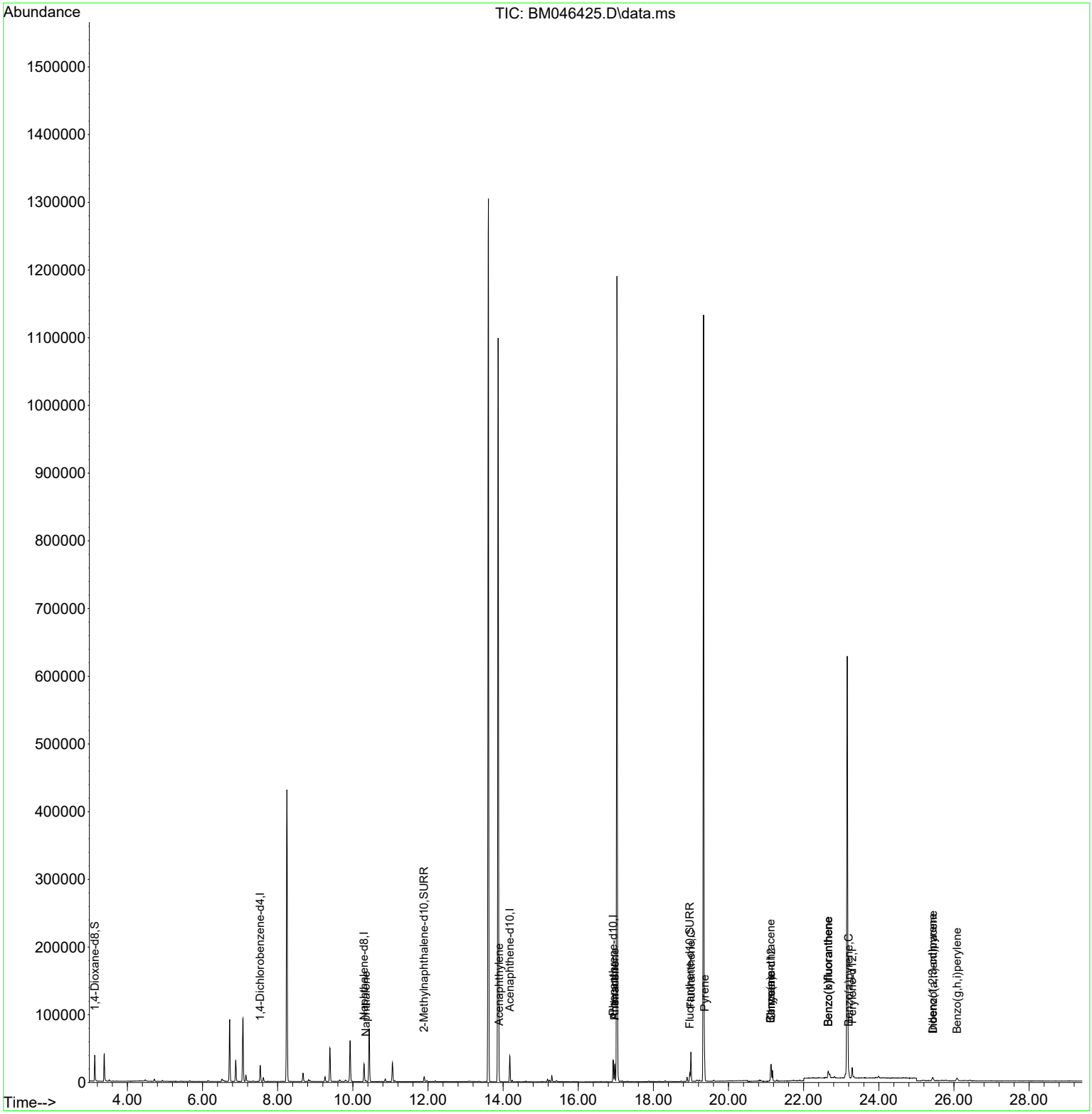
(#) = qualifier out of range (m) = manual integration (+) = signals summed

