Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048505.D
Acq On : 07 Nov 2024 10:41
Operator : RC/JU
Sample : P4669-02MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Quant Time: Nov 07 11:19:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	2923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.475	136	9998	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.326	164	5686	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	10519	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	9541	0.400	ng/ul	0.00
23) Perylene-d12	23.478	264	10487	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	2044	0.580	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.075	152	4177	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	9624	0.359	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	5746	1.417	ng/ul#	68
5) Naphthalene	10.524	128	8174	0.326	ng/ul	97
7) 2-Methylnaphthalene	12.146	142	5072	0.322	ng/ul	96
8) 1-Methylnaphthalene	12.361	142	5383	0.334	ng/ul	98
10) Acenaphthylene	14.049	152	8181	0.379	ng/ul	99
11) Acenaphthene	14.386	153	5834	0.338	ng/ul	99
12) Fluorene	15.381	166	6362	0.339	ng/ul	99
14) Pentachlorophenol	16.749	266	79	0.020	ng/ul	92
15) Phenanthrene	17.120	178	11475	0.415	ng/ul	100
16) Anthracene	17.217	178	9175	0.357	ng/ul	99
19) Fluoranthene	19.132	202	16661	0.472	ng/ul	98
20) Pyrene	19.495	202	17894	0.467	ng/ul	98
21) Benzo(a)anthracene	21.242	228	12746	0.408	ng/ul	99
22) Chrysene	21.292	228	16344	0.436	ng/ul	100
24) Benzo(b)fluoranthene	22.808	252	15077	0.461	ng/ul	97
25) Benzo(k)fluoranthene	22.852	252	15108	0.394	ng/ul	99
26) Benzo(a)pyrene	23.384	252	13357	0.419	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.732	276	17697	0.397	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.742	278	12817	0.370	ng/ul	95
29) Benzo(g,h,i)perylene	26.419	276	14947	0.400	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
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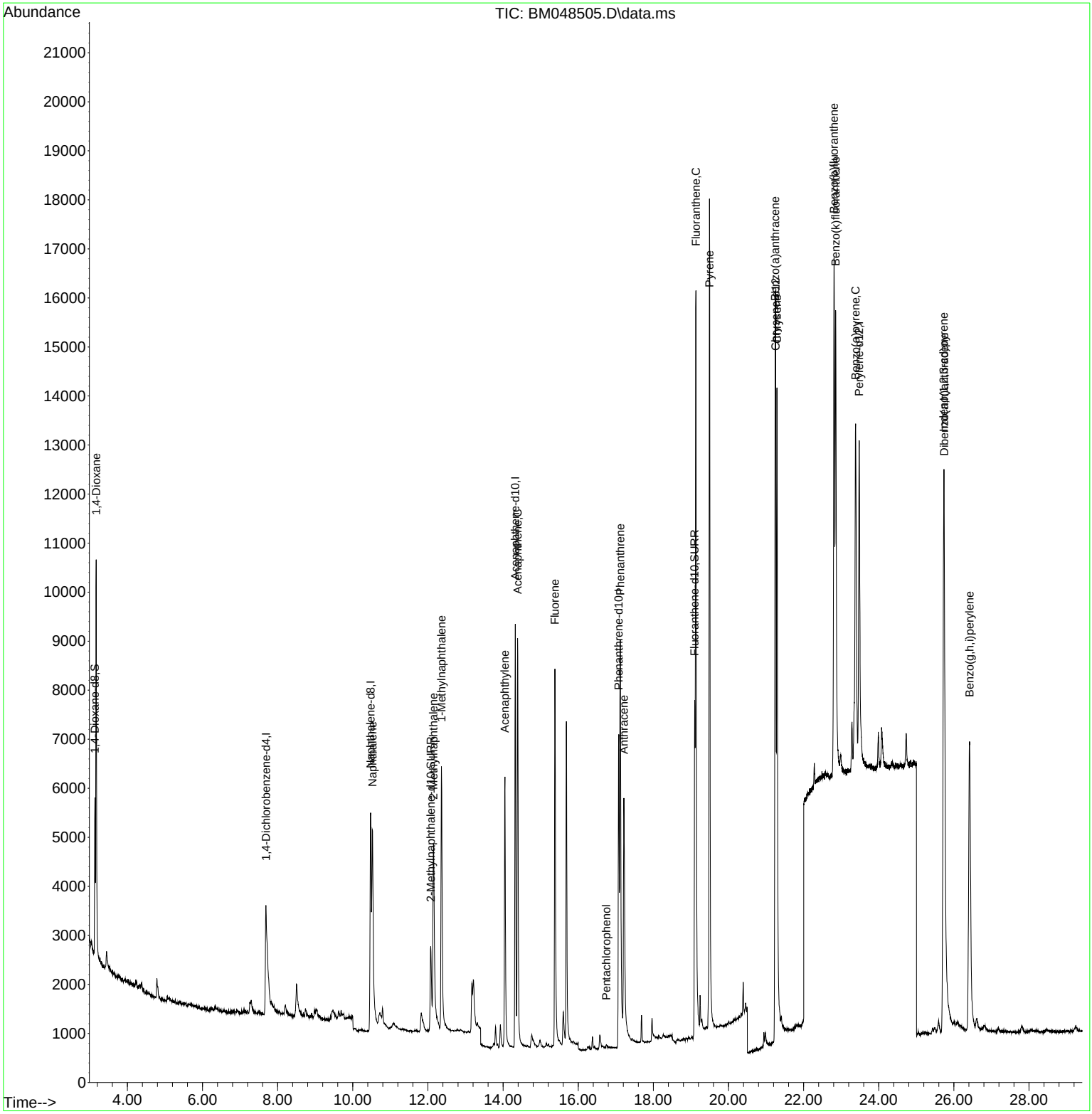
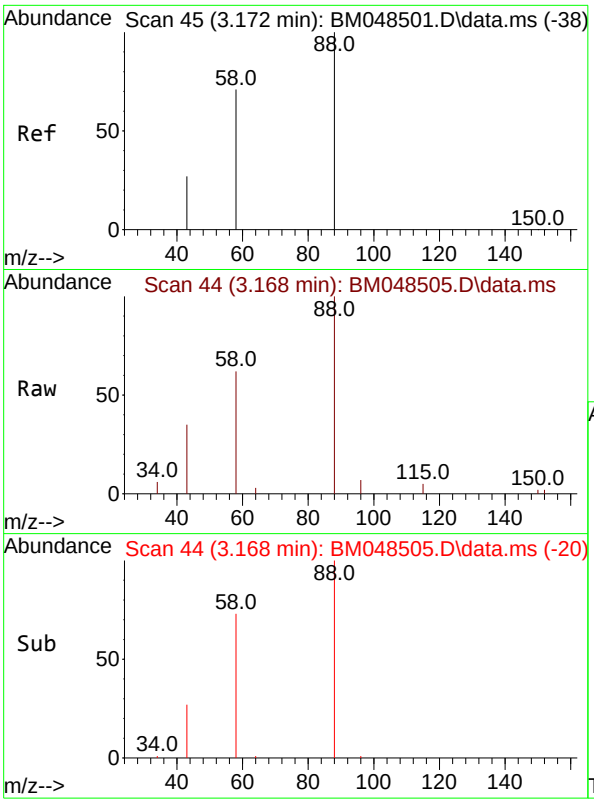


