Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042040.D
Acq On : 25 Sep 2023 19:48
Operator : MA/JU
Sample : 04429-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Quant Time: Sep 26 02:20:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	5205	0.400	ng/ul		0.00
4) Naphthalene-d8	10.762	136	13472	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.597	164	6875	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.345	188	12085	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.521	240	5348	0.400	ng/ul		0.00
23) Perylene-d12	23.930	264	5587	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.368	96	30104	4.244	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.346	152	6572	0.390	ng/ul		0.00
18) Fluoranthene-d10	19.371	212	9917	0.450	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	34776	4.660	ng/ul	#	85
5) Naphthalene	10.812	128	6703	0.149	ng/ul	#	82
7) 2-Methylnaphthalene	12.418	142	3198	0.119	ng/ul		95
8) 1-Methylnaphthalene	12.638	142	2088	0.076	ng/ul		96
12) Fluorene	15.642	166	1000	0.025	ng/ul	#	91
14) Pentachlorophenol	16.978	266	359	0.056	ng/ul	#	89
15) Phenanthrene	17.392	178	5706	0.102	ng/ul	#	79
16) Anthracene	17.481	178	2324	0.048	ng/ul	#	50
19) Fluoranthene	19.399	202	3990	0.066	ng/ul	#	83
20) Pyrene	19.766	202	5256	0.088	ng/ul	#	87
26) Benzo(a)pyrene	23.775	252	3415	0.097	ng/ul	#	36

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

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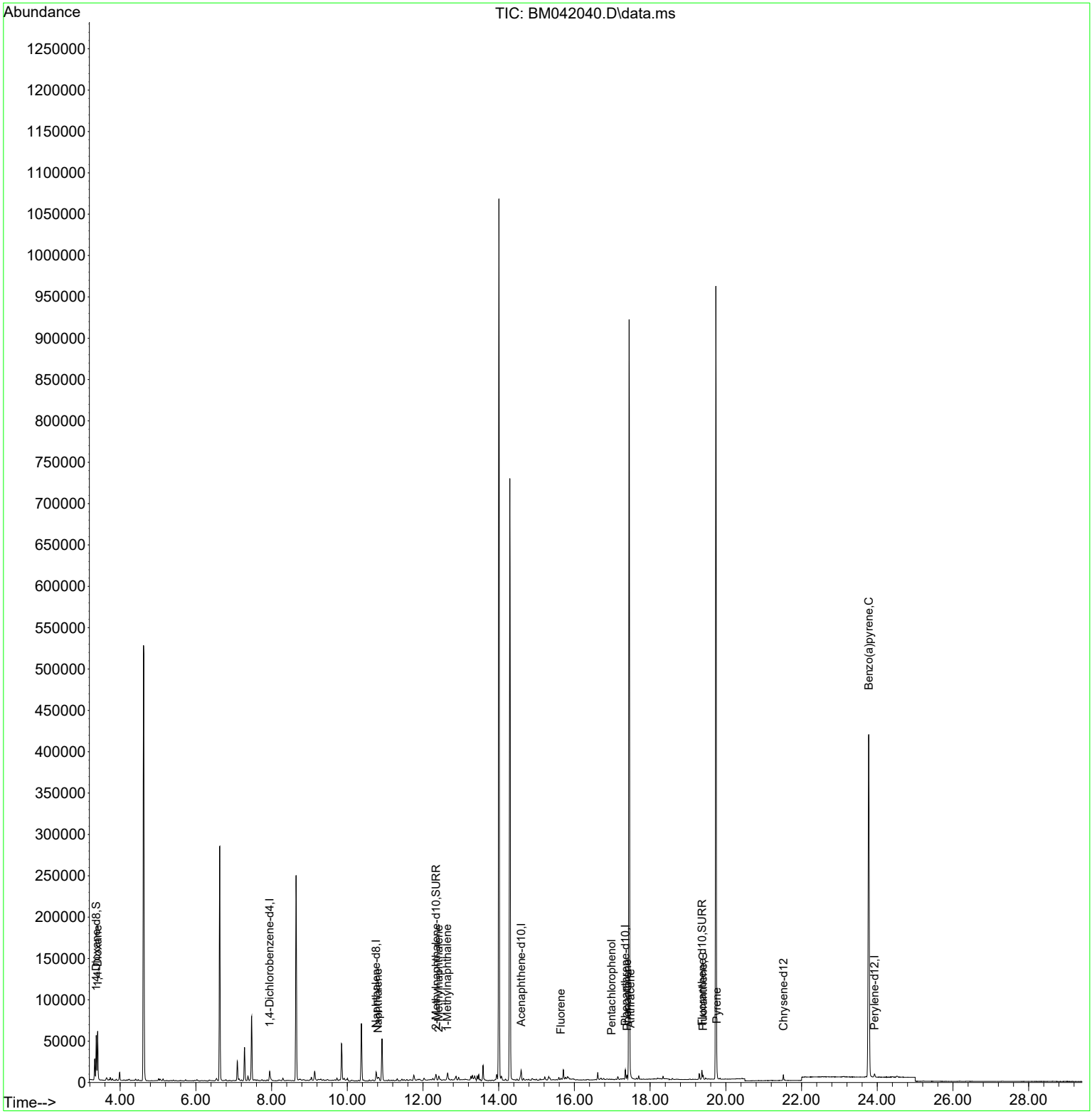
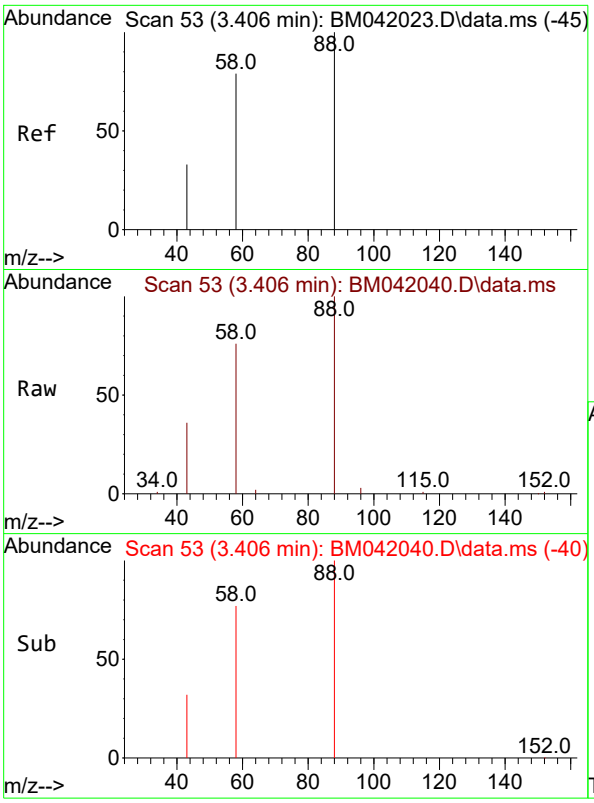


