Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045495.D
Acq On : 23 Apr 2024 00:51
Operator : MA/JU
Sample : P2037-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY4

Quant Time: Apr 23 08:31:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	912	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136	2914	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.206	164	1850	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.065	188	151317	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.183	240	2710	0.400	ng/ul	#-0.03
23) Perylene-d12	23.378	264	3820	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	3188	2.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	884	0.230	ng/ul	-0.06
18) Fluoranthene-d10	19.006	212	1778	0.208	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	50	0.043	ng/ul#	77
5) Naphthalene	10.374	128	4934	0.631	ng/ul#	89
7) 2-Methylnaphthalene	12.002	142	2443	0.547	ng/ul	98
8) 1-Methylnaphthalene	12.222	142	1605	0.320	ng/ul	100
10) Acenaphthylene	13.923	152	1273	0.140	ng/ul#	81
11) Acenaphthene	14.266	153	513	0.076	ng/ul	94
15) Phenanthrene	17.006	178	29447	0.067	ng/ul	93
19) Fluoranthene	19.039	202	32337	2.586	ng/ul#	91
20) Pyrene	19.401	202	26283	2.045	ng/ul	94
21) Benzo(a)anthracene	21.172	228	13105	1.513	ng/ul	97
22) Chrysene	21.221	228	14079	1.057	ng/ul	98
24) Benzo(b)fluoranthene	22.720	252	26183	2.038	ng/ul	88
25) Benzo(k)fluoranthene	22.720	252	33673	2.074	ng/ul#	88
26) Benzo(a)pyrene	23.276	252	17110	1.284	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.557	276	17257	0.891	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.685	278	1272	0.083	ng/ul#	45
29) Benzo(g,h,i)perylene	26.225	276	18695	1.074	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045495.D
Acq On : 23 Apr 2024 00:51
Operator : MA/JU
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
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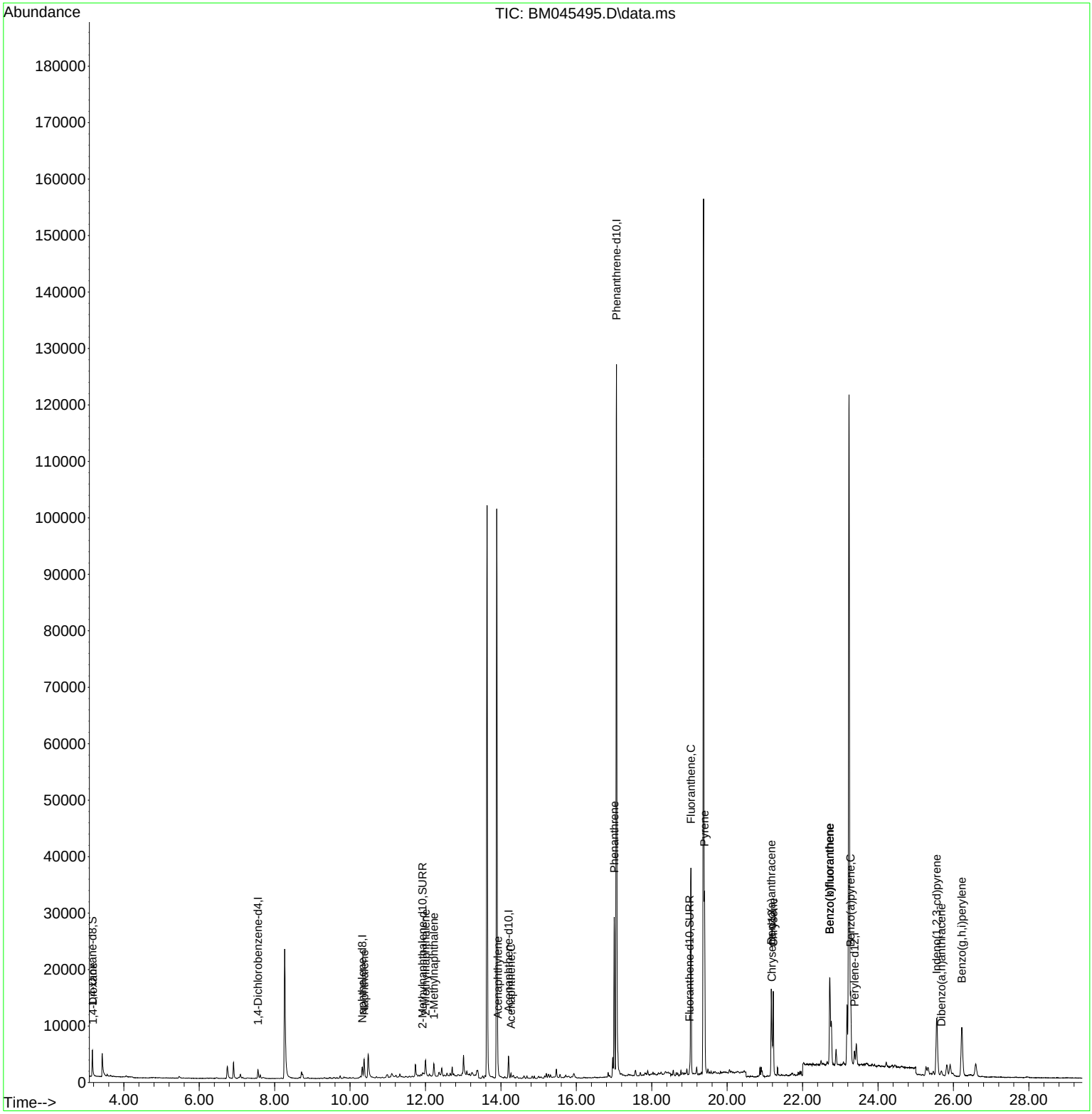
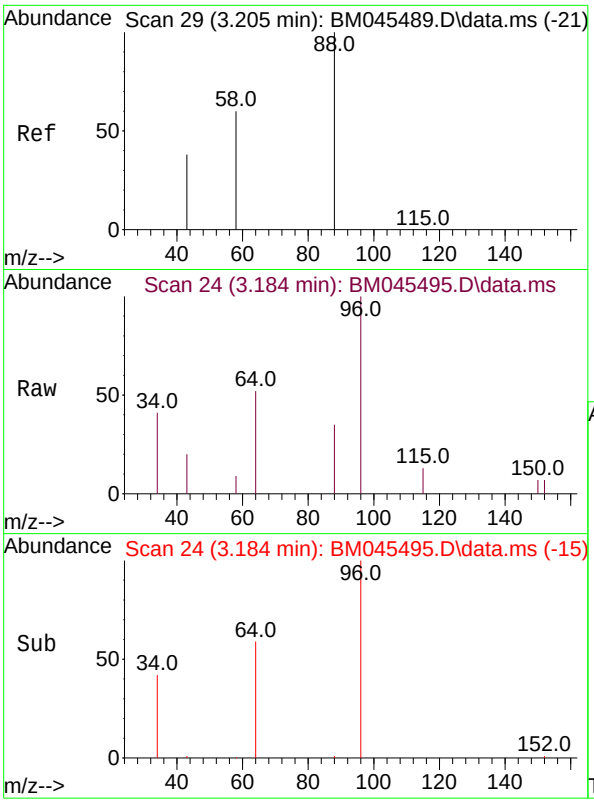