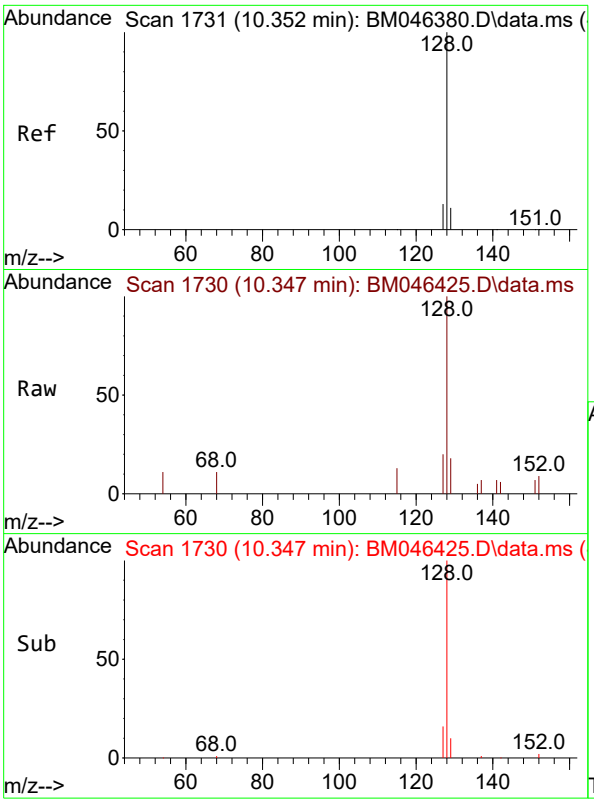
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Quant Time: Jul 08 00:50:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration



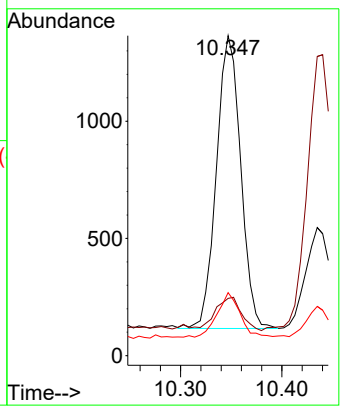


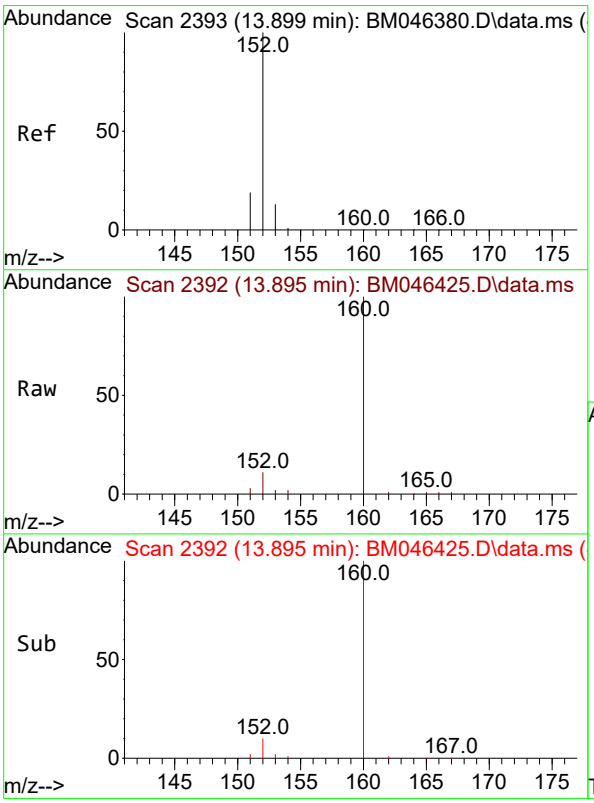
#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.347 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:128 Resp: 2080

Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.4	14.0#
127	19.7	10.8	16.2#