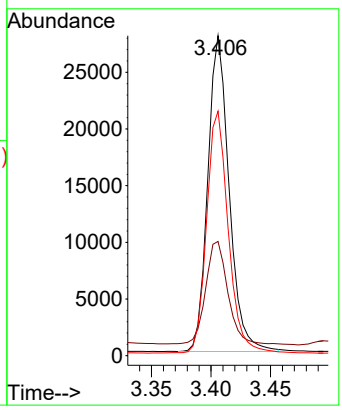


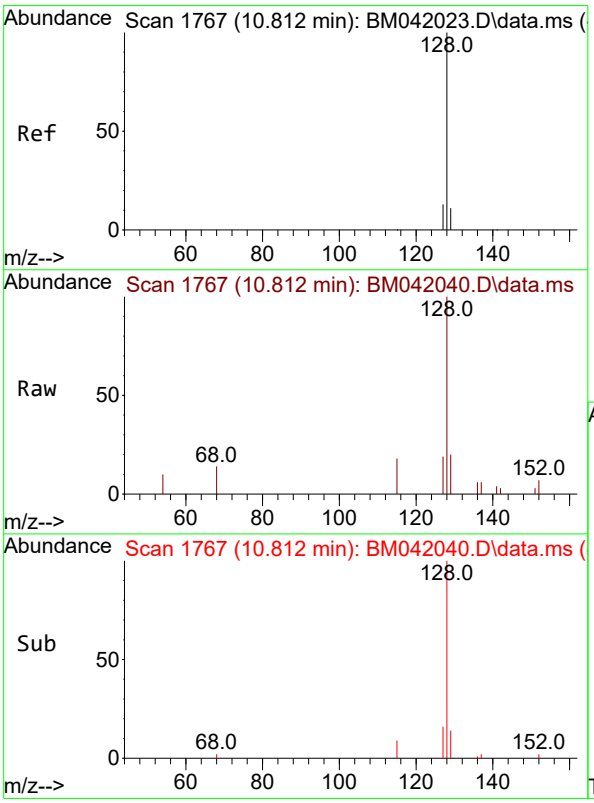
#2
1,4-Dioxane
Concen: 4.660 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion: 88 Resp: 34776