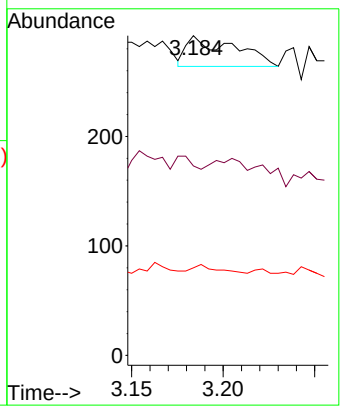


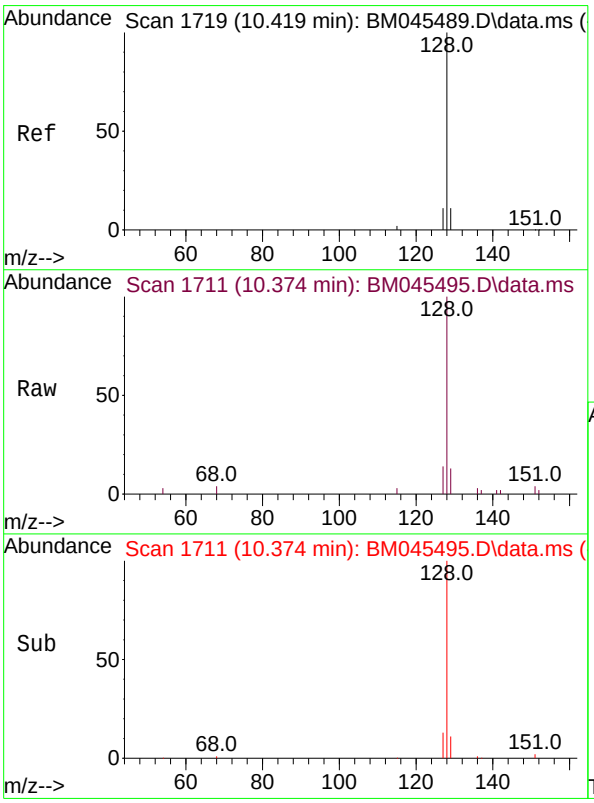
#2
1,4-Dioxane
Concen: 0.043 ng/ul
RT: 3.184 min Scan# 2
Delta R.T. -0.021 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	59.2	36.8	55.2#
58	27.4	35.4	53.2#

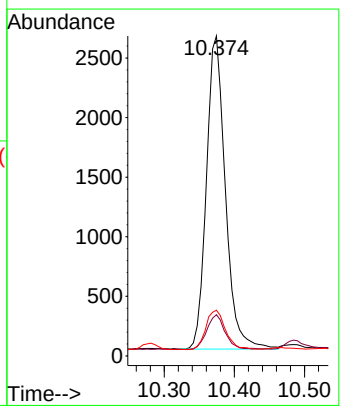


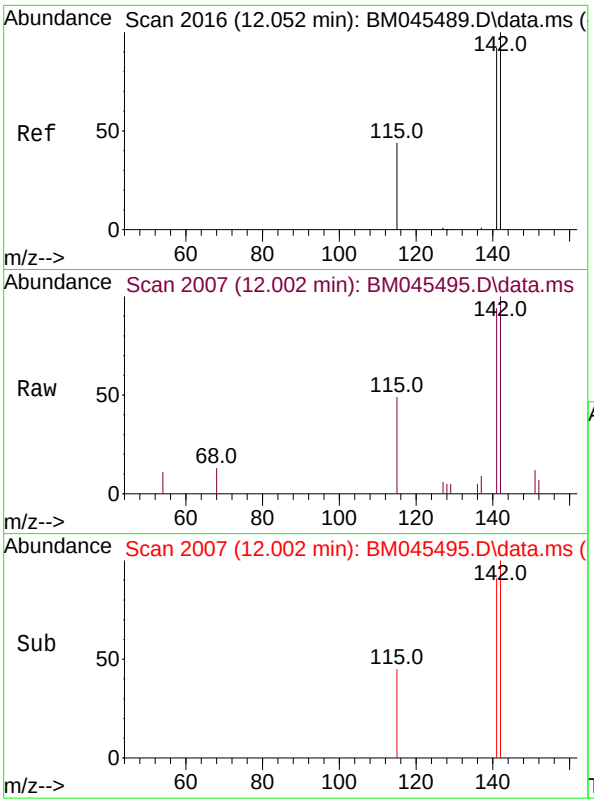


#5
Naphthalene
Concen: 0.631 ng/ul
RT: 10.374 min Scan# 1711
Delta R.T. -0.044 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:128 Resp: 4934