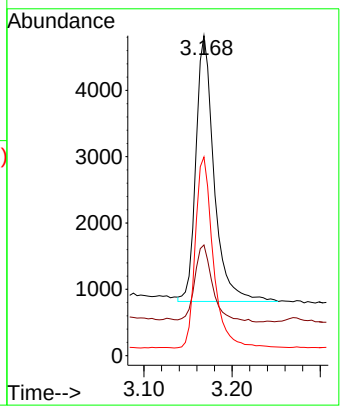


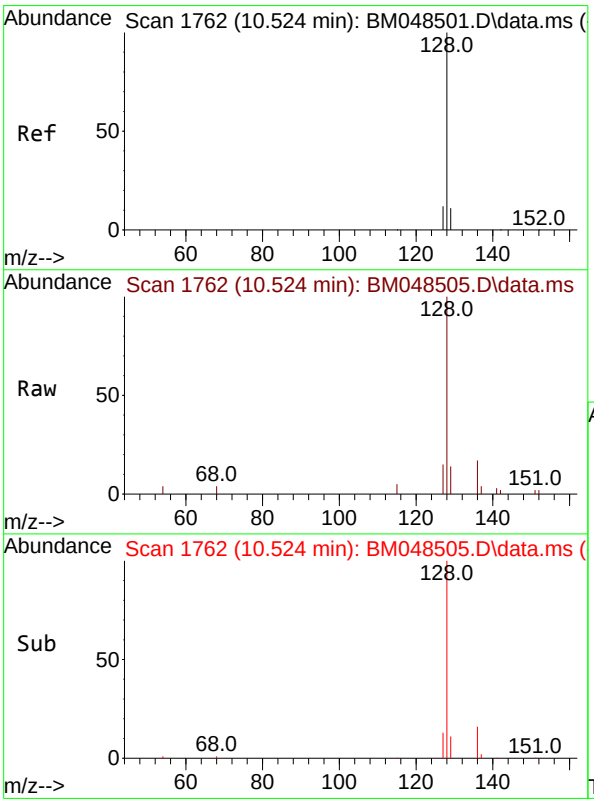
#2
1,4-Dioxane
Concen: 1.417 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. -0.000 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion: 88 Resp: 5746

Ion	Ratio	Lower	Upper
88	100		
43	34.6	60.2	90.4#
58	62.1	44.2	66.2

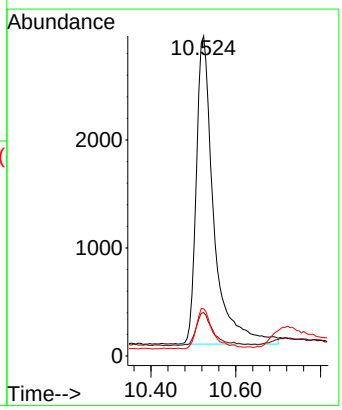


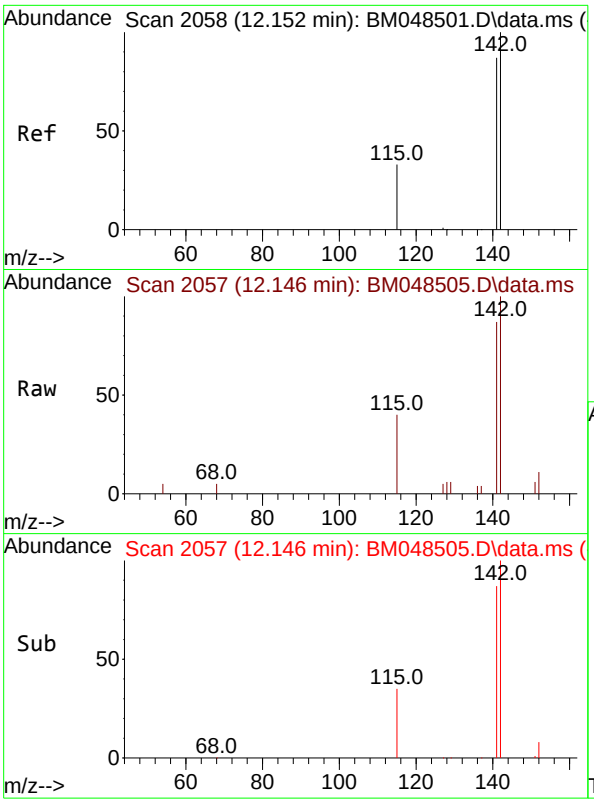


#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.524 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:128 Resp: 8174

Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.0	15.0
127	14.7	10.9	16.3



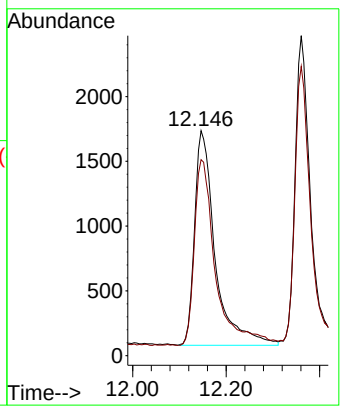


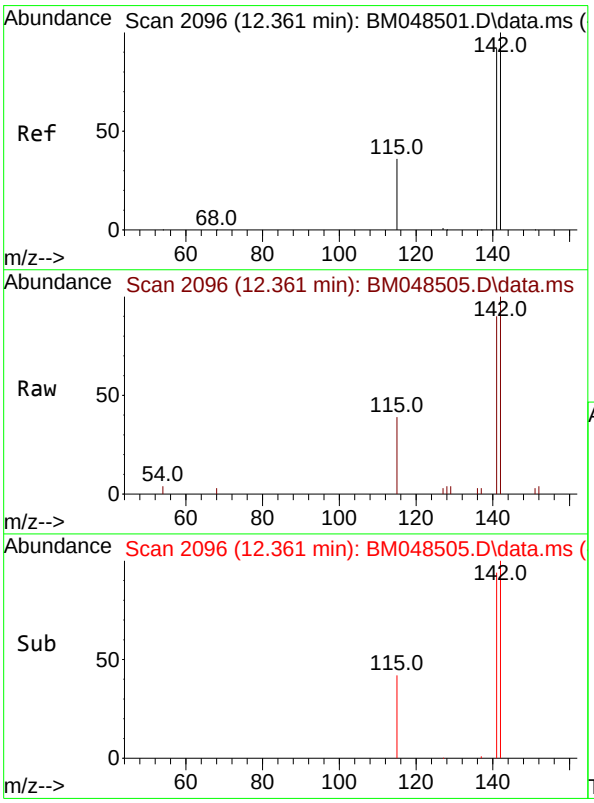
#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.146 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:142 Resp: 5072

Ion	Ratio	Lower	Upper
142	100		
141	89.2	68.6	103.0

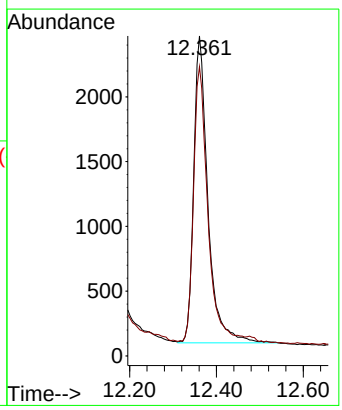


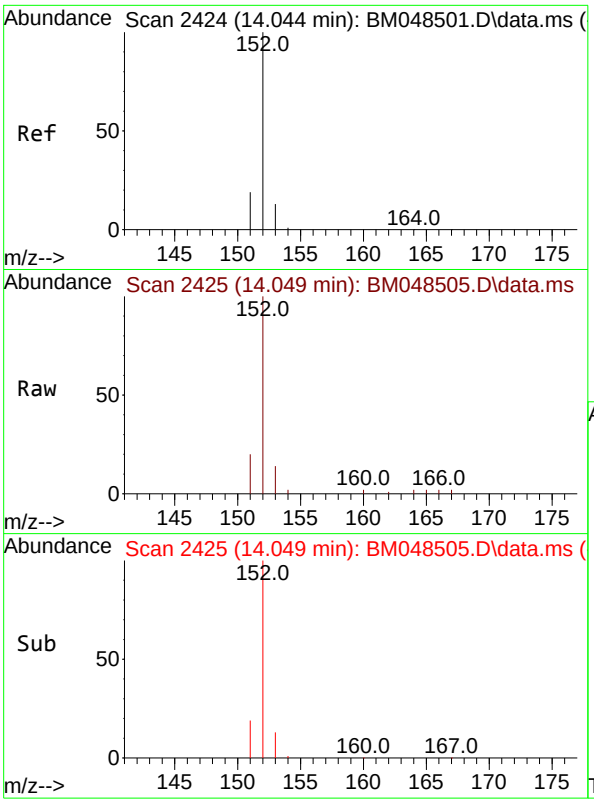


#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.361 min Scan# 2096
Delta R.T. -0.004 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:142 Resp: 5383

Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.8	109.2



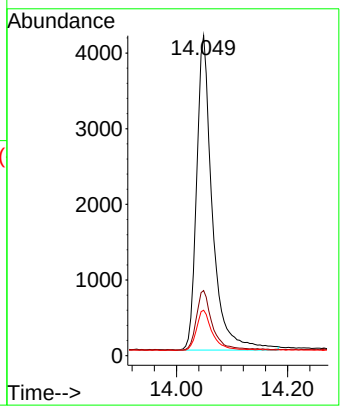


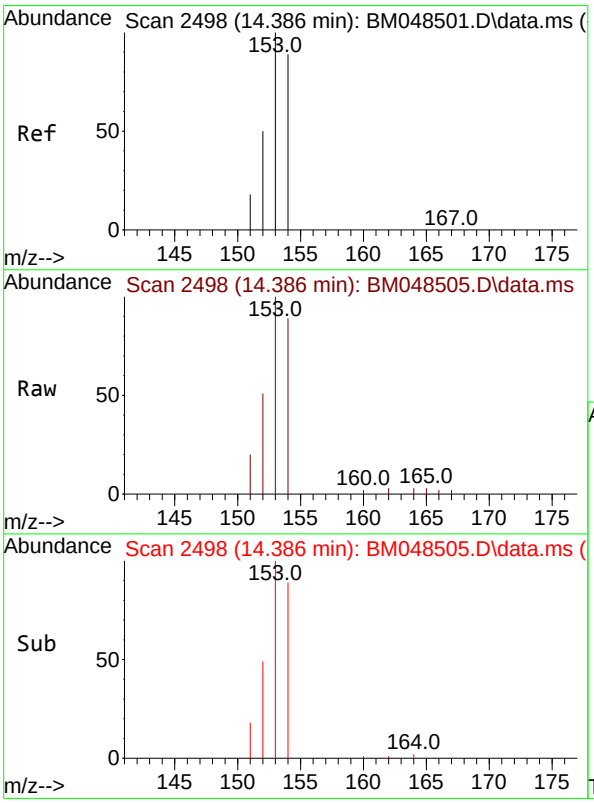
#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.049 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:152 Resp: 8181