Ion	Ratio	Lower	Upper
88	100		
43	35.7	42.9	64.3#
58	76.4	56.4	84.6

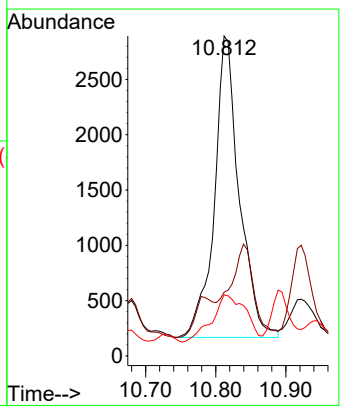


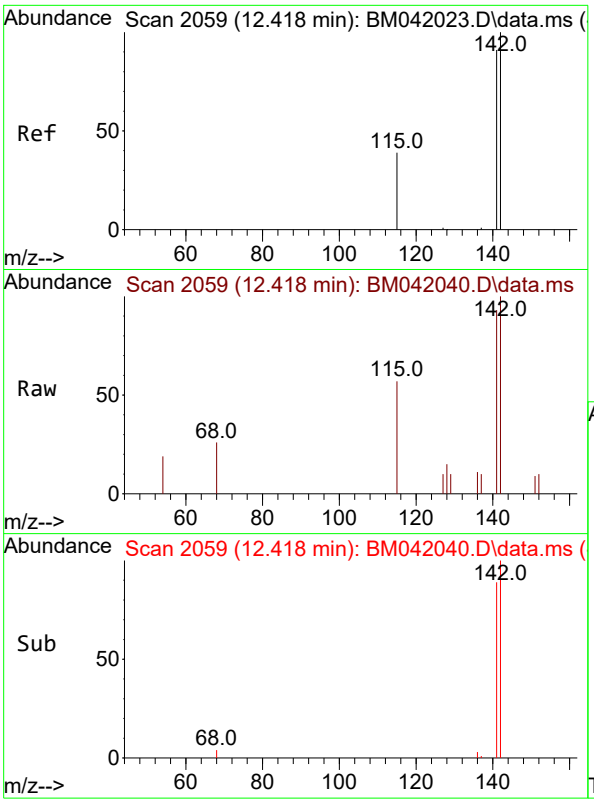


#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:128 Resp: 6703

Ion	Ratio	Lower	Upper
128	100		
129	19.9	9.2	13.8#
127	19.1	10.8	16.2#



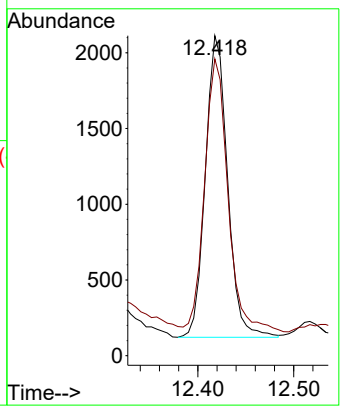


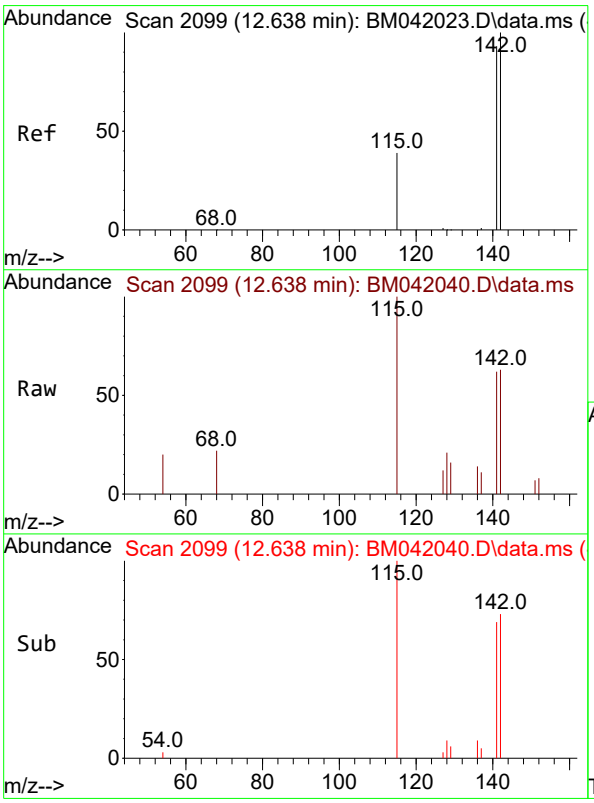
#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.418 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion:142 Resp: 3198

Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.1	108.1

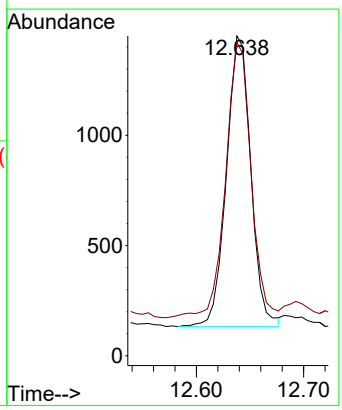


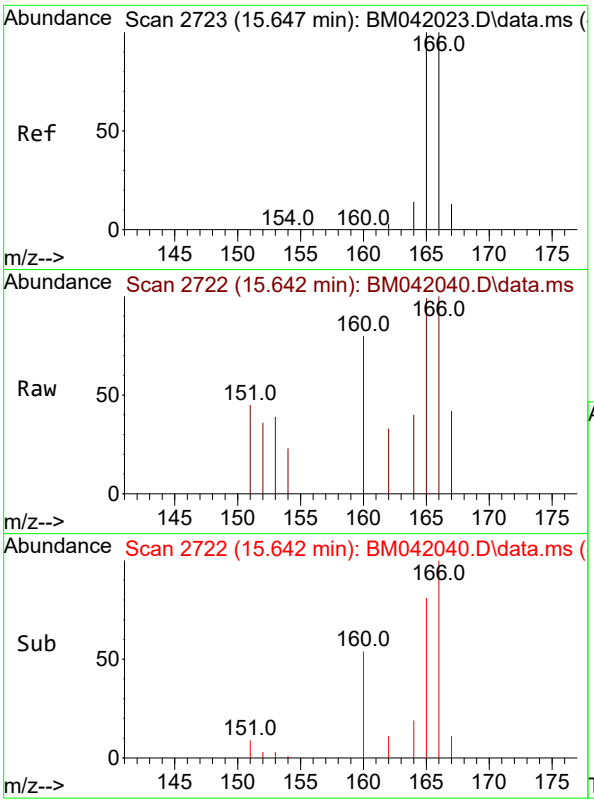


#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:142 Resp: 2088

Ion	Ratio	Lower	Upper
142	100		
141	97.8	75.1	112.7



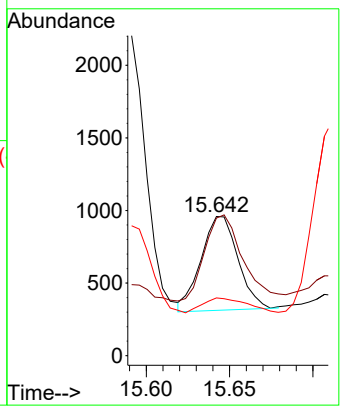


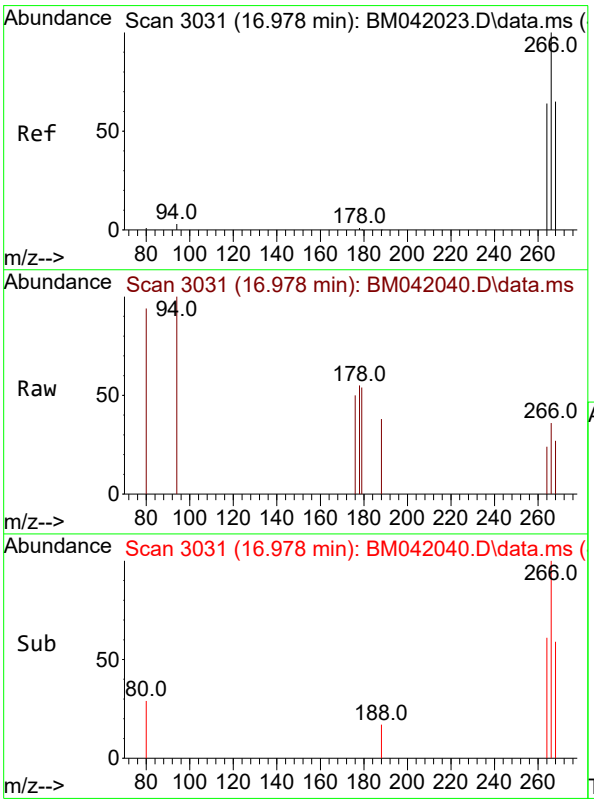
#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.642 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion:166 Resp: 1000

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	41.5	11.1	16.7#

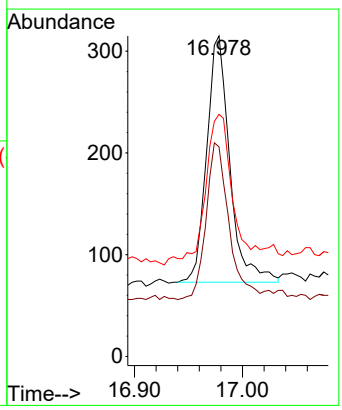


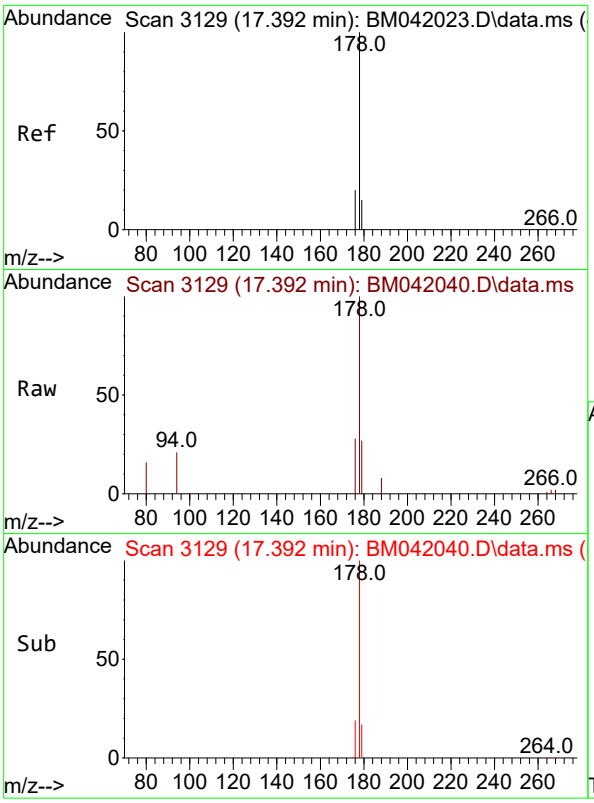


#14
Pentachlorophenol
Concen: 0.056 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:266 Resp: 359

