Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046925.D
Acq On : 30 Jul 2024 18:47
Operator : MA/JU
Sample : P3336-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E44

Quant Time: Jul 31 00:00:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.447	152	4760	0.400	ng/ul		0.00
4) Naphthalene-d8	10.205	136	15038	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.095	164	7799	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.854	188	15055	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.070	240	6074	0.400	ng/ul		0.00
23) Perylene-d12	23.191	264	6768	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.084	96	7004	2.101	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.805	152	6210	0.260	ng/ul		0.00
18) Fluoranthene-d10	18.895	212	5887	0.298	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.249	128	4273	0.112	ng/ul		97
8) 1-Methylnaphthalene	12.102	142	676	0.025	ng/ul		98
11) Acenaphthene	14.160	153	1049	0.043	ng/ul		94
12) Fluorene	15.154	166	1484	0.049	ng/ul	#	97
15) Phenanthrene	16.896	178	5000	0.116	ng/ul		99
16) Anthracene	16.985	178	1320	0.033	ng/ul	#	81
19) Fluoranthene	18.928	202	2742	0.103	ng/ul	#	90
20) Pyrene	19.290	202	1456	0.053	ng/ul	#	79
22) Chrysene	21.108	228	567	0.022	ng/ul	#	74
24) Benzo(b)fluoranthene	22.569	252	661	0.022	ng/ul	#	1

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

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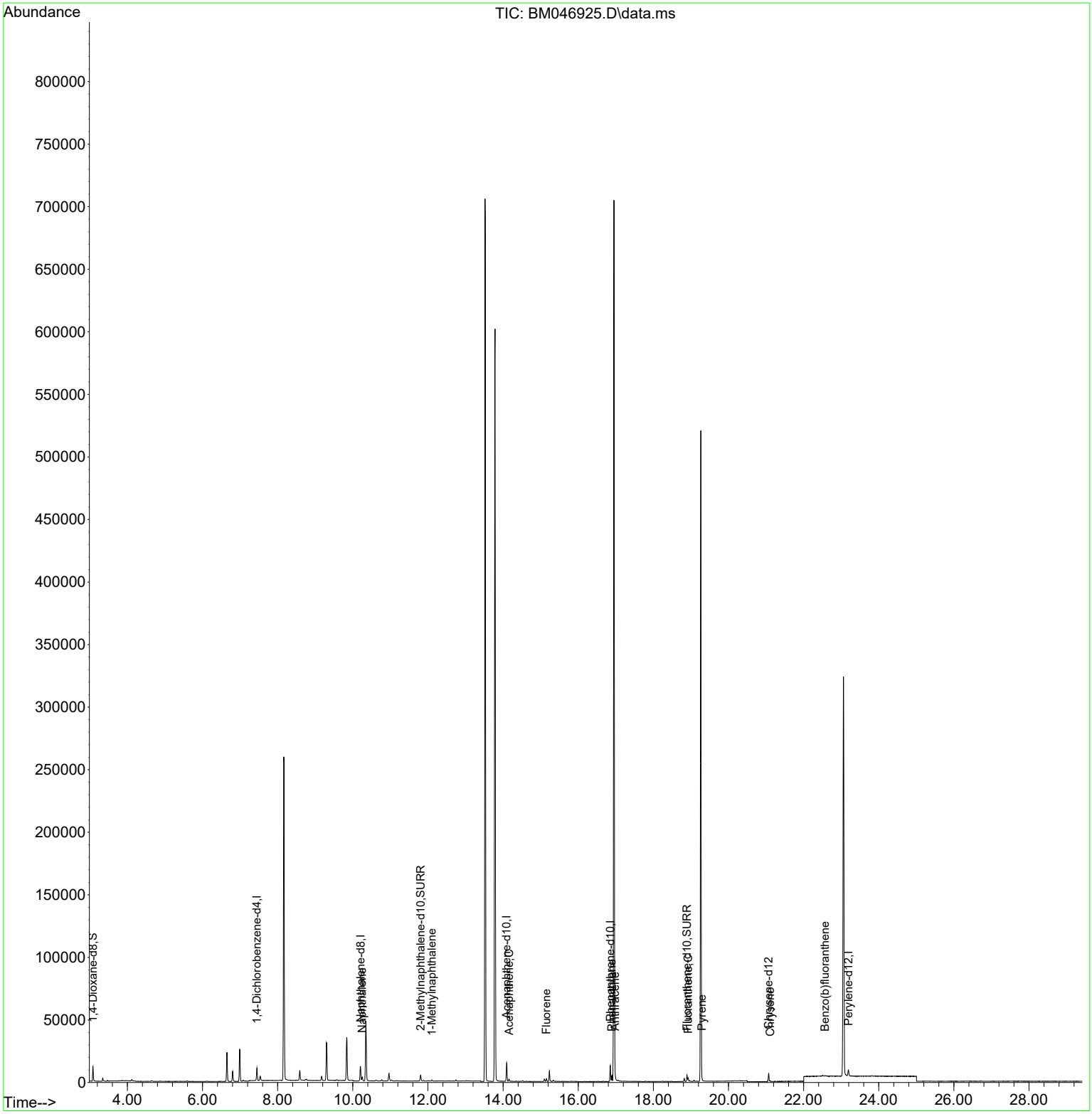
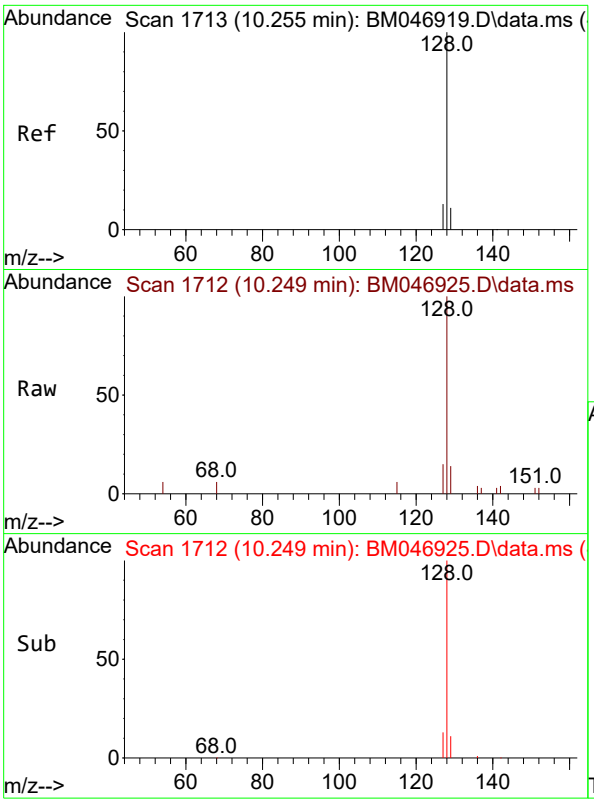