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	14.2	11.6	17.4

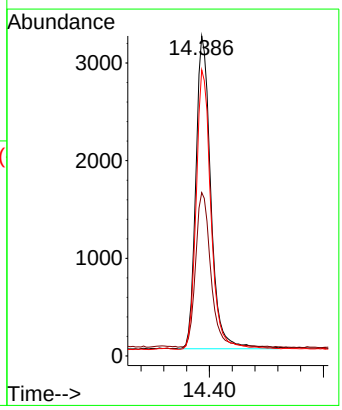


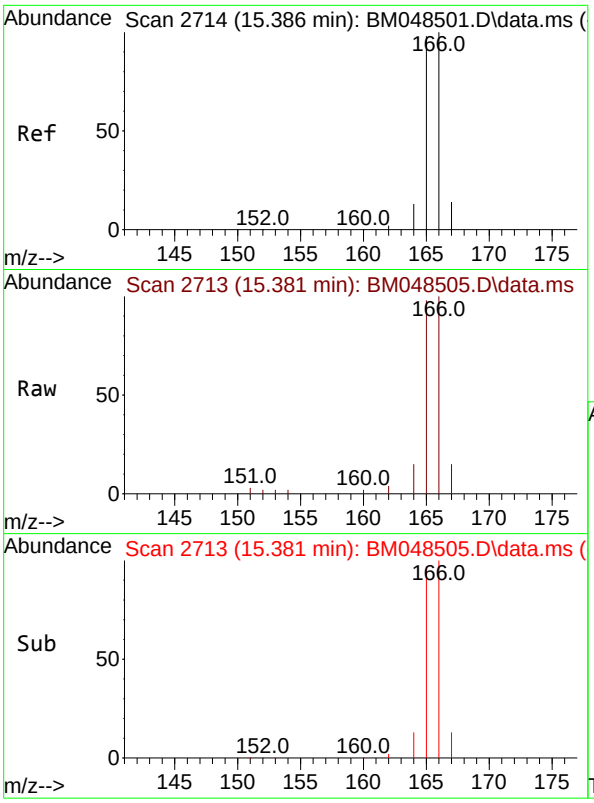


#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.386 min Scan# 2498
Delta R.T. -0.003 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:153 Resp: 5834

Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.1	61.7
154	89.4	70.3	105.5



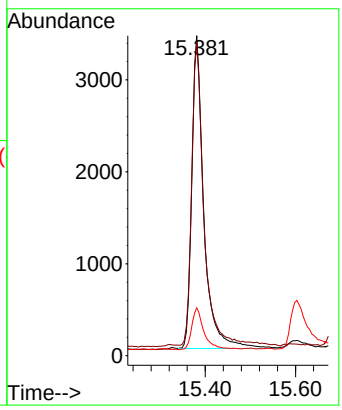


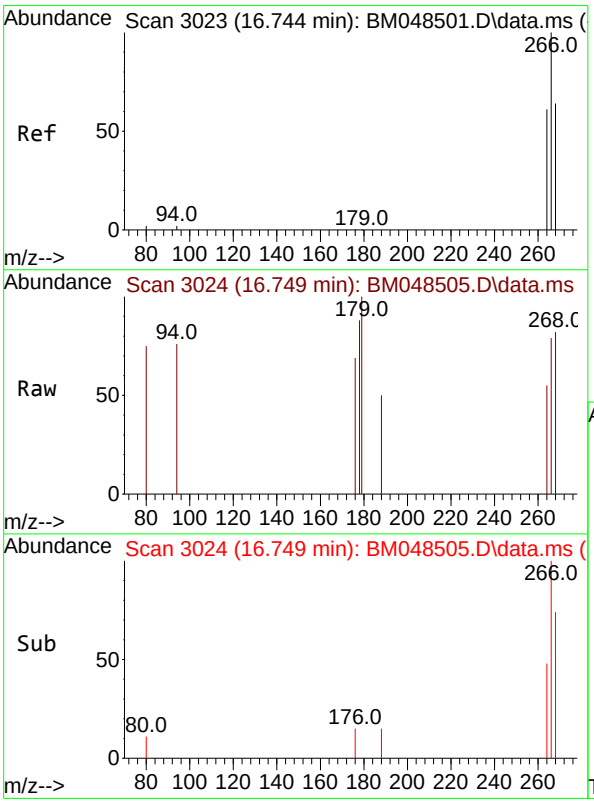
#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.381 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:166 Resp: 6362

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	14.9	12.6	18.8

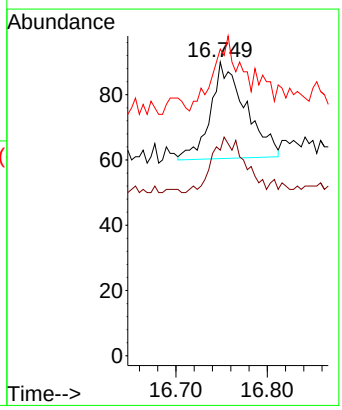


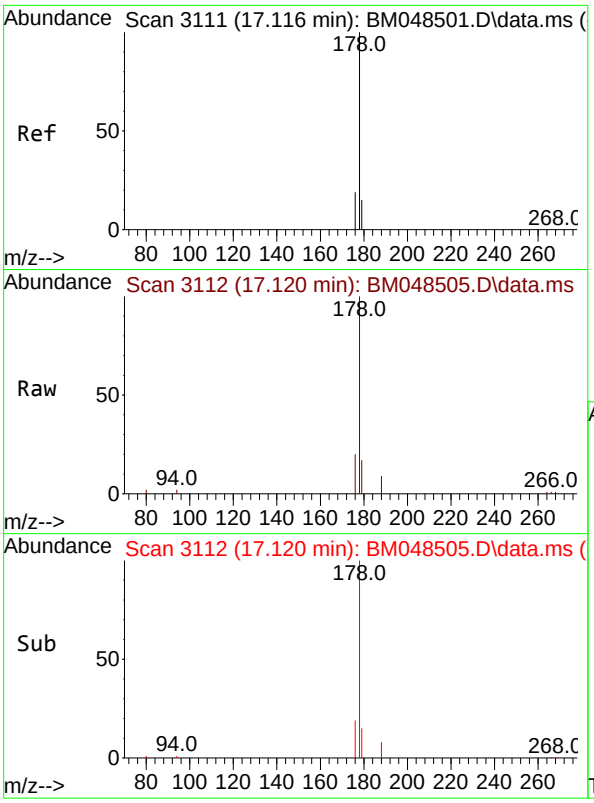


#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.749 min Scan# 3024
Delta R.T. 0.001 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
264	53.2	49.6	74.4
268	58.2	49.4	74.0