Ion	Ratio	Lower	Upper
266	100		
264	67.1	50.2	75.4
268	77.2	51.0	76.4#



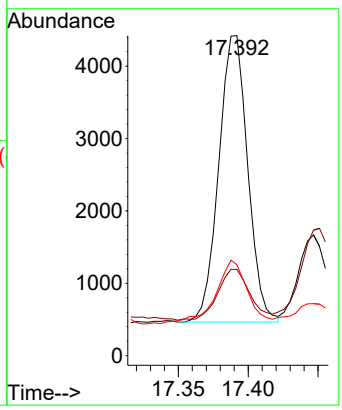


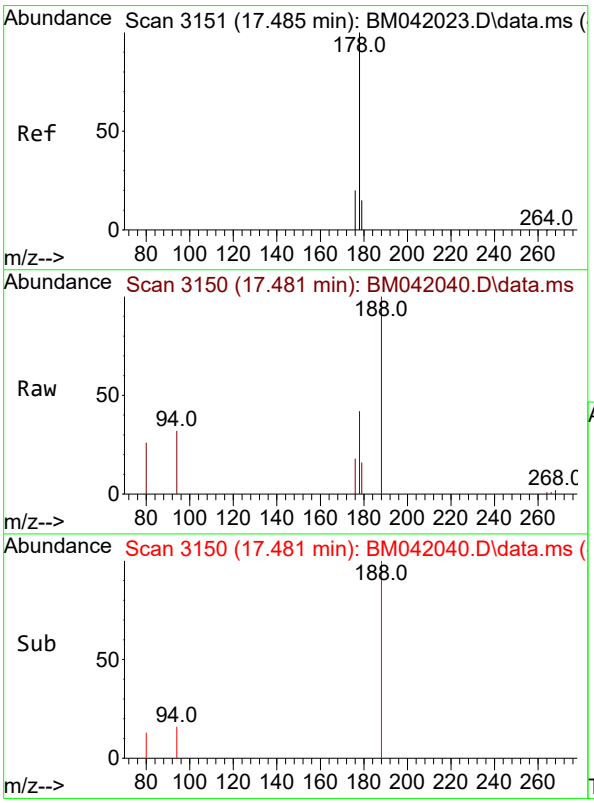
#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion:178 Resp: 5706

Ion	Ratio	Lower	Upper
178	100		
179	27.0	12.7	19.1#
176	28.4	16.6	24.8#

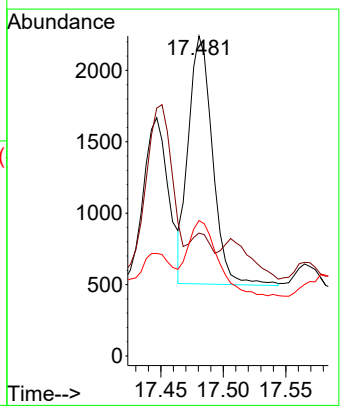


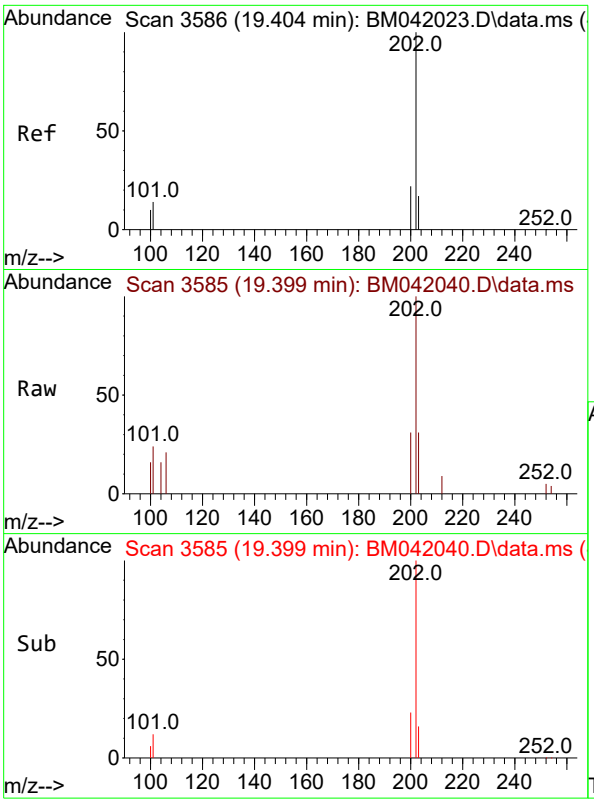


#16
Anthracene
Concen: 0.048 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:178 Resp: 2324

