Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049285.D
Acq On : 28 Dec 2024 10:21
Operator : RC/JU
Sample : P5351-07MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Quant Time: Dec 29 21:56:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	18690	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	11956	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	26354	0.400	ng/ul	0.00
17) Chrysene-d12	21.129	240	22535	0.400	ng/ul	0.00
23) Perylene-d12	23.280	264	25194	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2404	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	6742	0.268	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	17654	0.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	7066	0.923	ng/ul#	82
5) Naphthalene	10.347	128	14505	0.310	ng/ul	99
7) 2-Methylnaphthalene	11.975	142	9447	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	10022	0.330	ng/ul	98
10) Acenaphthylene	13.895	152	15021	0.303	ng/ul	99
11) Acenaphthene	14.237	153	18497	0.511	ng/ul	99
12) Fluorene	15.232	166	20914	0.513	ng/ul	98
14) Pentachlorophenol	16.583	266	4257	0.584	ng/ul	96
15) Phenanthrene	16.967	178	250827	3.644	ng/ul	98
16) Anthracene	17.060	178	63739	1.009	ng/ul	99
19) Fluoranthene	18.992	202	452247	5.551	ng/ul	99
20) Pyrene	19.354	202	382697	4.404	ng/ul	99
21) Benzo(a)anthracene	21.114	228	201076	2.565	ng/ul	99
22) Chrysene	21.164	228	182927	2.174	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	327372	4.067	ng/ul	91
25) Benzo(k)fluoranthene	22.809	252	26081	0.295	ng/ul	93
26) Benzo(a)pyrene	23.323	252	36696	0.475	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.410	276	127576	1.168	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.420	278	43027	0.507	ng/ul	99
29) Benzo(g,h,i)perylene	26.054	276	125021	1.423	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
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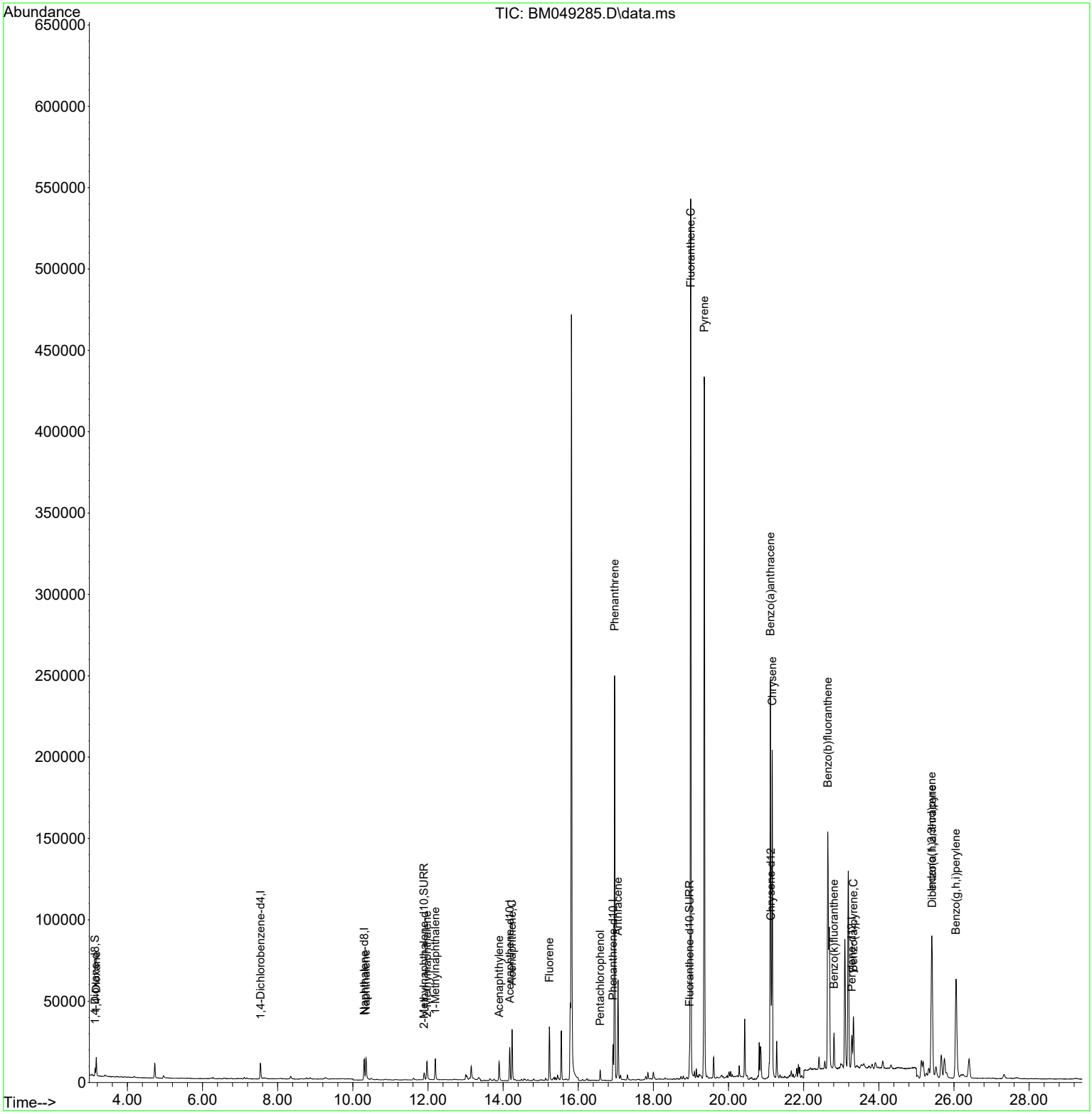
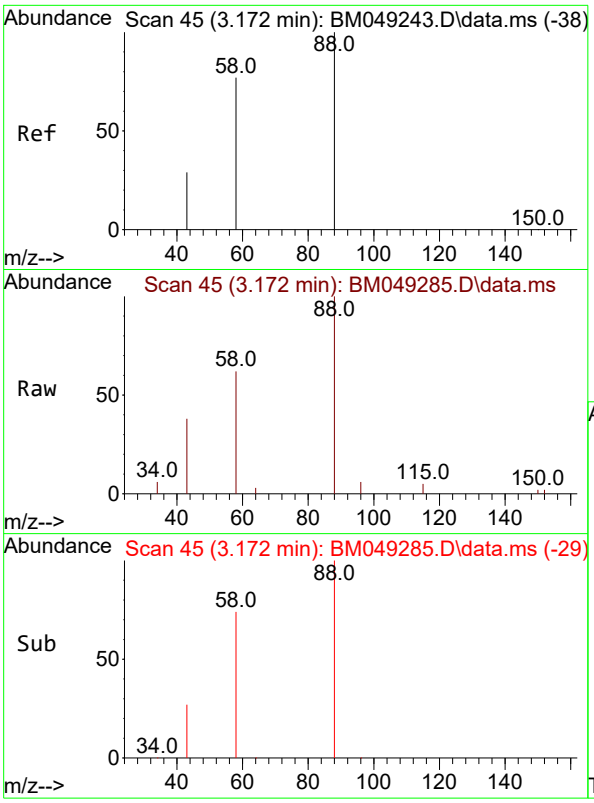
Quant Time: Dec 29 21:56:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