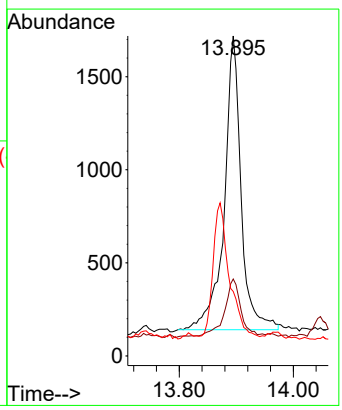


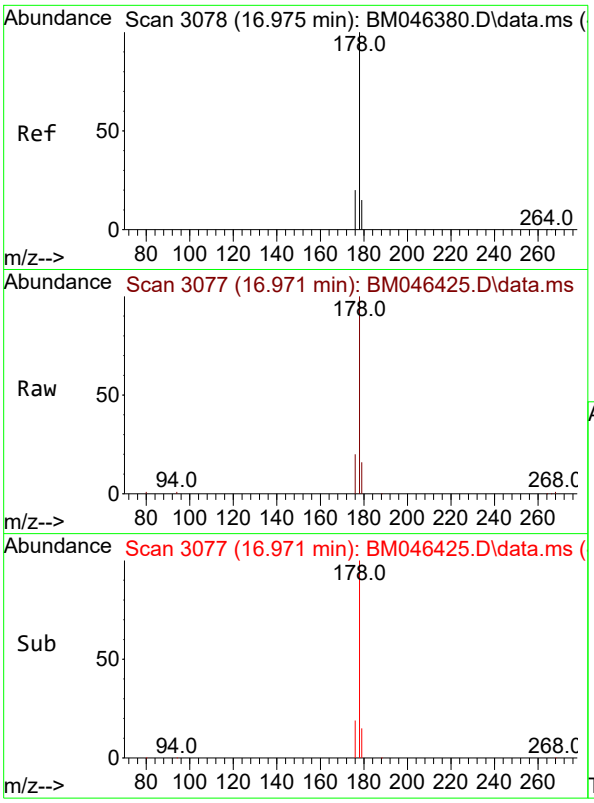


#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:152 Resp: 3252

Ion	Ratio	Lower	Upper
152	100		
151	24.0	15.9	23.9#
153	20.1	11.0	16.6#



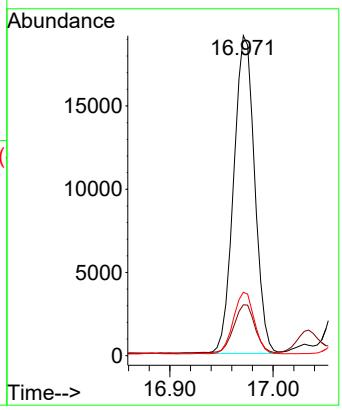


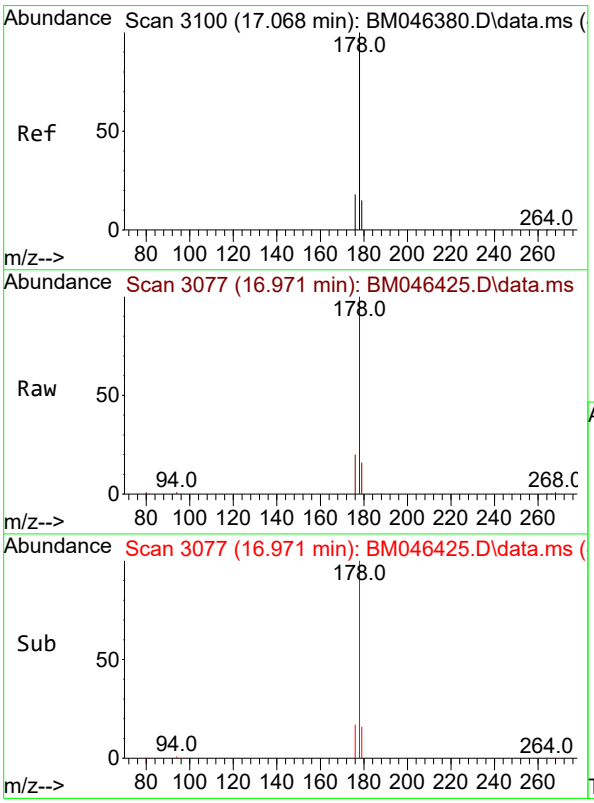
#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 16.971 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:178 Resp: 26963