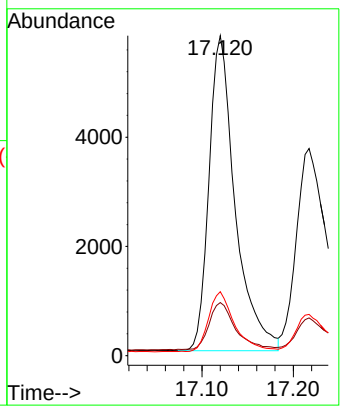


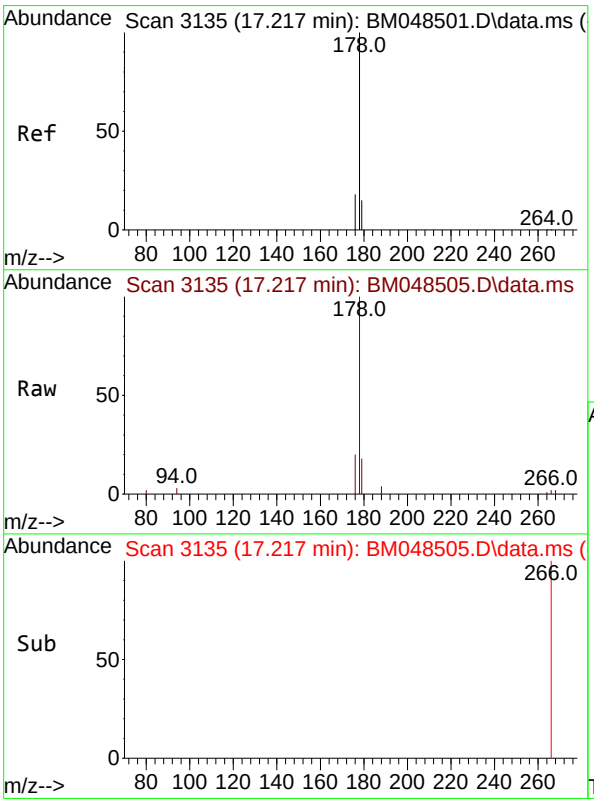
#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.120 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:178 Resp: 11475

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.0
176	20.0	16.2	24.2

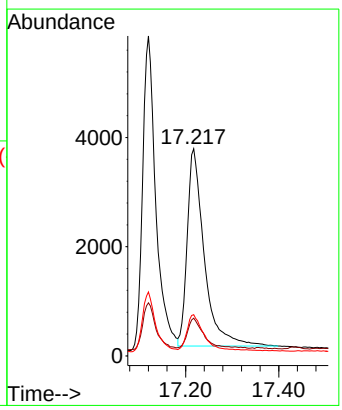


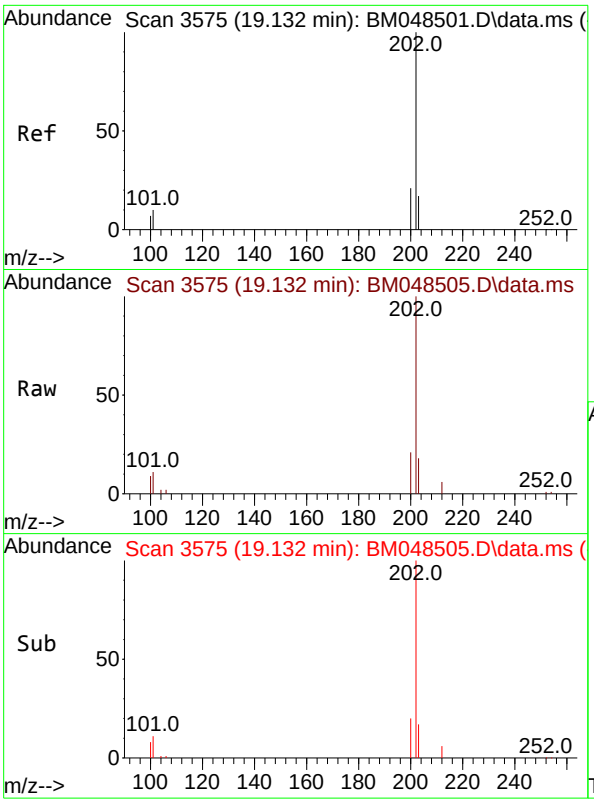


#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.217 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:178 Resp: 9175

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.7	20.5
176	19.9	15.9	23.9



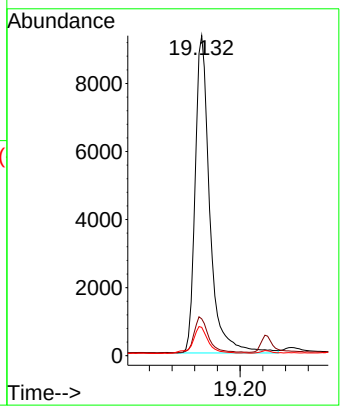


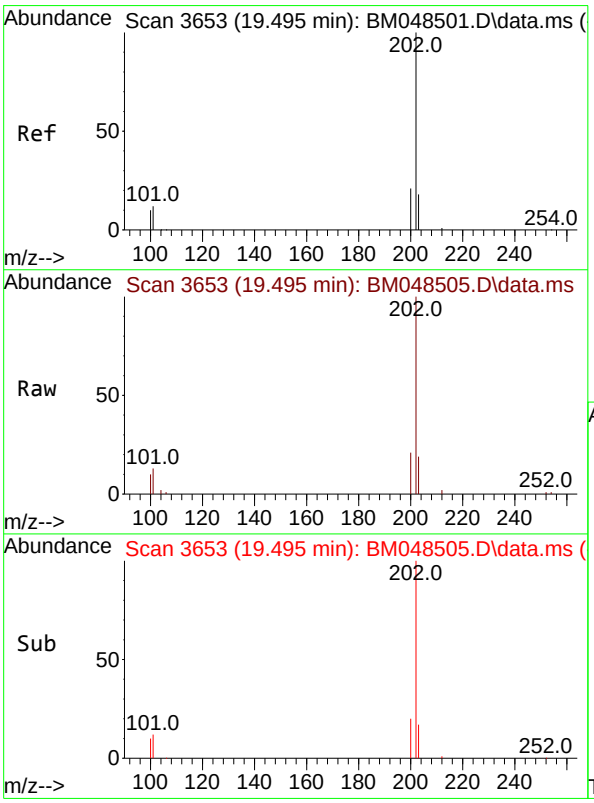
#19
Fluoranthene
Concen: 0.472 ng/ul
RT: 19.132 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:202 Resp: 16661