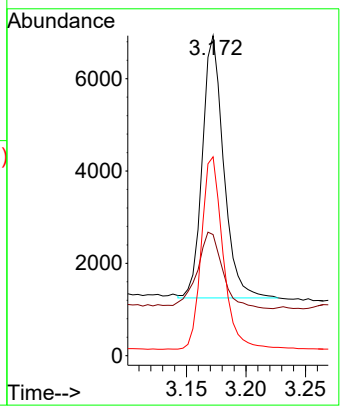


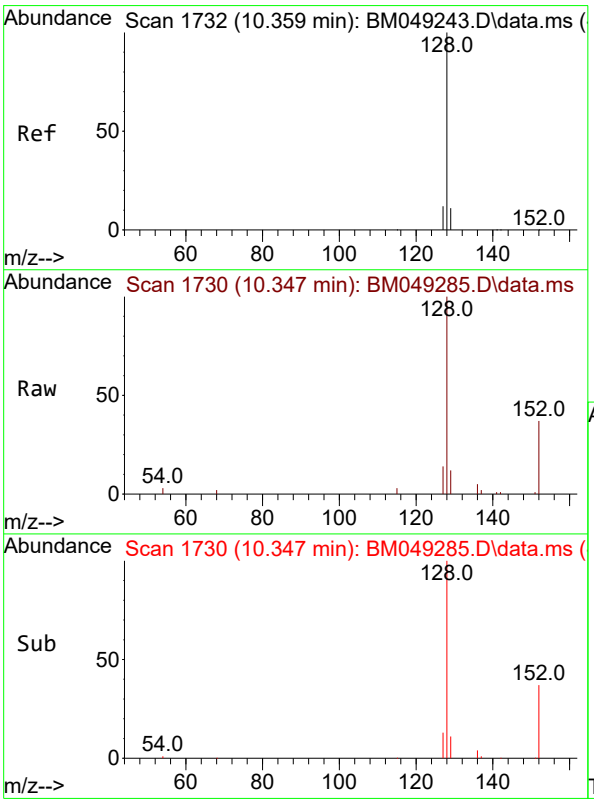
#2
1,4-Dioxane
Concen: 0.923 ng/ul
RT: 3.172 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion: 88 Resp: 7066

Ion	Ratio	Lower	Upper
88	100		
43	37.9	45.4	68.2#
58	62.2	43.6	65.4

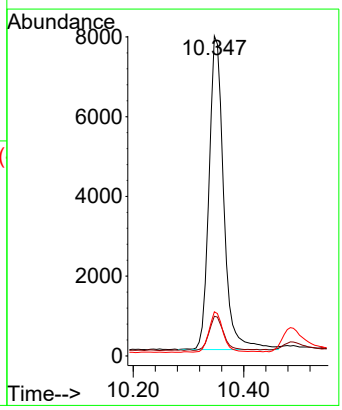


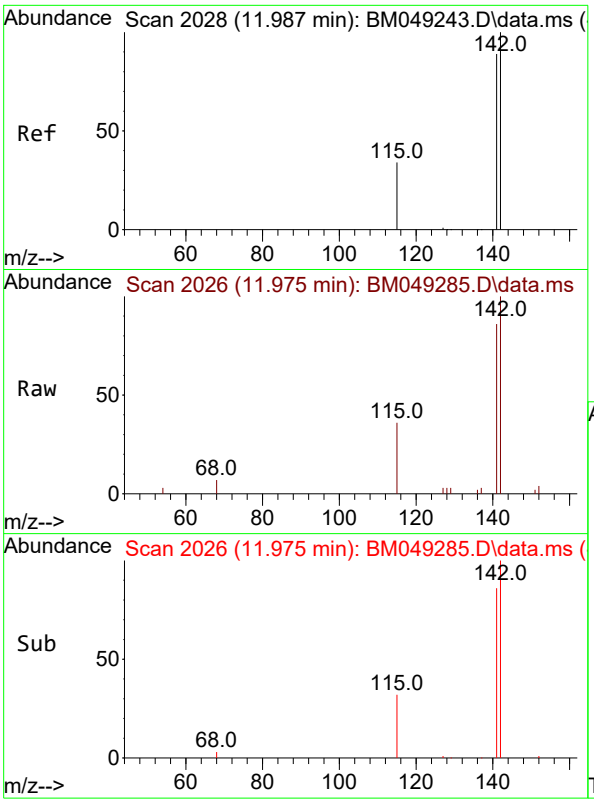


#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.011 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:128 Resp: 14505