Ion	Ratio	Lower	Upper
178	100		
179	38.4	12.9	19.3#
176	42.3	16.2	24.2#



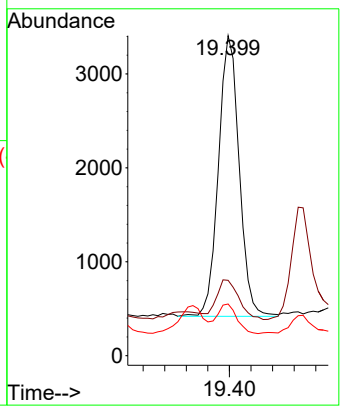


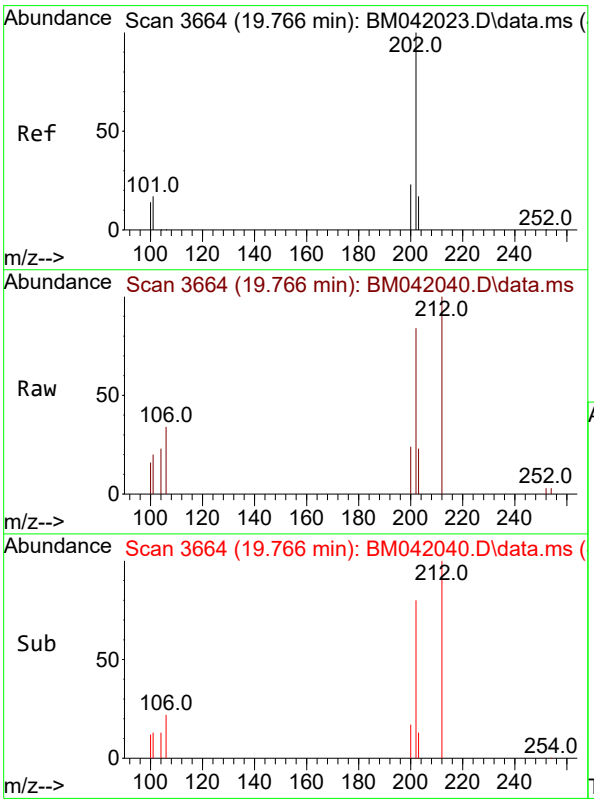
#19
Fluoranthene
Concen: 0.066 ng/ul
RT: 19.399 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion:202 Resp: 3990

Ion	Ratio	Lower	Upper
202	100		
101	23.5	11.8	17.6#
100	16.1	9.1	13.7#

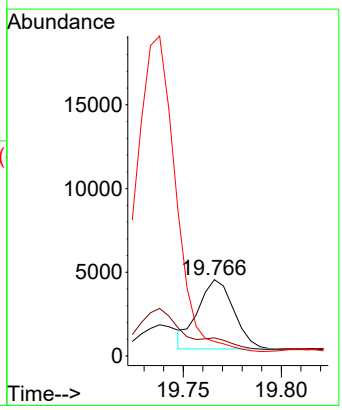


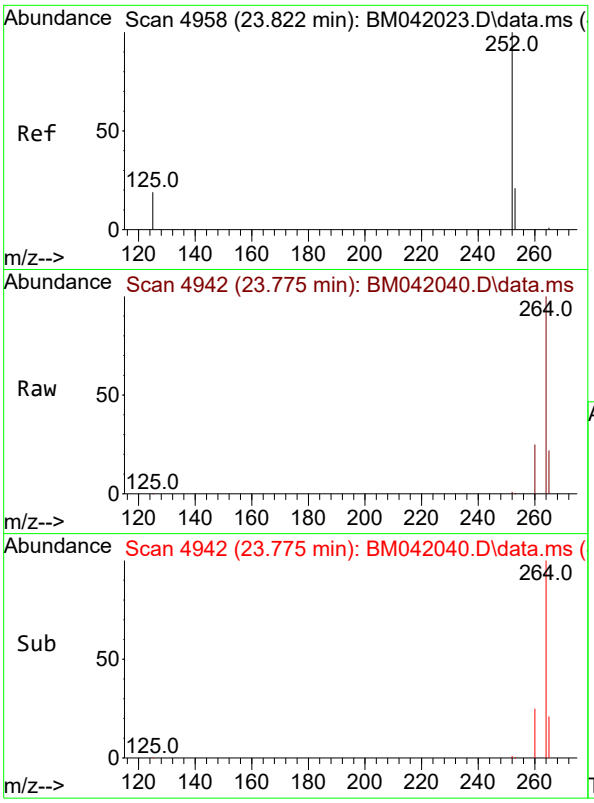


#20
Pyrene
Concen: 0.088 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:202 Resp: 5256

Ion	Ratio	Lower	Upper
202	100		
101	23.6	14.1	21.1#
100	19.0	11.4	17.0#





#26
Benzo(a)pyrene
Concen: 0.097 ng/ul
RT: 23.775 min Scan# 4
Delta R.T. -0.053 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion:252 Resp: 3415

Ion	Ratio	Lower	Upper
252	100		
253	63.9	23.2	34.8#
125	60.8	22.5	33.7#