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.4
100	8.9	7.3	10.9

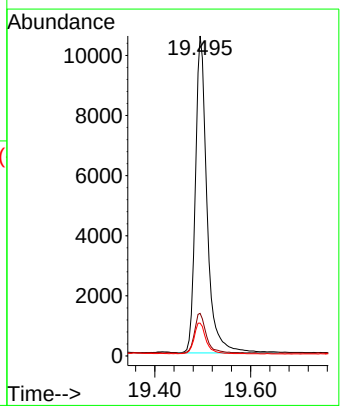


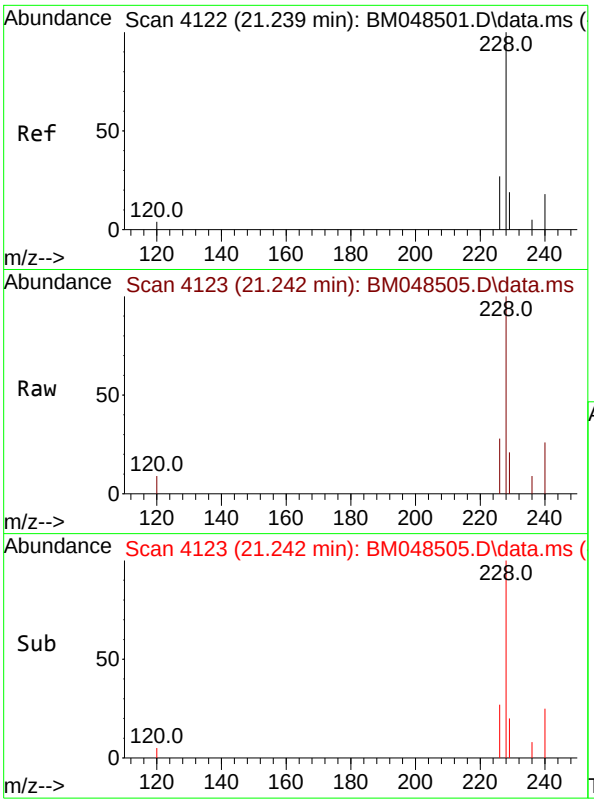


#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.495 min Scan# 3653
Delta R.T. -0.008 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:202 Resp: 17894

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.4	17.2
100	10.2	8.5	12.7



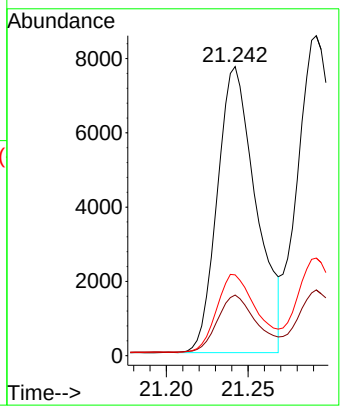


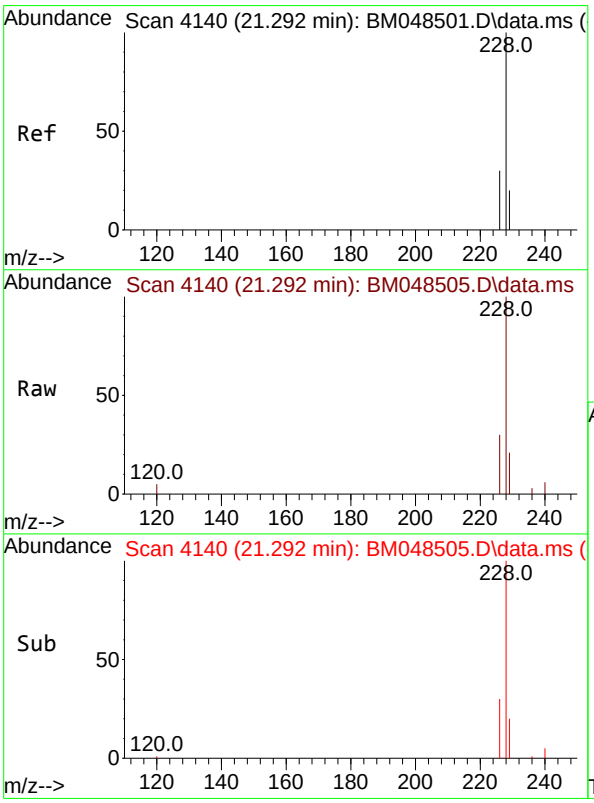
#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.242 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:228 Resp: 12746

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	27.9	22.1	33.1

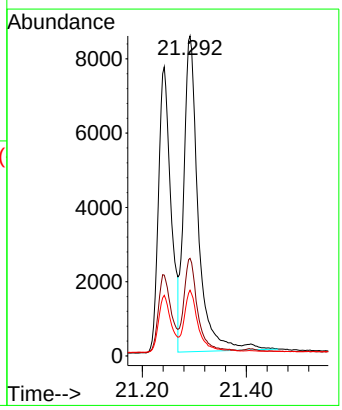


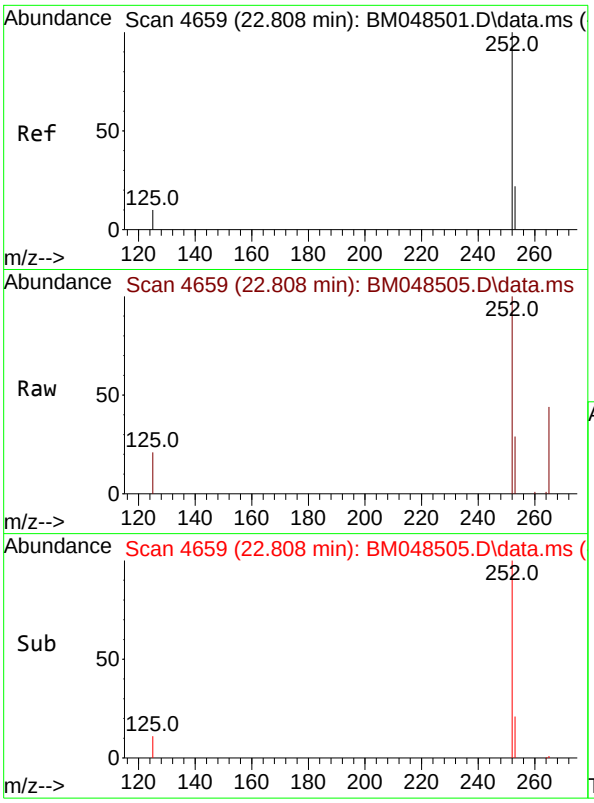


#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.292 min Scan# 4140
Delta R.T. -0.009 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:228 Resp: 16344