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.7	14.5
127	13.8	10.6	16.0



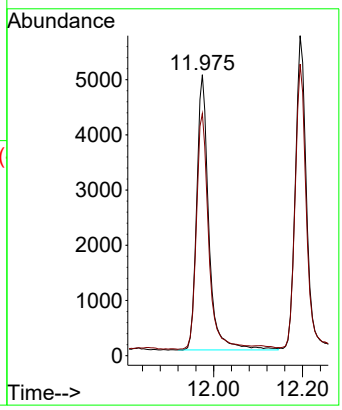


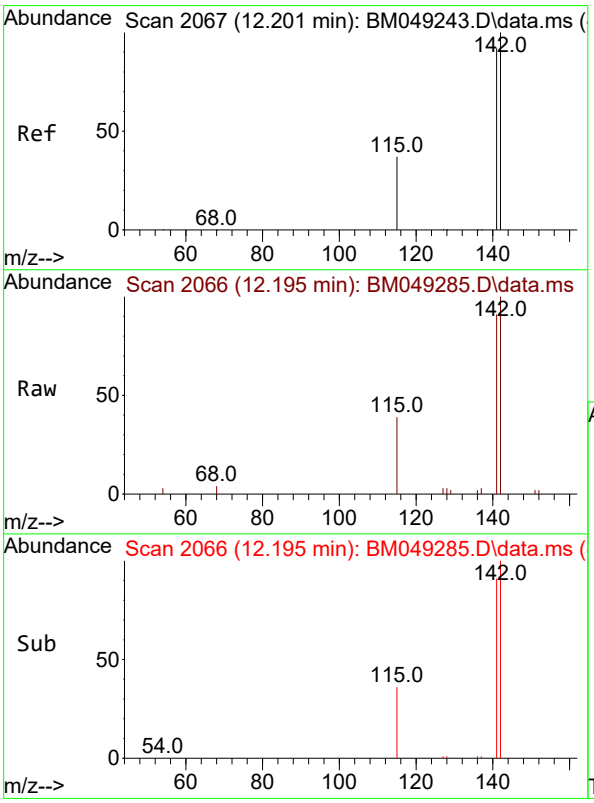
#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 11.975 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:142 Resp: 9447

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5

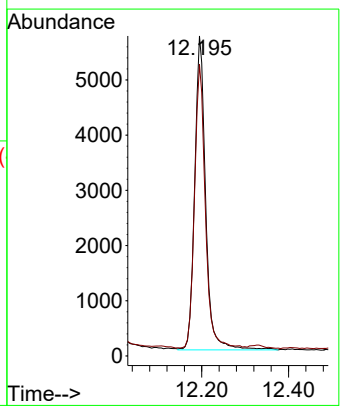


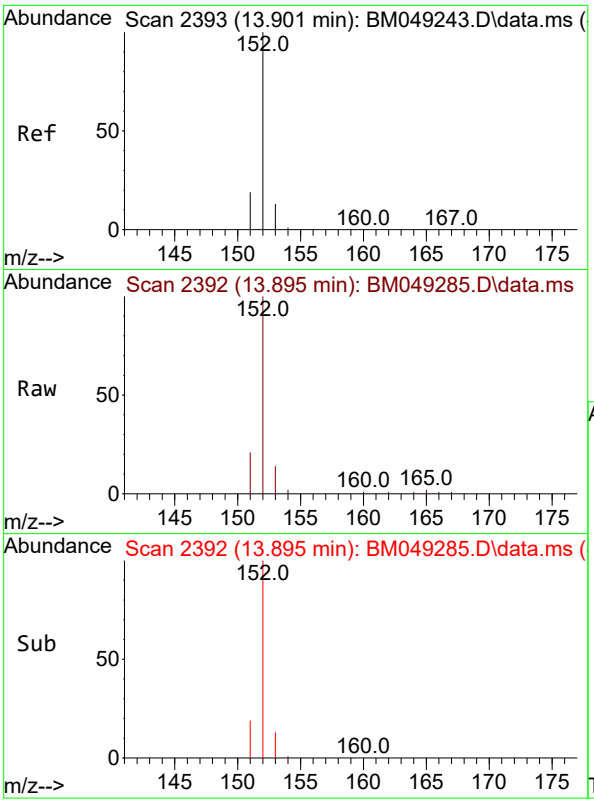


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:142 Resp: 10022

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.7	109.1



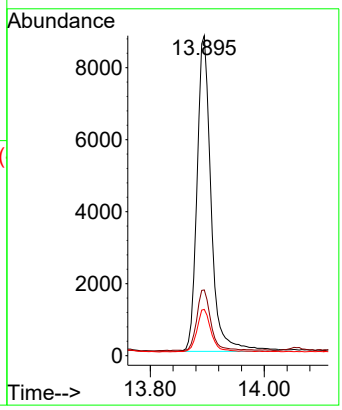


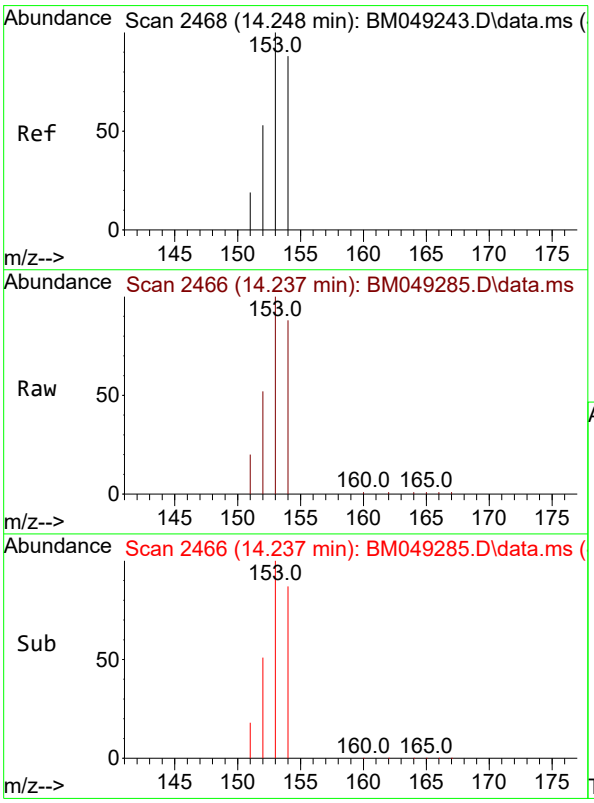
#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 13.895 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:152 Resp: 15021