Ion	Ratio	Lower	Upper
128	100		
129	12.9	14.0	21.0#
127	14.3	15.4	23.2#



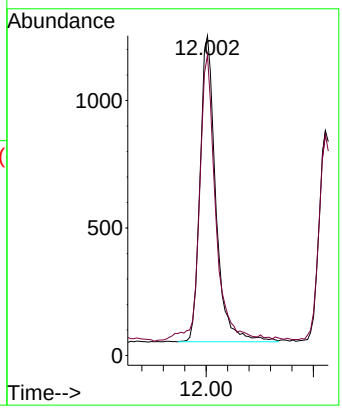


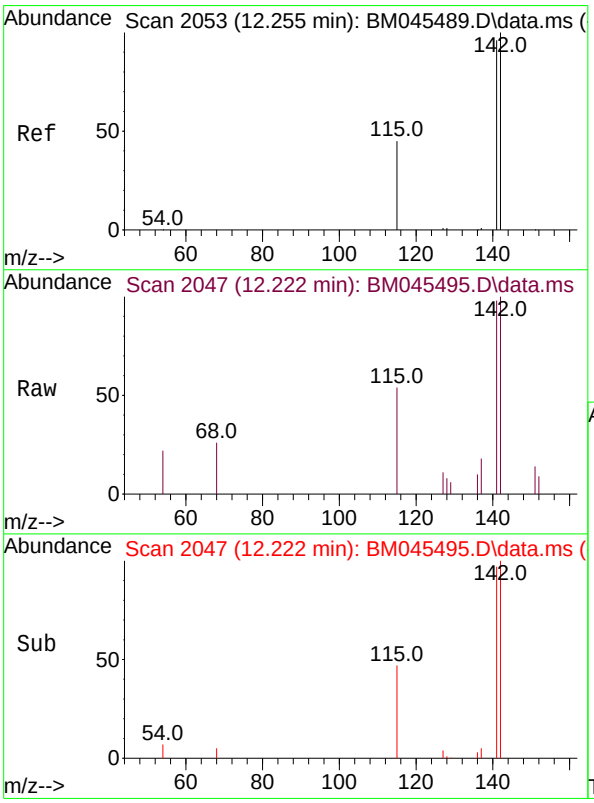
#7
2-Methylnaphthalene
Concen: 0.547 ng/ul
RT: 12.002 min Scan# 2
Delta R.T. -0.050 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:142 Resp: 2443

Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.6	111.8

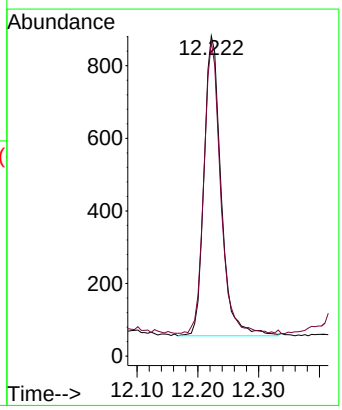


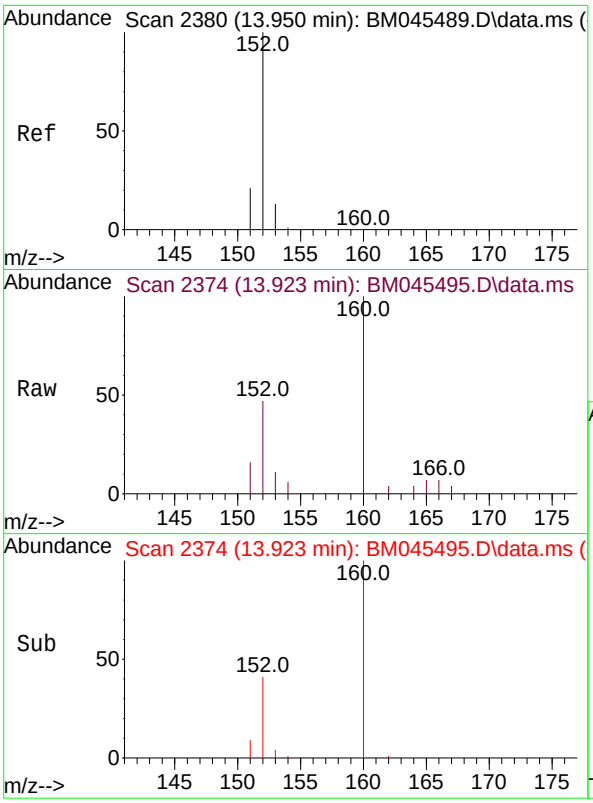


#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.033 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:142 Resp: 1605