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.8	16.0	24.0

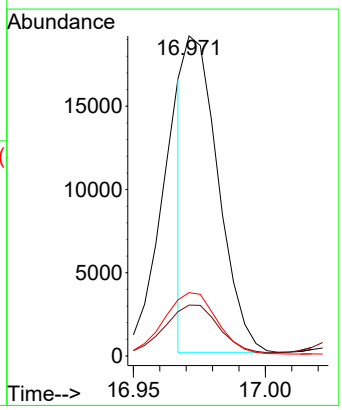


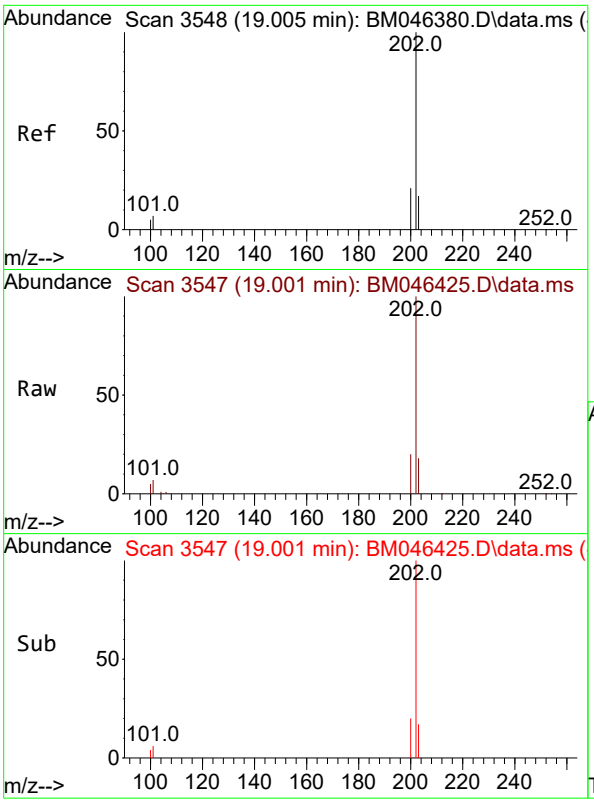


#16
Anthracene
Concen: 0.151 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.097 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:178 Resp: 16763

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.8	14.9	22.3



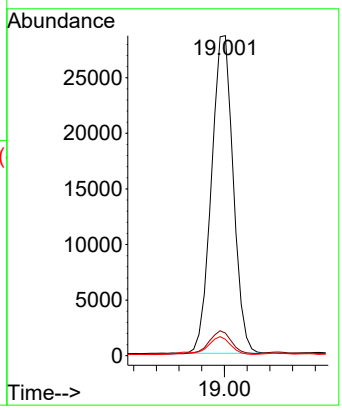


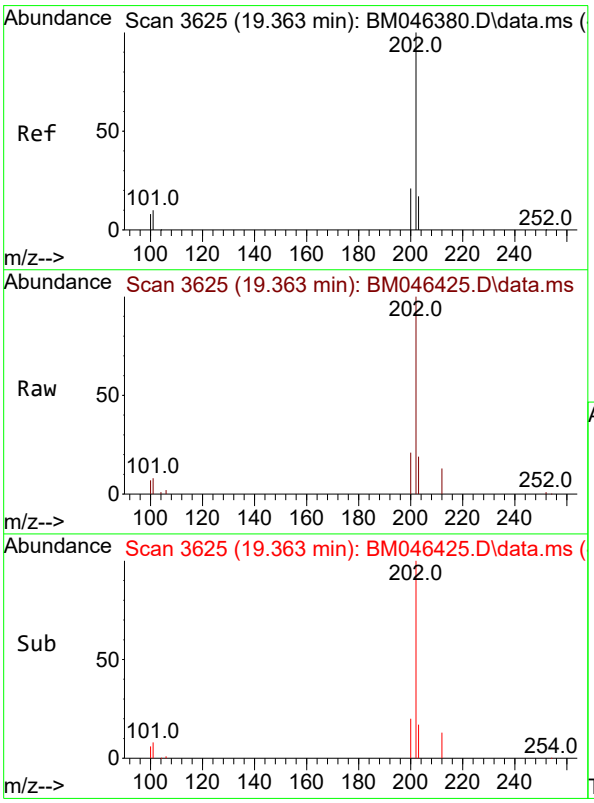
#19
Fluoranthene
Concen: 0.428 ng/ul
RT: 19.001 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:202 Resp: 38048