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	14.4	11.0	16.6

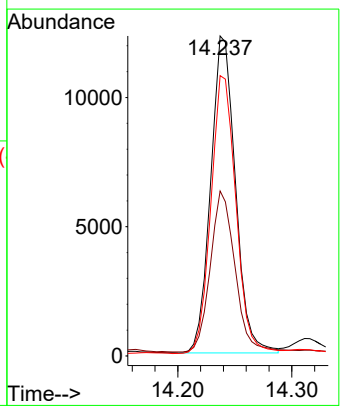


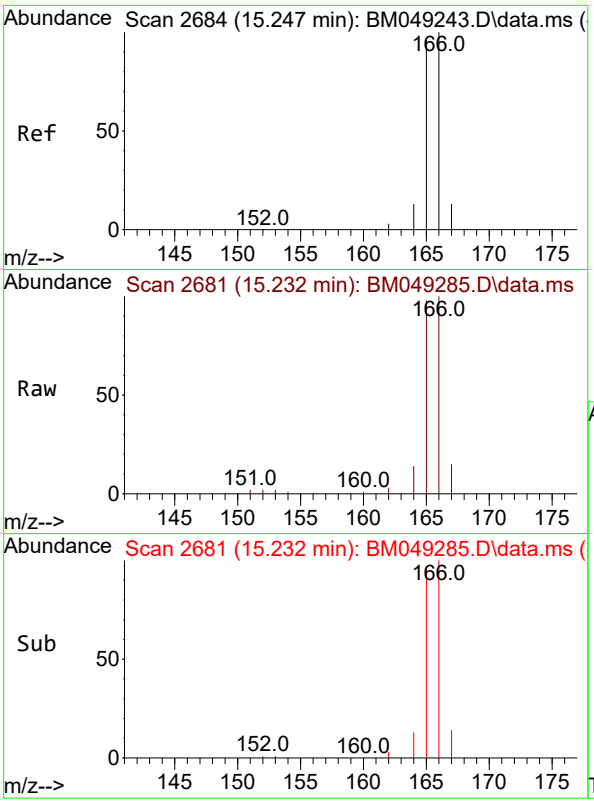


#11
Acenaphthene
Concen: 0.511 ng/ul
RT: 14.237 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:153 Resp: 18497

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.7	61.1
154	87.6	70.8	106.2



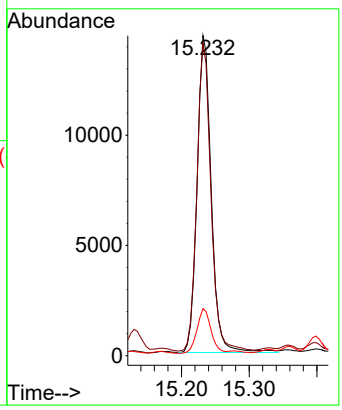


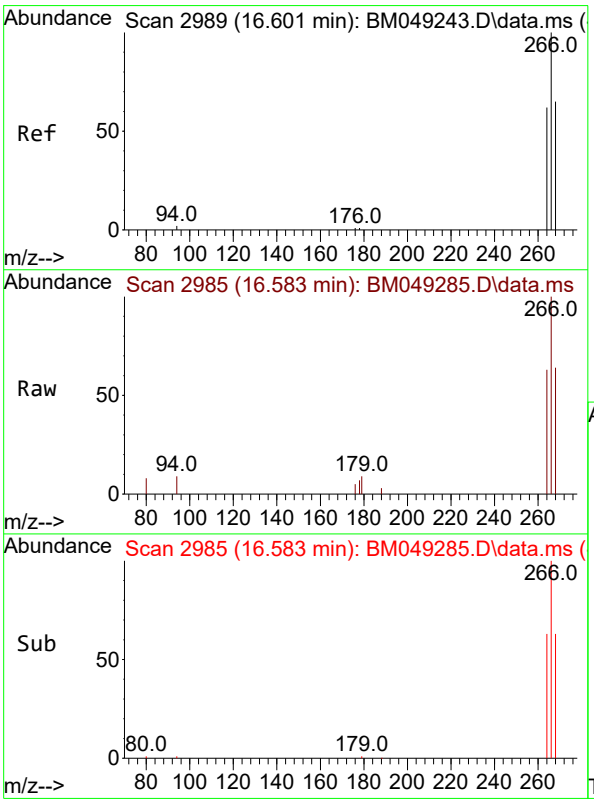
#12
Fluorene
Concen: 0.513 ng/ul
RT: 15.232 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:166 Resp: 20914

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.7	119.5
167	14.7	11.4	17.0

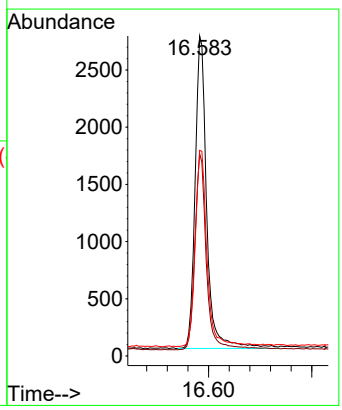


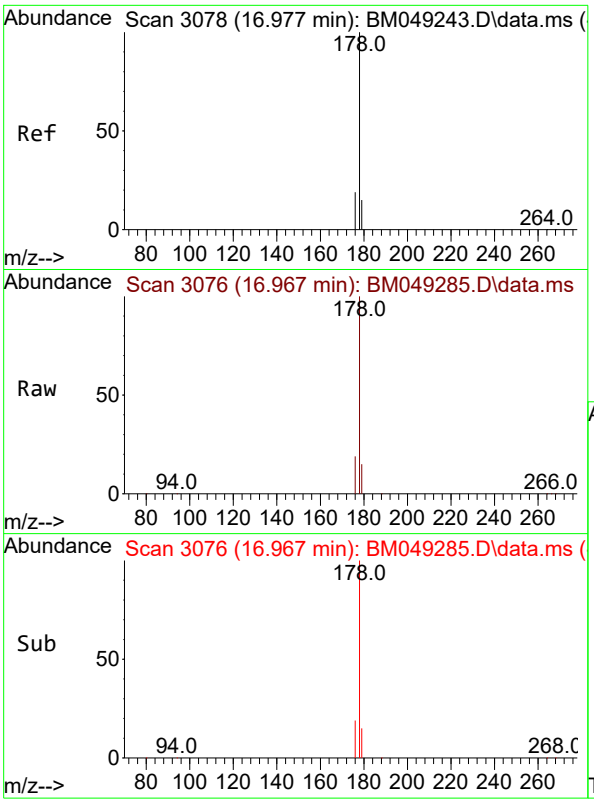


#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.583 min Scan# 2985
Delta R.T. -0.013 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:266 Resp: 4257