Ion	Ratio	Lower	Upper
142	100		
141	94.6	76.1	114.1



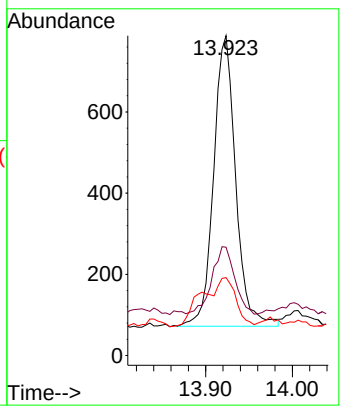


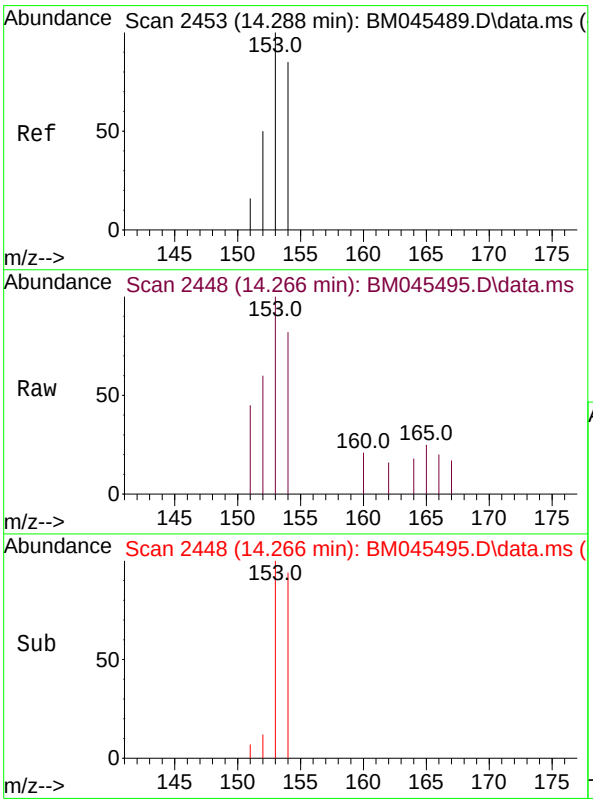
#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 13.923 min Scan# 2
Delta R.T. -0.027 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:152 Resp: 1273

Ion	Ratio	Lower	Upper
152	100		
151	33.9	18.6	28.0#
153	24.4	14.1	21.1#

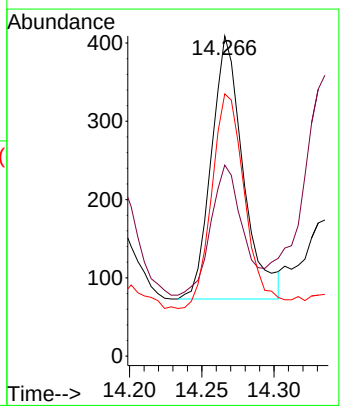


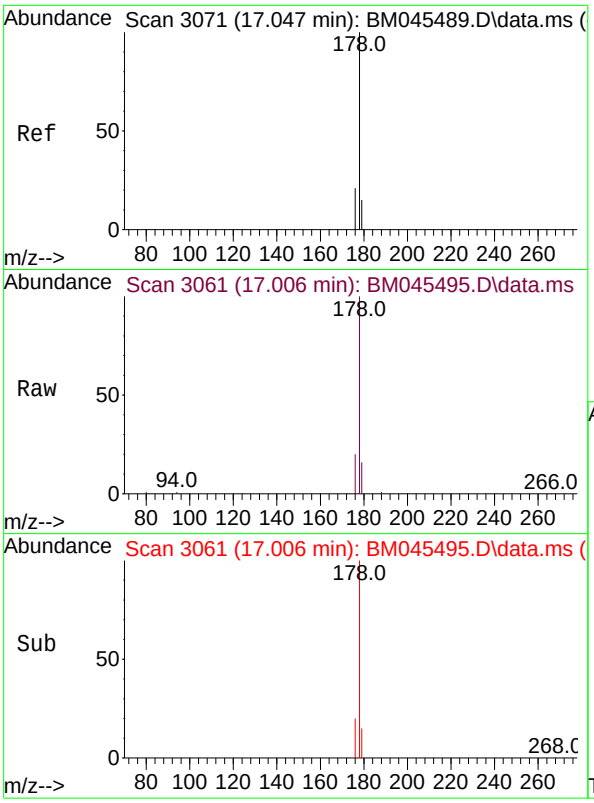


#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. -0.022 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:153 Resp: 513