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.3	9.5
100	5.1	5.0	7.6

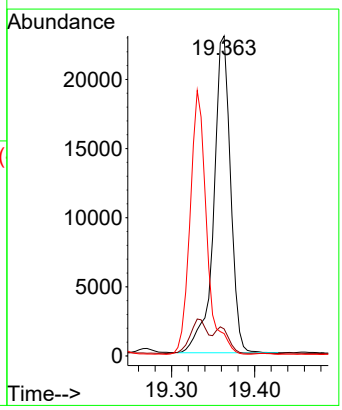


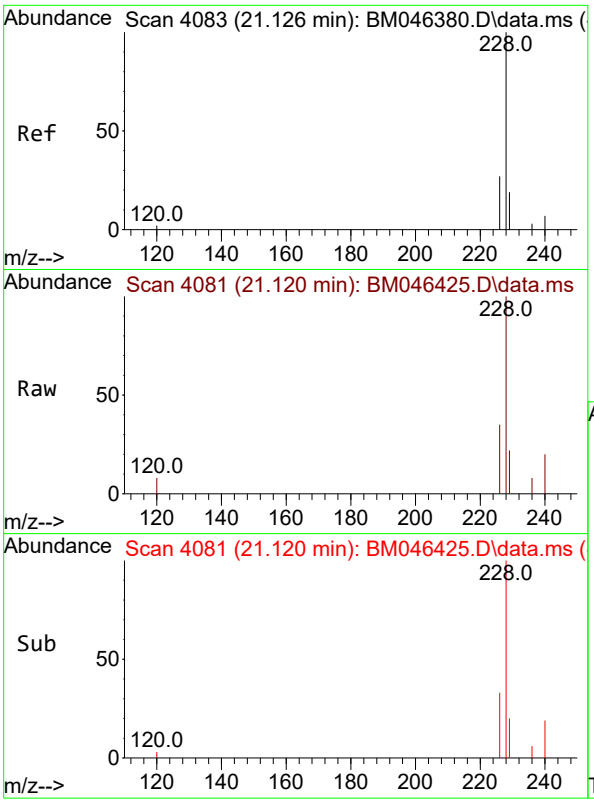


#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:202 Resp: 32267

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.2	12.4
100	7.0	6.9	10.3



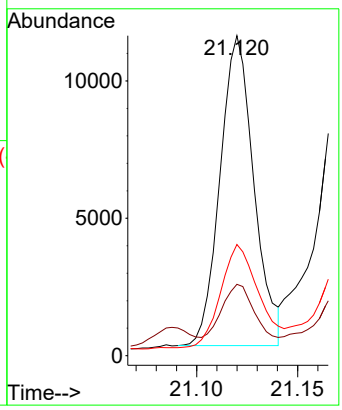


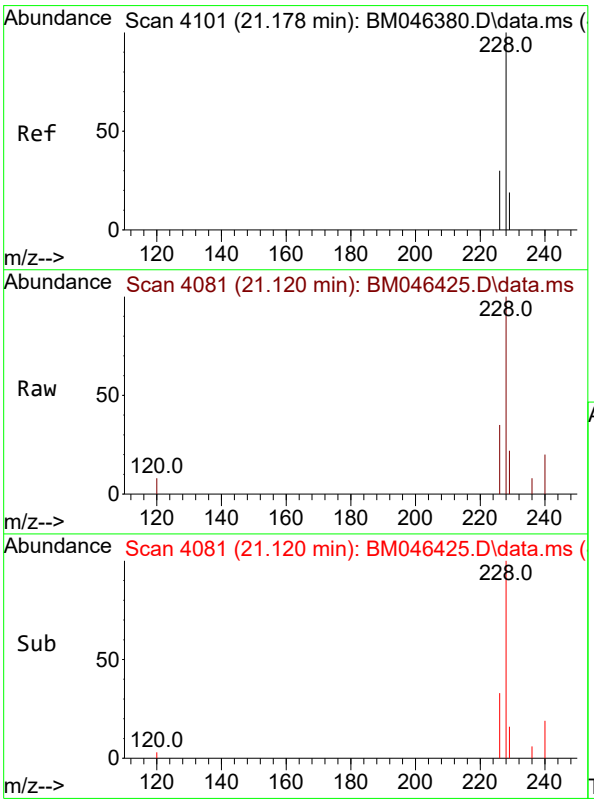
#21
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.120 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:228 Resp: 13147