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.3	72.5
268	63.6	47.5	71.3



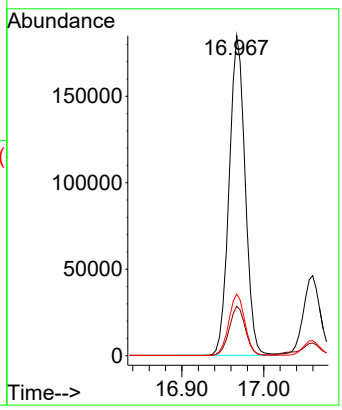


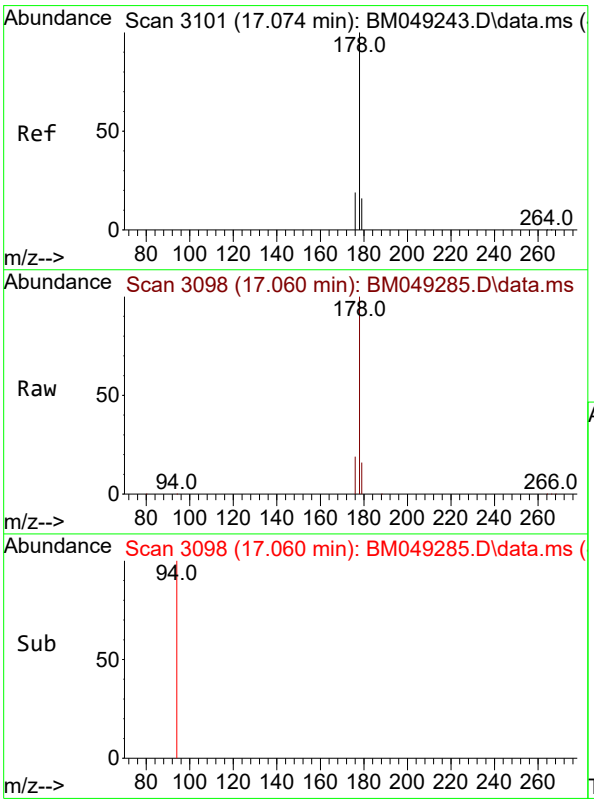
#15
Phenanthrene
Concen: 3.644 ng/ul
RT: 16.967 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:178 Resp: 250827

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.2	16.2	24.2

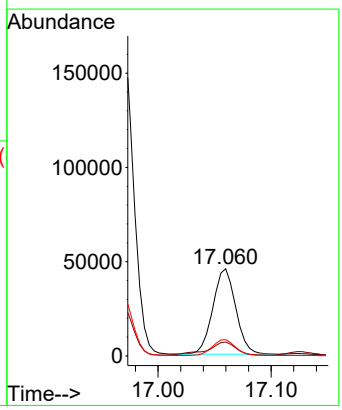


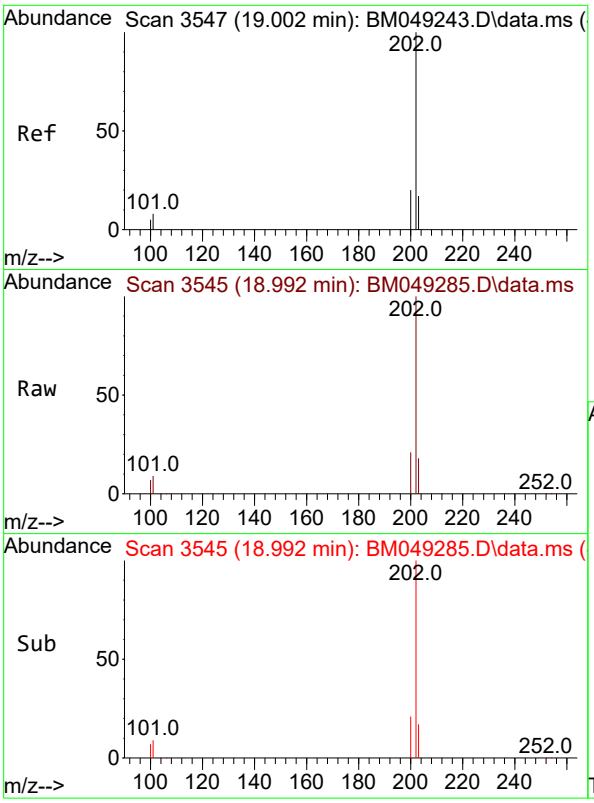


#16
Anthracene
Concen: 1.009 ng/ul
RT: 17.060 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:178 Resp: 63739

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	18.8	15.3	22.9



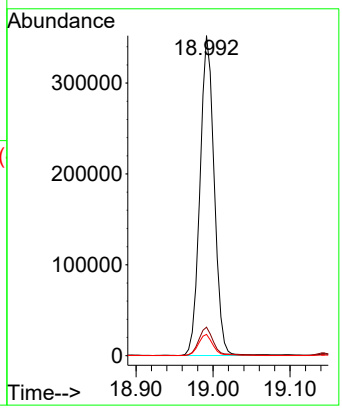


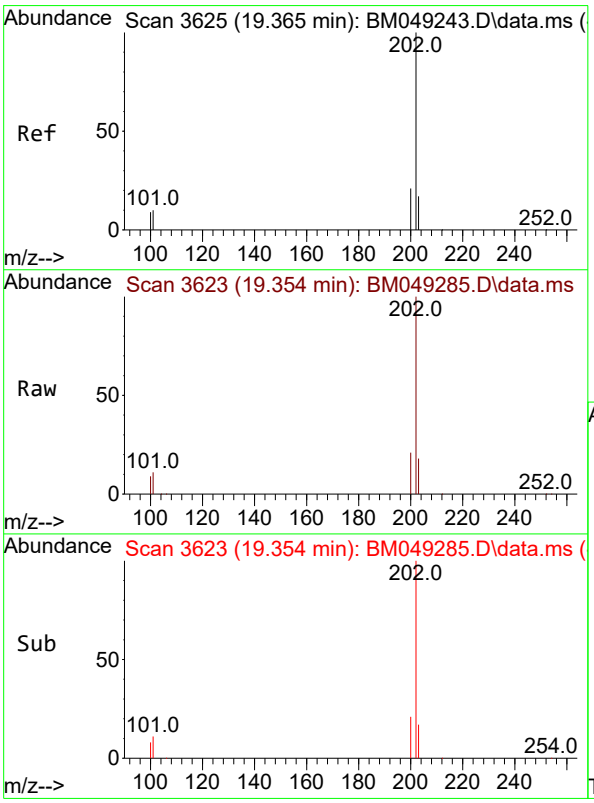
#19
Fluoranthene
Concen: 5.551 ng/ul
RT: 18.992 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:202 Resp: 452247