Ion	Ratio	Lower	Upper
153	100		
152	59.7	43.4	65.2
154	81.9	69.0	103.6



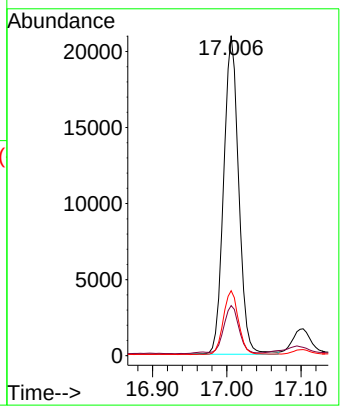


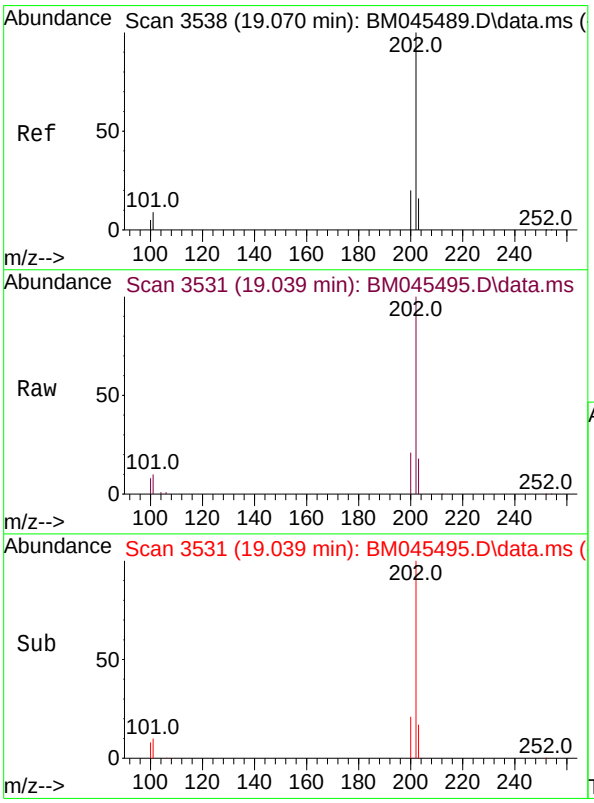
#15
Phenanthrene
Concen: 0.067 ng/ul
RT: 17.006 min Scan# 3
Delta R.T. -0.041 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:178 Resp: 29447

Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.4	23.2
176	20.3	19.0	28.4

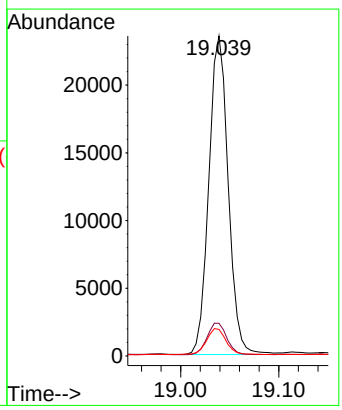


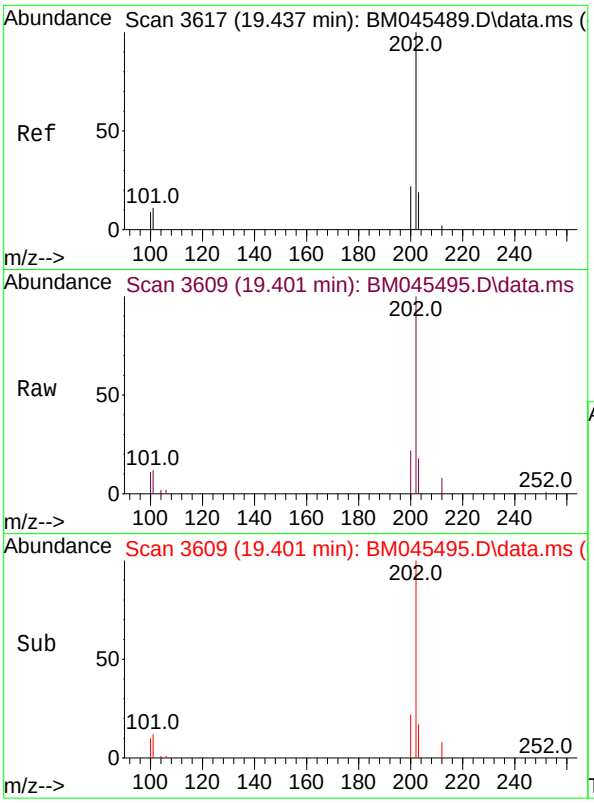


#19
Fluoranthene
Concen: 2.586 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.031 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:202 Resp: 32337

Ion	Ratio	Lower	Upper
202	100		
101	10.2	11.2	16.8#
100	8.3	9.1	13.7#



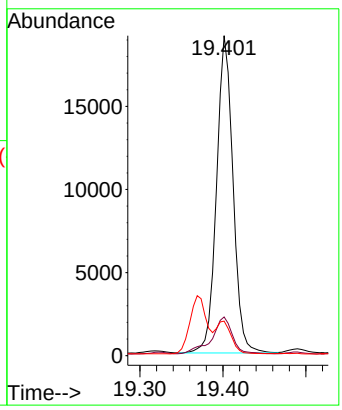


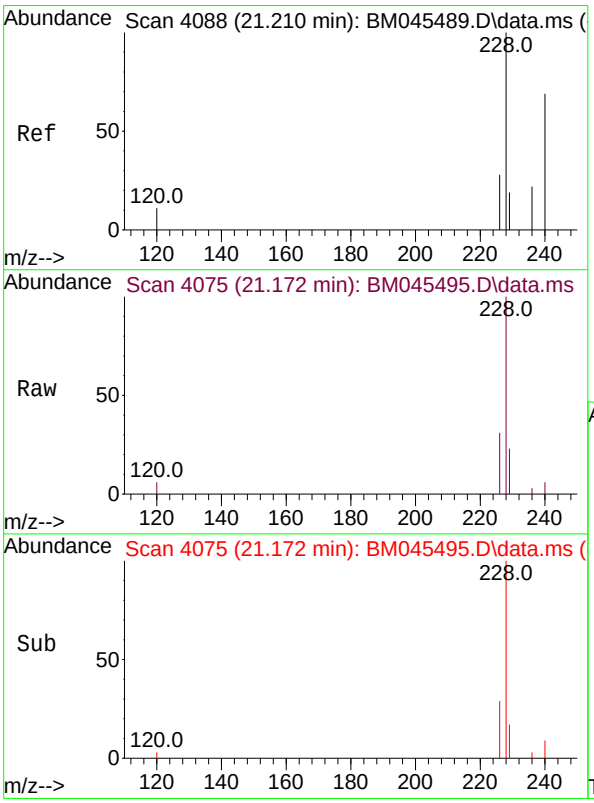
#20
Pyrene
Concen: 2.045 ng/ul
RT: 19.401 min Scan# 3
Delta R.T. -0.036 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:202 Resp: 26283