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	34.8	22.0	33.0#

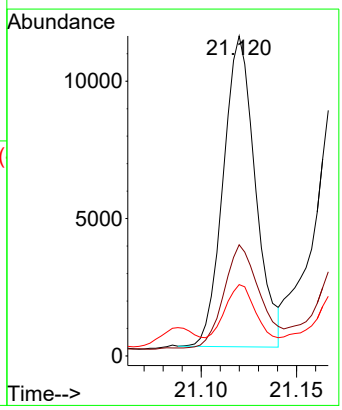


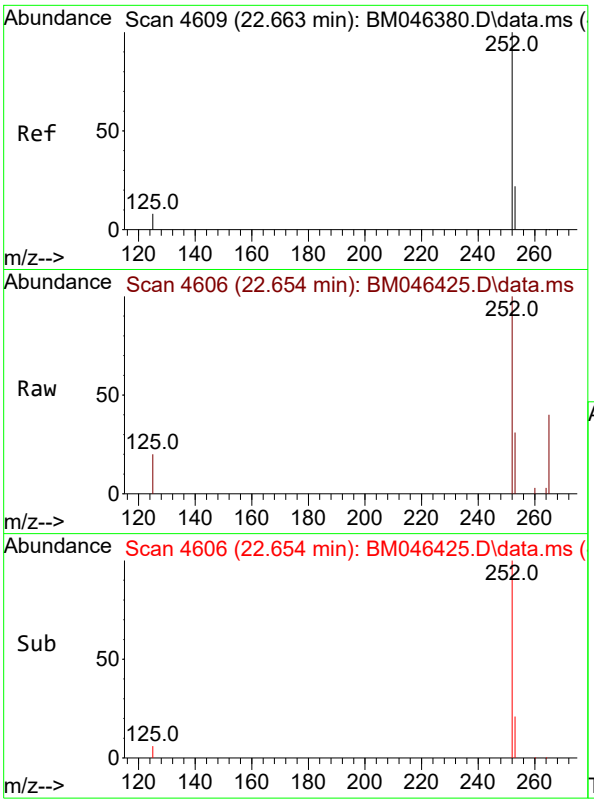


#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.058 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:228 Resp: 13238

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.1	36.1
229	22.3	15.8	23.6



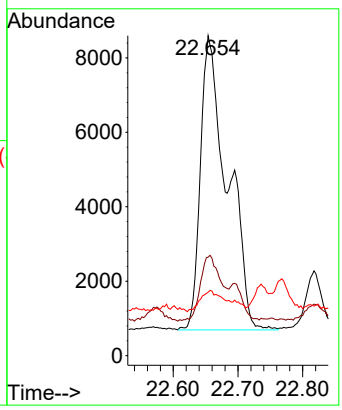


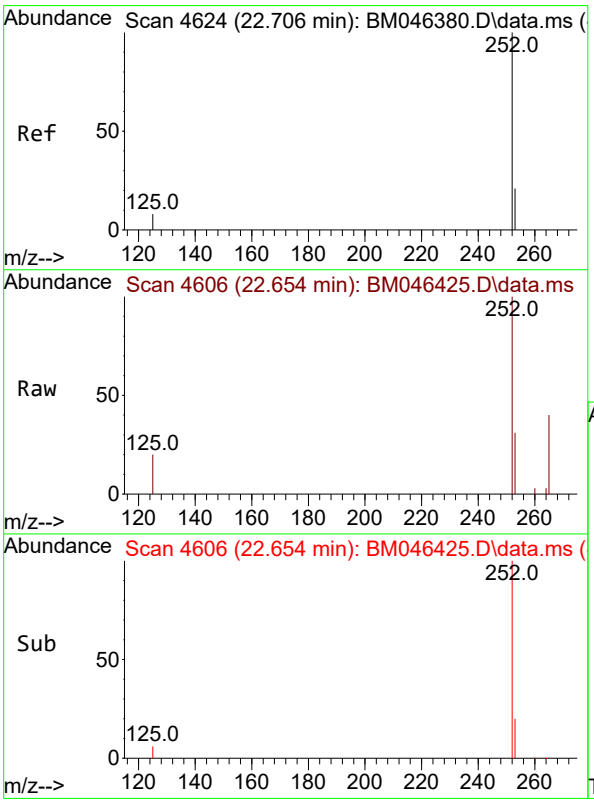
#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 22.654 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:252 Resp: 22856