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.6	11.4
100	6.7	5.5	8.3

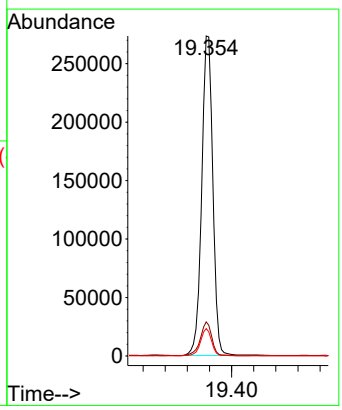


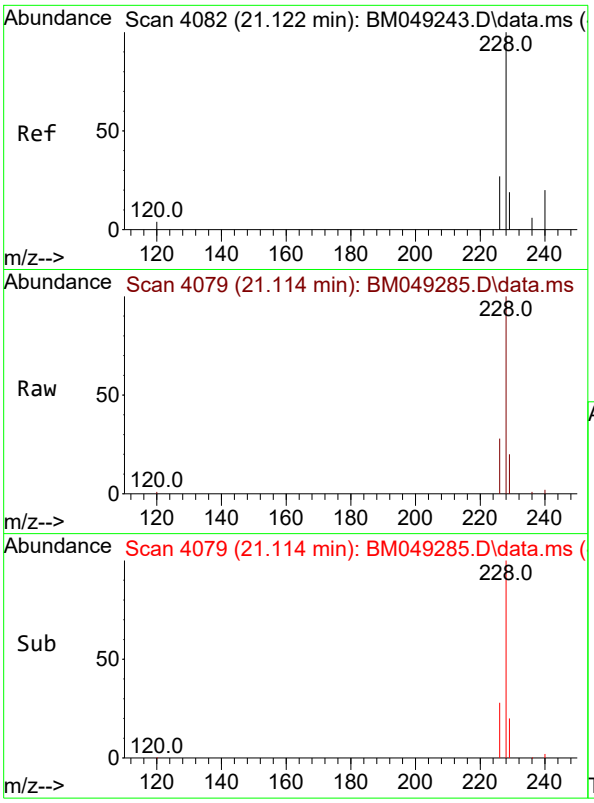


#20
Pyrene
Concen: 4.404 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:202 Resp: 382697

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.9	13.3
100	8.5	6.9	10.3



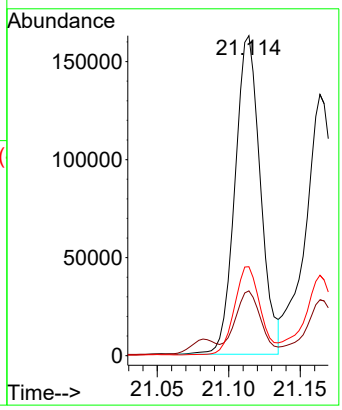


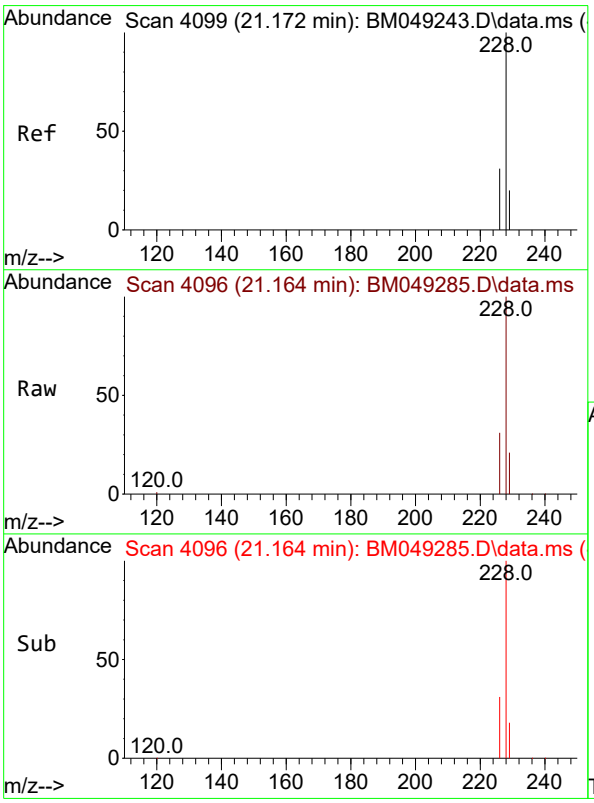
#21
Benzo(a)anthracene
Concen: 2.565 ng/ul
RT: 21.114 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:228 Resp: 201076

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.8	22.6	34.0

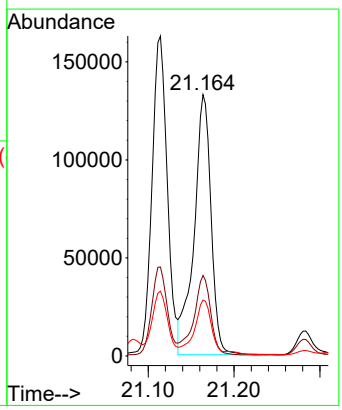


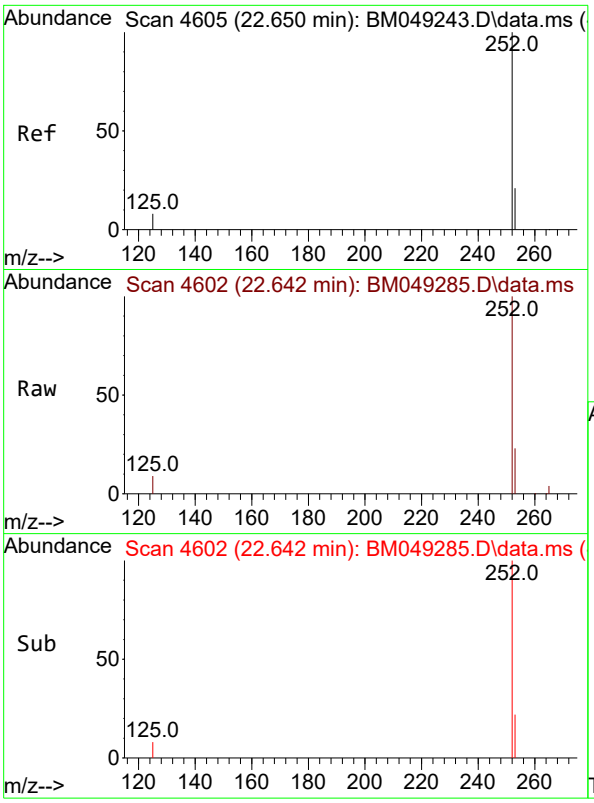


#22
Chrysene
Concen: 2.174 ng/ul
RT: 21.164 min Scan# 4096
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:228 Resp: 182927