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.5	17.3
100	10.8	10.6	15.8

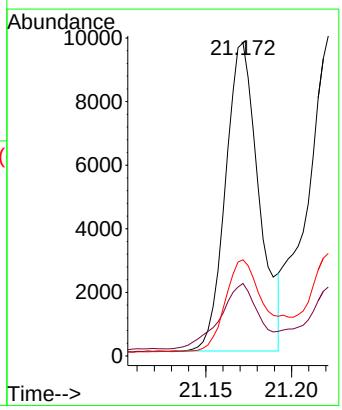


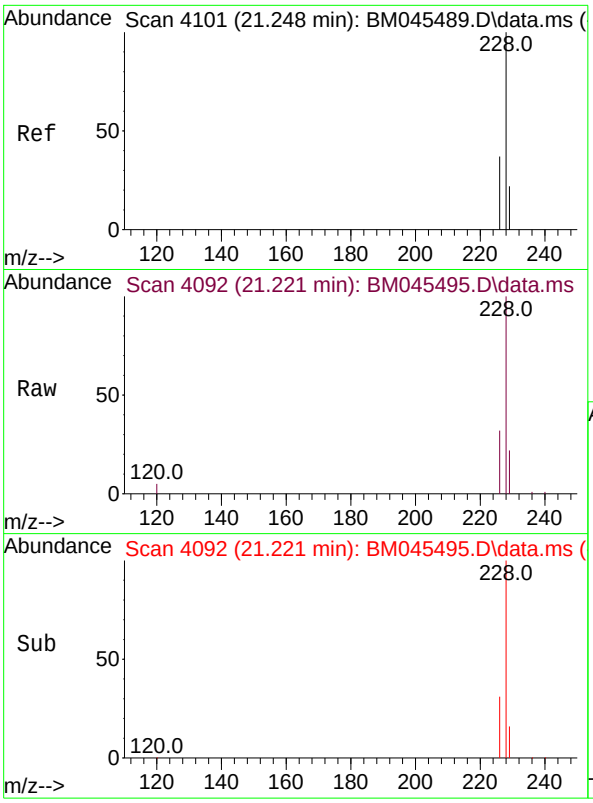


#21
Benzo(a)anthracene
Concen: 1.513 ng/ul
RT: 21.172 min Scan# 4075
Delta R.T. -0.039 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:228 Resp: 13105

Ion	Ratio	Lower	Upper
228	100		
229	23.2	19.4	29.2
226	30.7	26.3	39.5



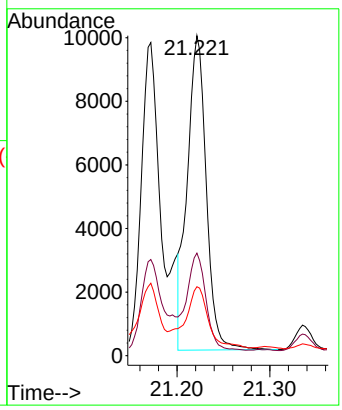


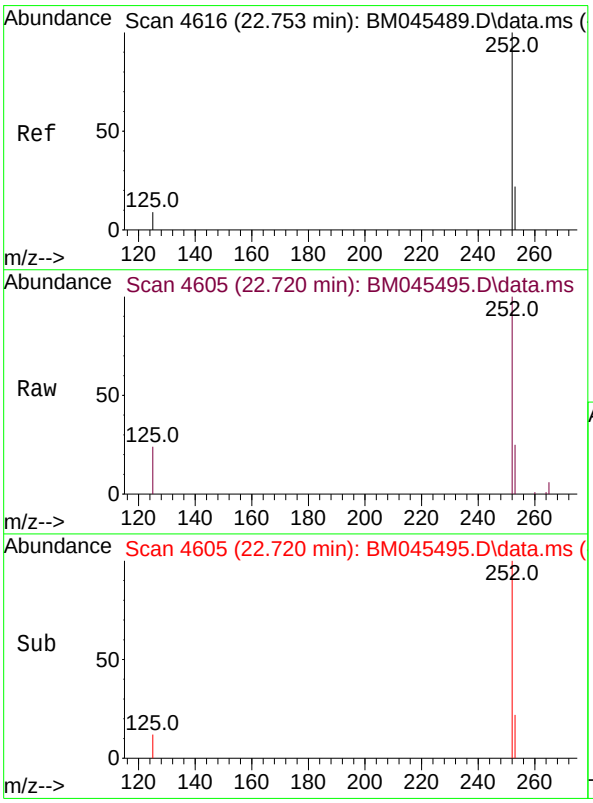
#22
Chrysene
Concen: 1.057 ng/ul
RT: 21.221 min Scan# 4
Delta R.T. -0.027 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:228 Resp: 14079

Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.3	39.5
229	21.6	17.8	26.8

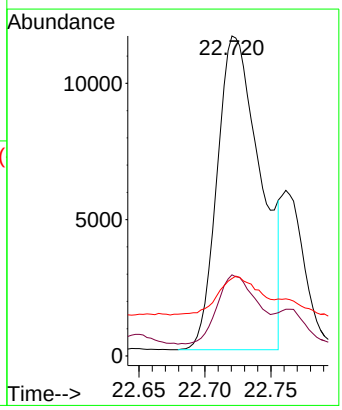


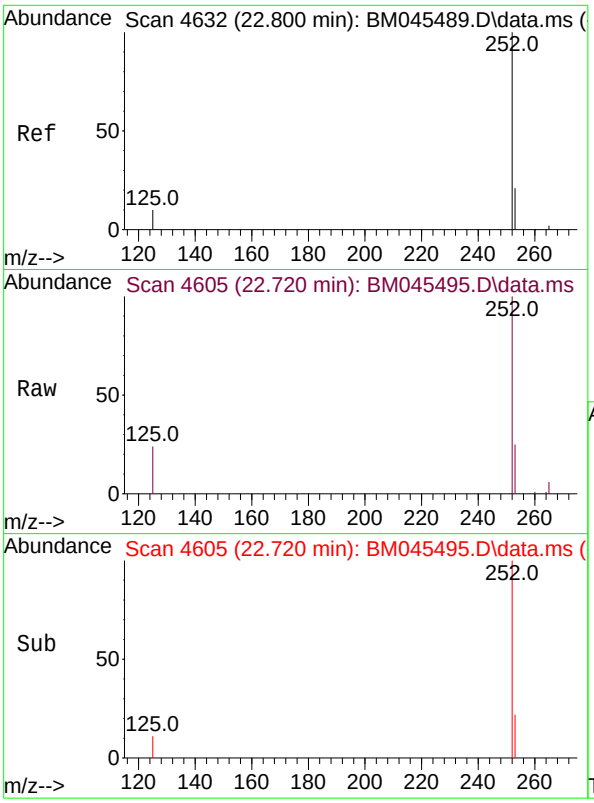


#24
Benzo(b)fluoranthene
Concen: 2.038 ng/ul
RT: 22.720 min Scan# 4605
Delta R.T. -0.033 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:252 Resp: 26183

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	63.4
125	24.2	0.0	36.8



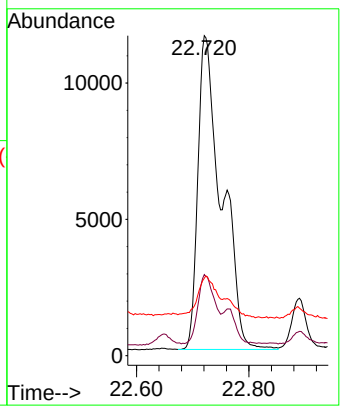


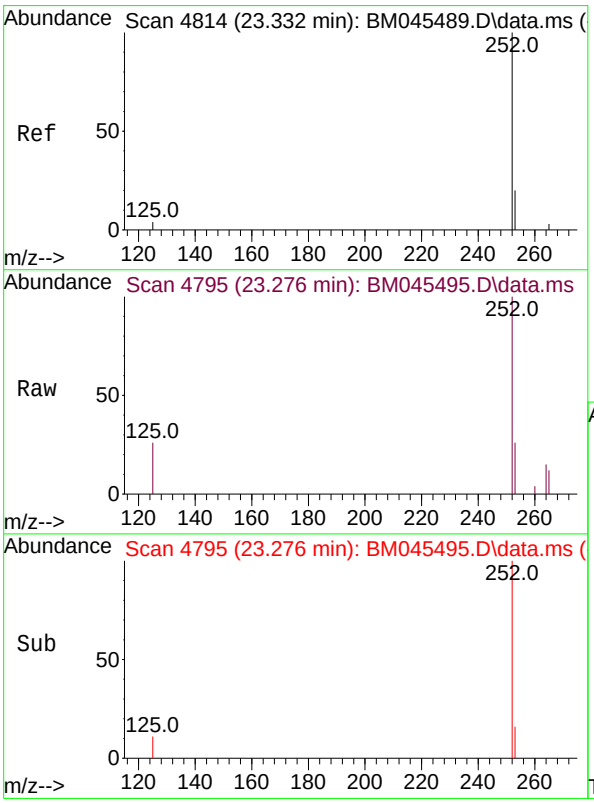
#25
Benzo(k)fluoranthene
Concen: 2.074 ng/ul
RT: 22.720 min Scan# 4
Delta R.T. -0.079 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:252 Resp: 33673

Ion	Ratio	Lower	Upper
252	100		
253	25.4	25.4	38.0
125	24.2	14.8	22.2#

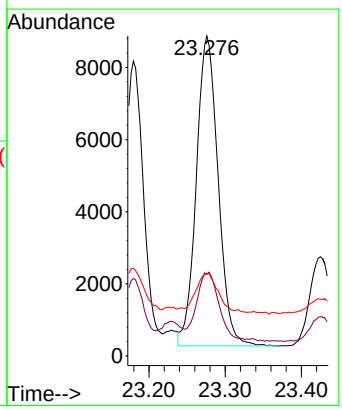


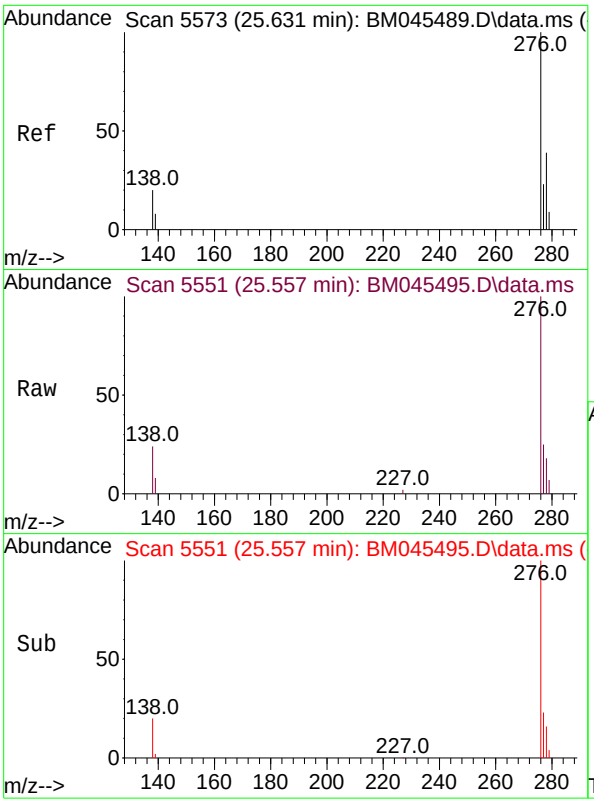


#26
Benzo(a)pyrene
Concen: 1.284 ng/ul
RT: 23.276 min Scan# 4795
Delta R.T. -0.056 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:252 Resp: 17110