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	47.0
125	19.8	0.0	18.4#

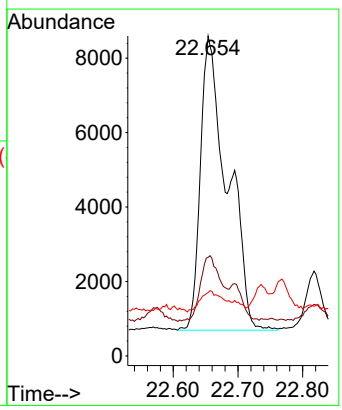


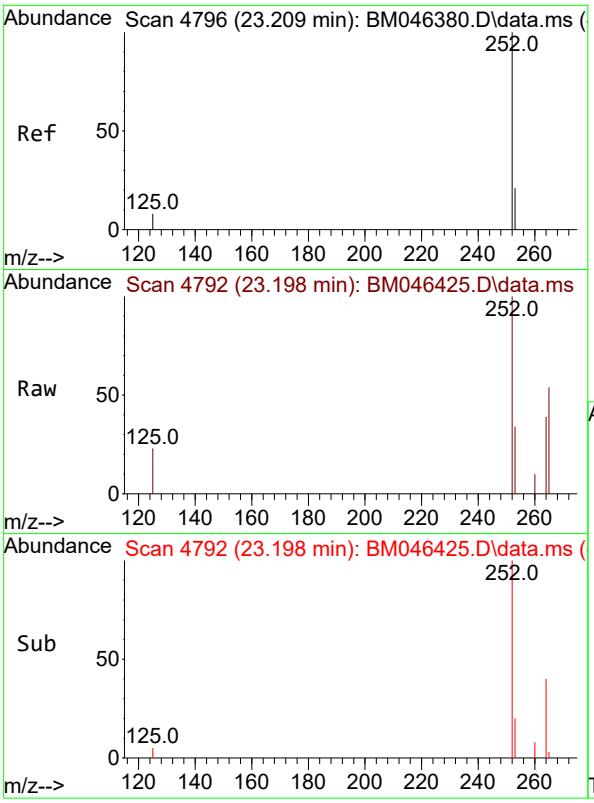


#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. -0.052 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:252 Resp: 22856

Ion	Ratio	Lower	Upper
252	100		
253	30.8	18.4	27.6#
125	19.8	7.5	11.3#



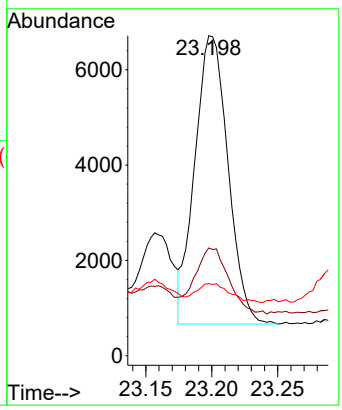


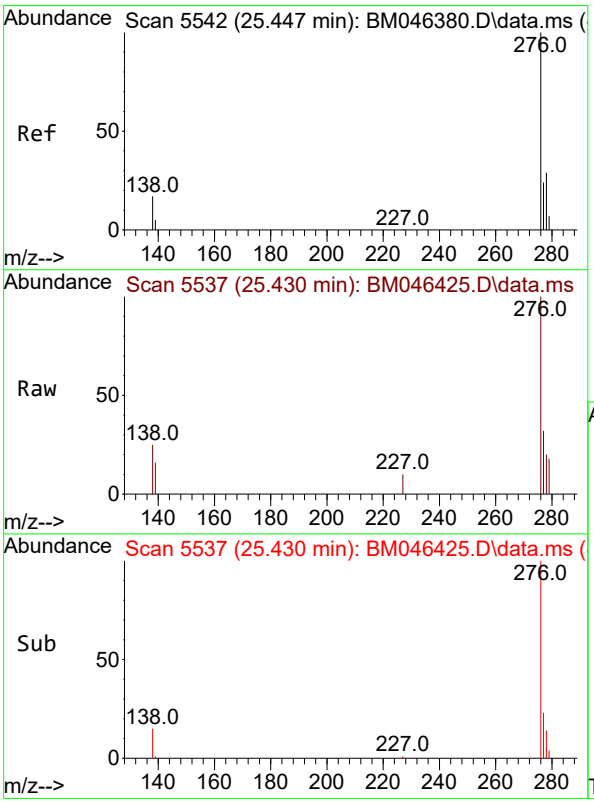
#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.198 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:252 Resp: 10606

Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.9	28.3#
125	22.5	8.1	12.1#

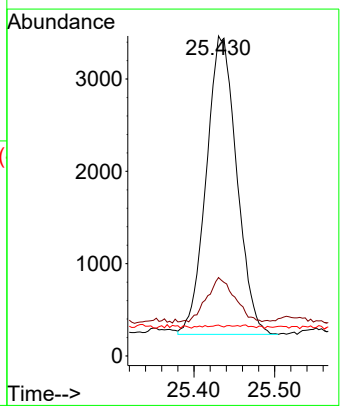


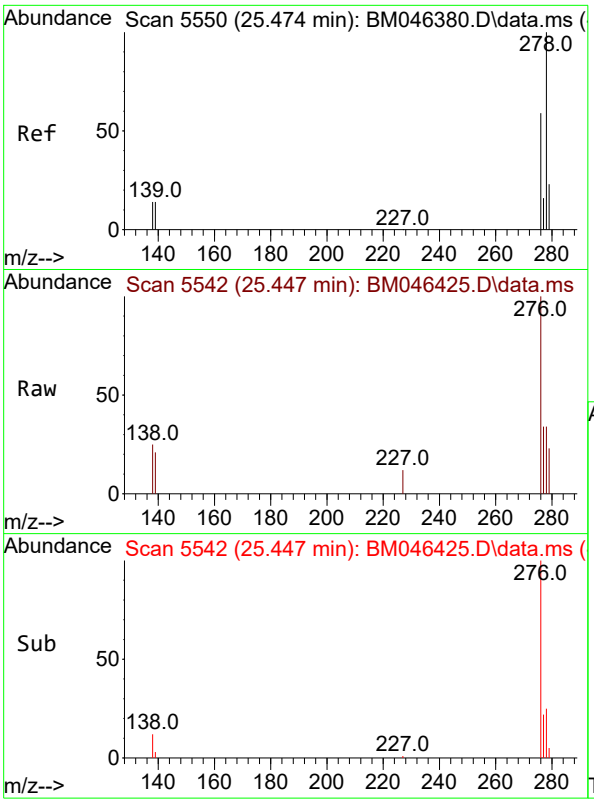


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:276 Resp: 8458

Ion	Ratio	Lower	Upper
276	100		
138	14.7	15.7	23.5#
227	0.3	0.1	0.1#



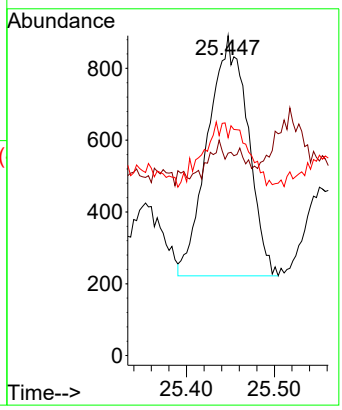


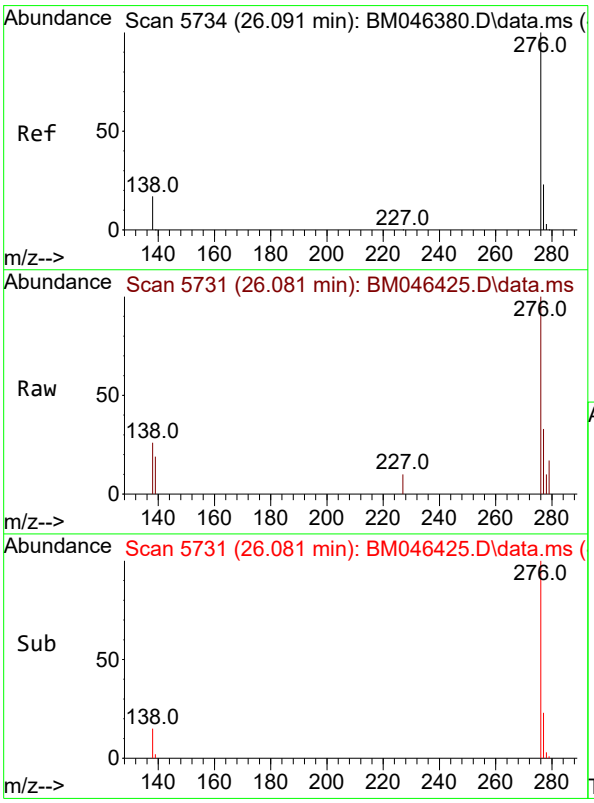
#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.447 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BC8

Tgt Ion:278 Resp: 2117

Ion	Ratio	Lower	Upper
278	100		
139	63.3	12.6	18.8#
279	68.1	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.134 ng/ul
RT: 26.081 min Scan# 5731
Delta R.T. -0.010 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

Tgt Ion:276 Resp: 8469

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.4	23.0#
277	33.1	19.7	29.5#