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.5	16.5	24.7



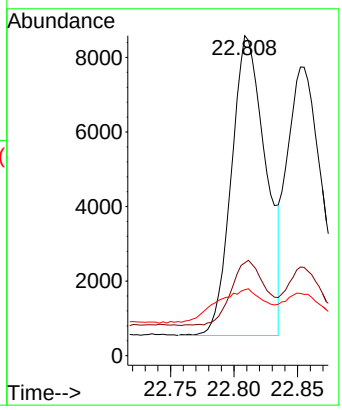


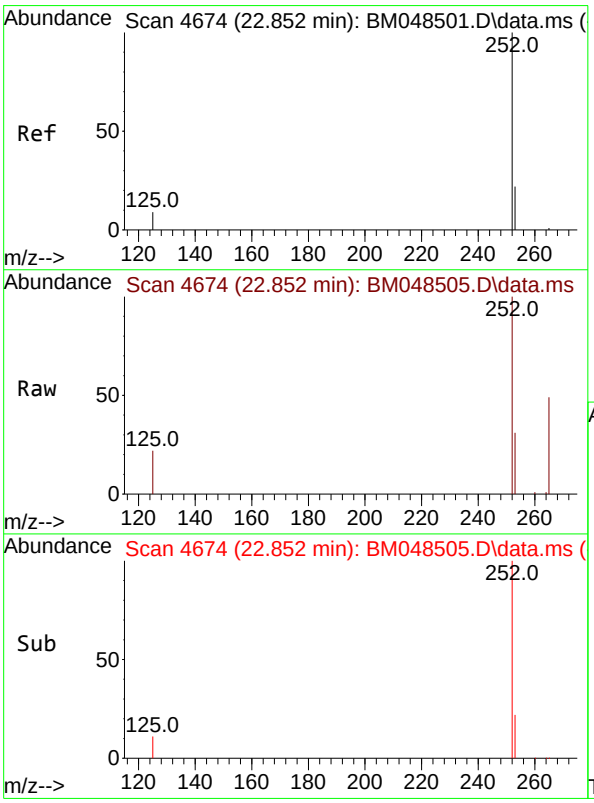
#24
Benzo(b)fluoranthene
Concen: 0.461 ng/ul
RT: 22.808 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:252 Resp: 15077

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	61.6
125	20.6	0.0	43.2

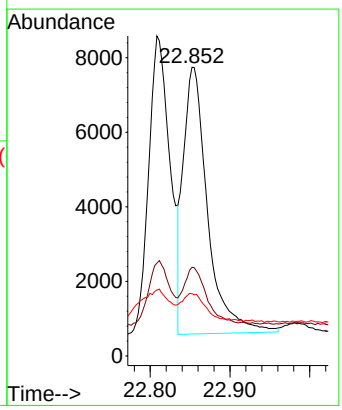


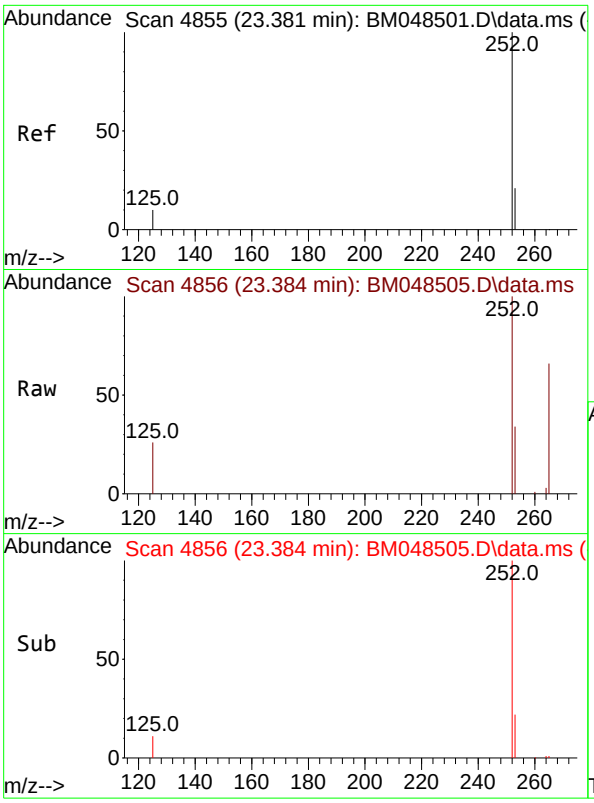


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.852 min Scan# 4674
Delta R.T. -0.015 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:252 Resp: 15108