Ion	Ratio	Lower	Upper
252	100		
253	25.7	31.6	47.4#
125	25.5	19.5	29.3



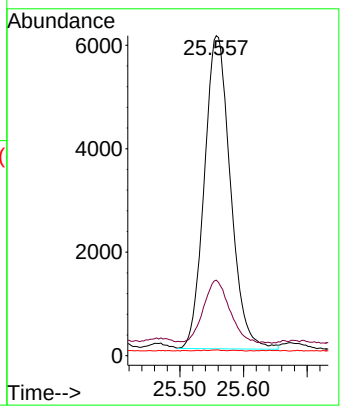


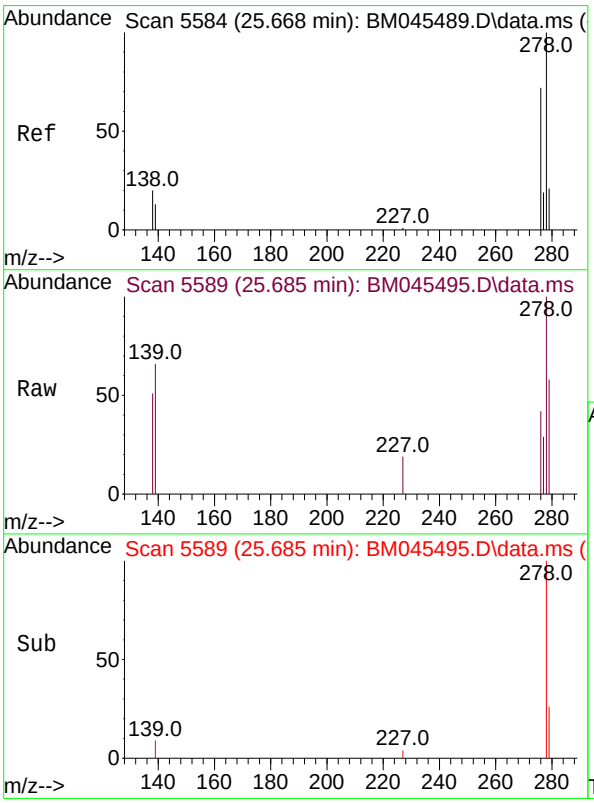
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.891 ng/ul
RT: 25.557 min Scan# 5
Delta R.T. -0.074 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:276 Resp: 17257

Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.8	29.6
227	0.1	0.2	0.2#

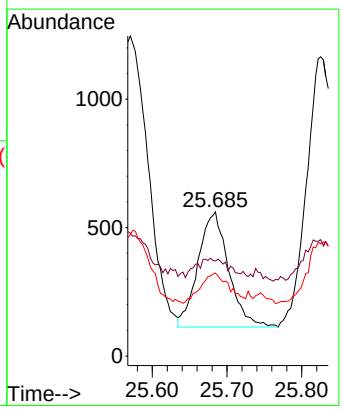


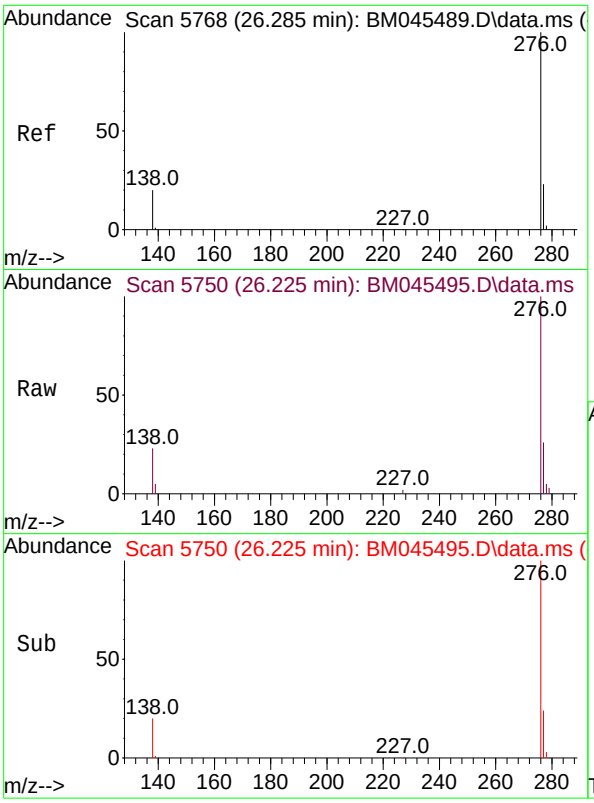


#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.685 min Scan# 5589
Delta R.T. 0.016 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:278 Resp: 1272

Ion	Ratio	Lower	Upper
278	100		
139	66.0	19.0	28.6#
279	57.6	29.4	44.2#





#29
Benzo(g,h,i)perylene
Concen: 1.074 ng/ul
RT: 26.225 min Scan# 5
Delta R.T. -0.061 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E1CY4

Tgt Ion:276 Resp: 18695

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.8	31.2
277	25.5	21.8	32.8