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	21.4	15.8	23.8



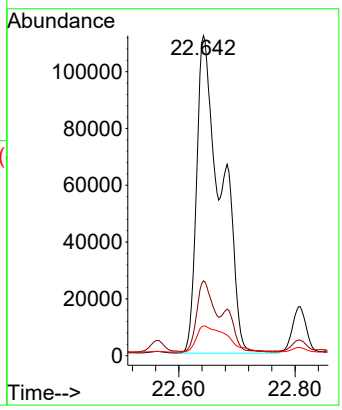


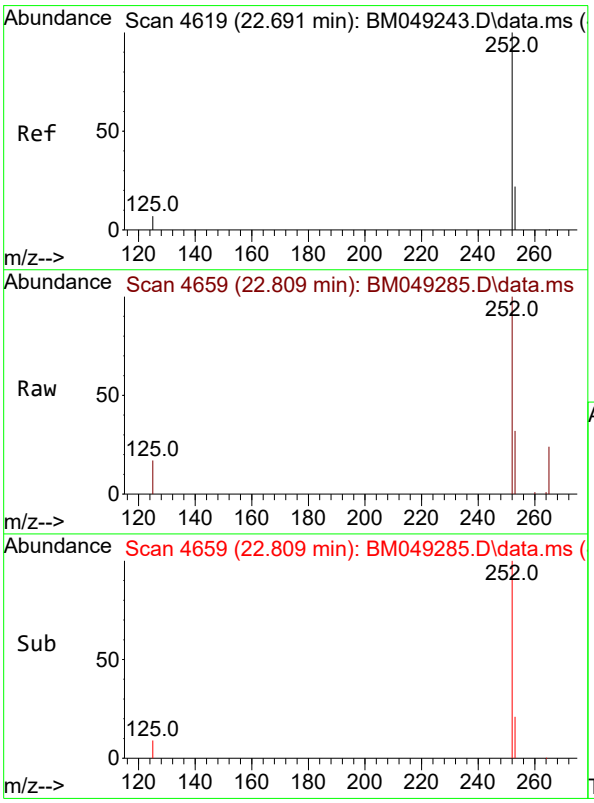
#24
Benzo(b)fluoranthene
Concen: 4.067 ng/ul
RT: 22.642 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:252 Resp: 327372

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	52.6
125	9.3	0.0	30.8

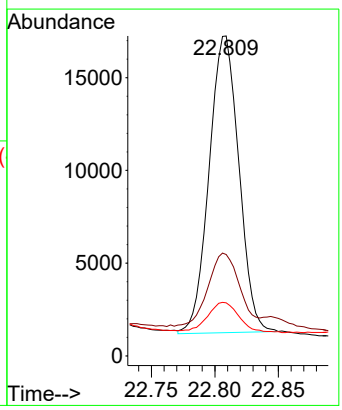


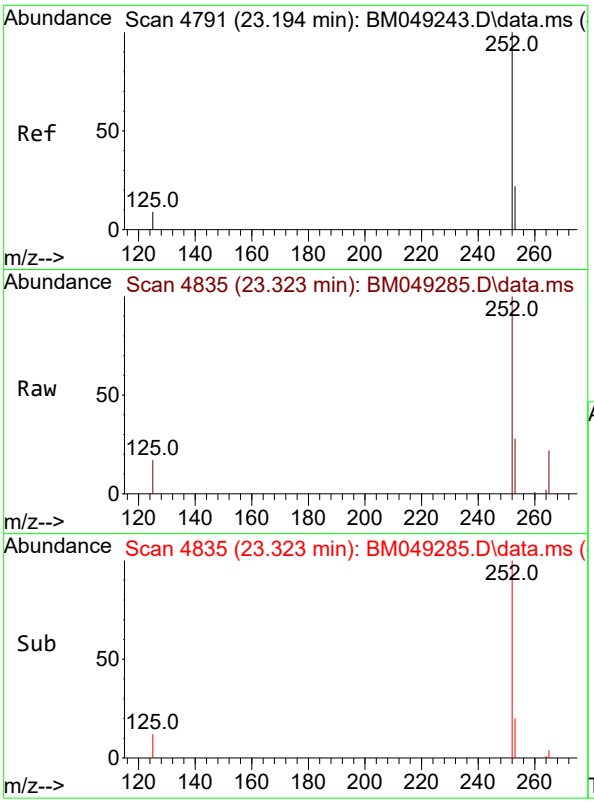


#25
Benzo(k)fluoranthene
Concen: 0.295 ng/ul
RT: 22.809 min Scan# 4659
Delta R.T. 0.117 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:252 Resp: 26081