Ion	Ratio	Lower	Upper
252	100		
253	30.7	25.0	37.4
125	21.6	17.4	26.0



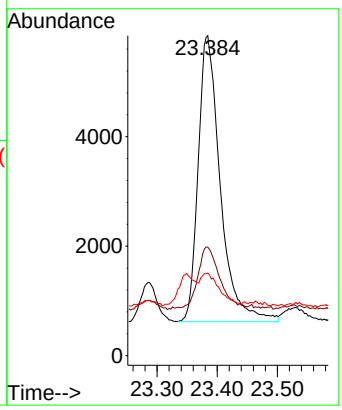


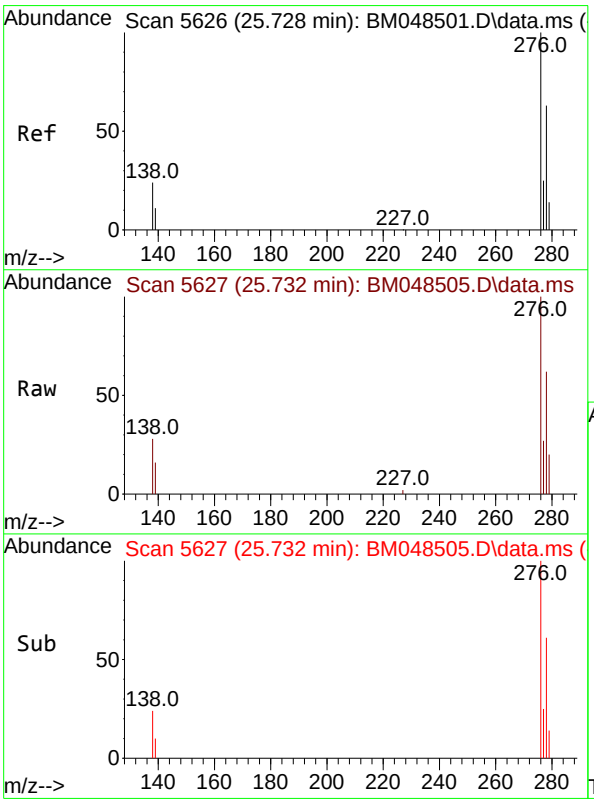
#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.384 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:252 Resp: 13357

Ion	Ratio	Lower	Upper
252	100		
253	33.9	29.6	44.4
125	25.8	23.9	35.9

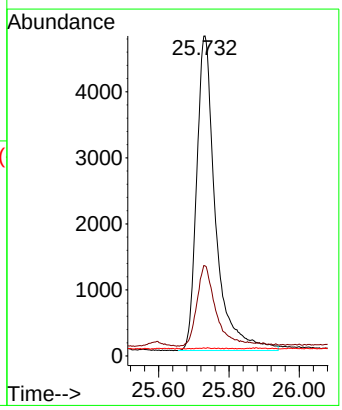


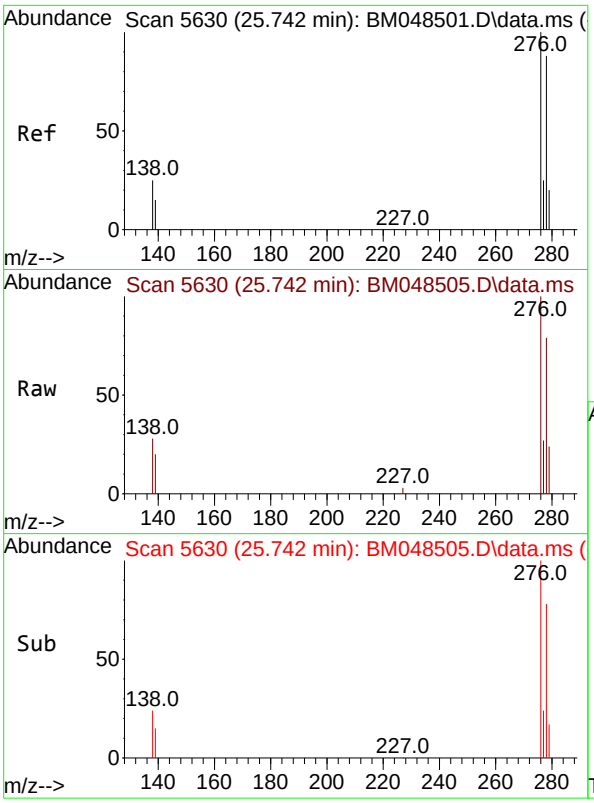


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 25.732 min Scan# 5627
Delta R.T. -0.021 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:276 Resp: 17697

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.1	30.1
227	0.0	0.1	0.1#



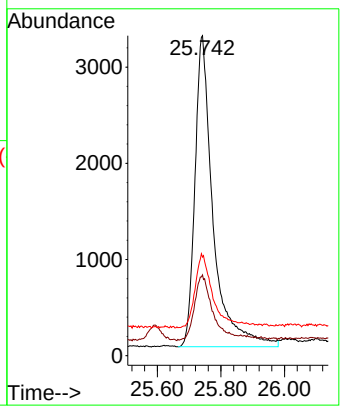


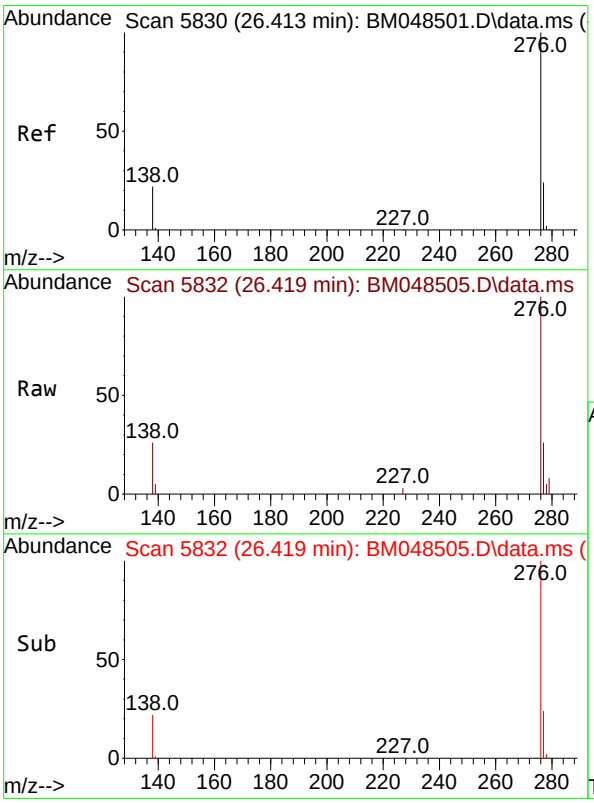
#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 25.742 min Scan# 5
Delta R.T. -0.034 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Instrument :
BNA_M
ClientSampleId :
BHK69MS

Tgt Ion:278 Resp: 12817

Ion	Ratio	Lower	Upper
278	100		
139	25.2	17.8	26.8
279	30.8	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.419 min Scan# 5832
Delta R.T. -0.024 min
Lab File: BM048505.D
Acq: 07 Nov 2024 10:41

Tgt Ion:276 Resp: 14947

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.0	31.6
277	26.2	20.5	30.7