Ion	Ratio	Lower	Upper
252	100		
253	31.7	21.3	31.9
125	16.6	12.6	18.8



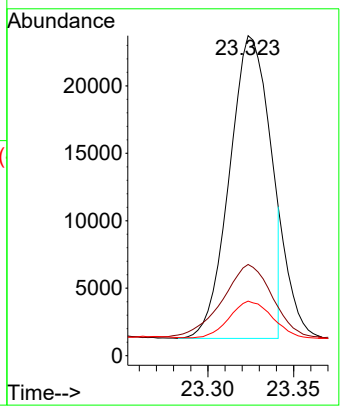


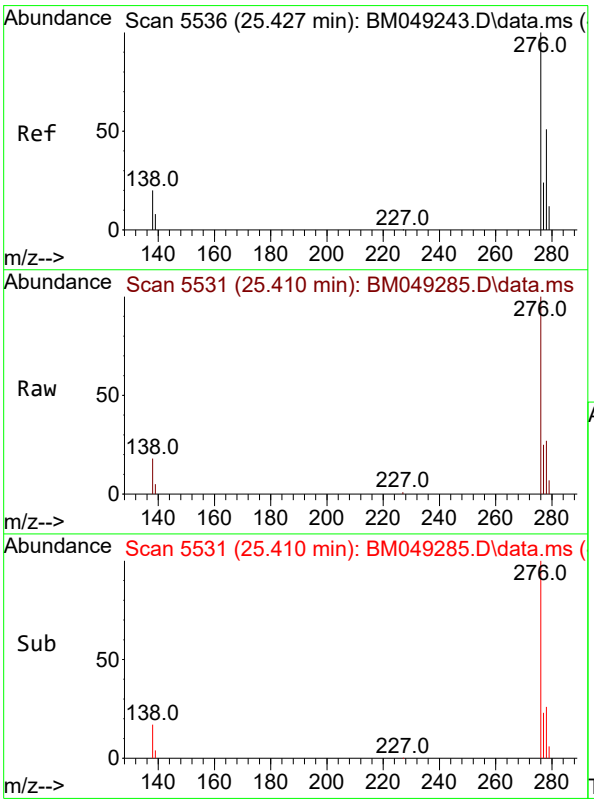
#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.323 min Scan# 4
Delta R.T. 0.132 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:252 Resp: 36696

Ion	Ratio	Lower	Upper
252	100		
253	28.5	22.4	33.6
125	17.1	14.8	22.2

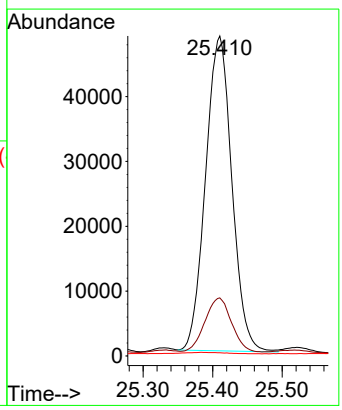


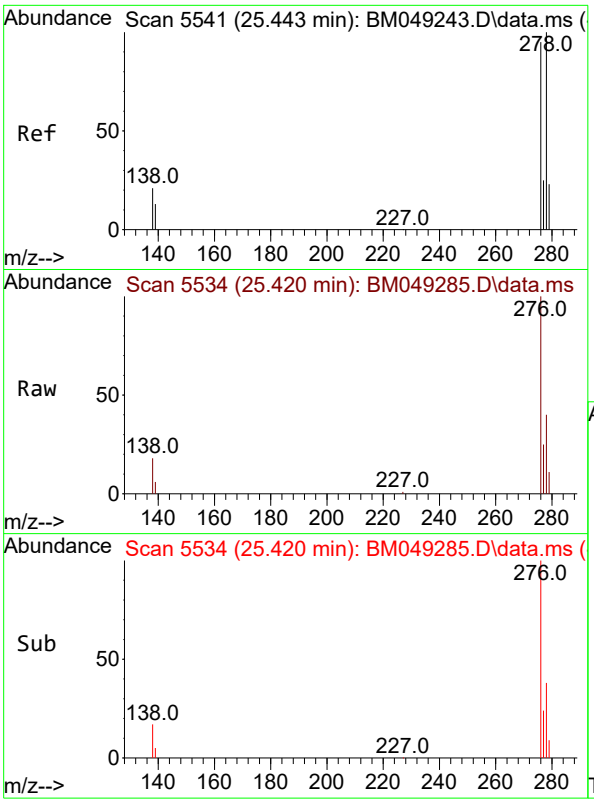


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.168 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.007 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:276 Resp: 127576

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.4	26.2
227	0.0	0.2	0.2#



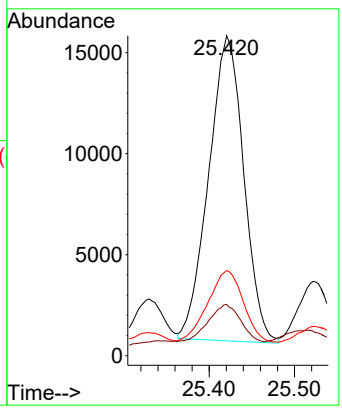


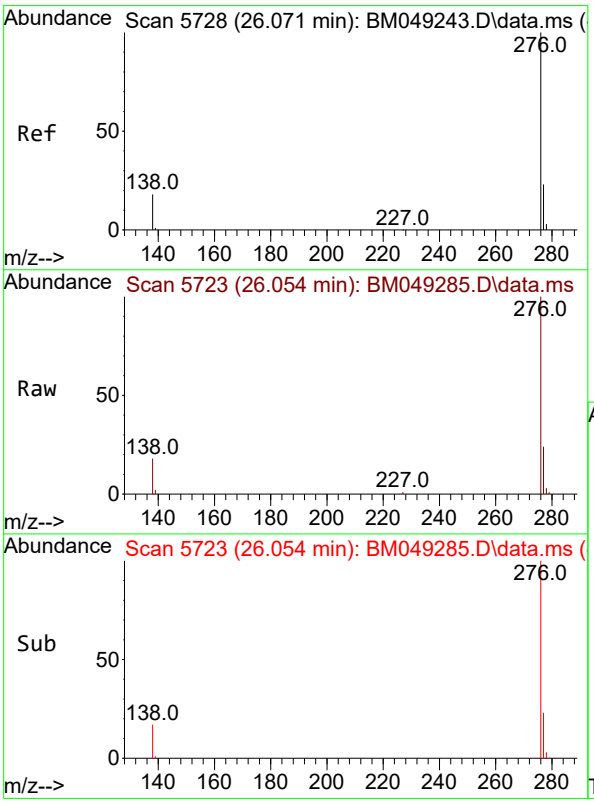
#28
Dibenzo(a,h)anthracene
Concen: 0.507 ng/ul
RT: 25.420 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Tgt Ion:278 Resp: 43027

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	26.6	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 1.423 ng/ul
RT: 26.054 min Scan# 5723
Delta R.T. -0.013 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:276 Resp: 125021

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.7	25.1
277	24.1	19.9	29.9