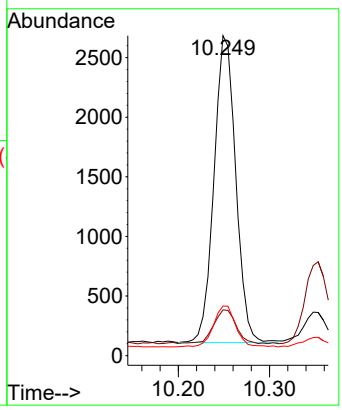


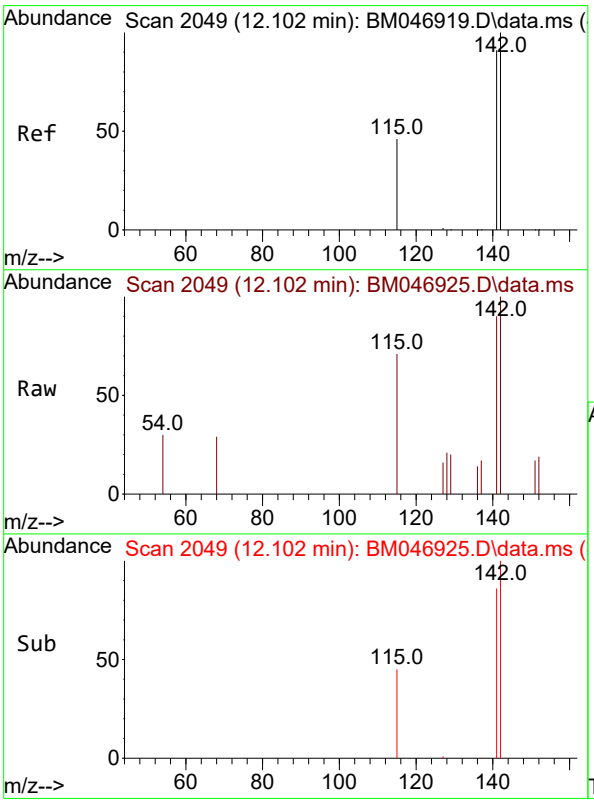
#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.249 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Instrument :
BNA_M
ClientSampleId :
F7E44

Tgt Ion:128 Resp: 4273

Ion	Ratio	Lower	Upper
128	100		
129	14.3	10.1	15.1
127	15.5	11.5	17.3

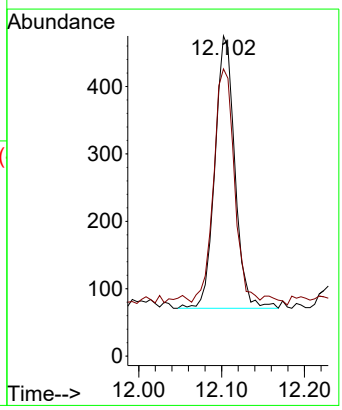


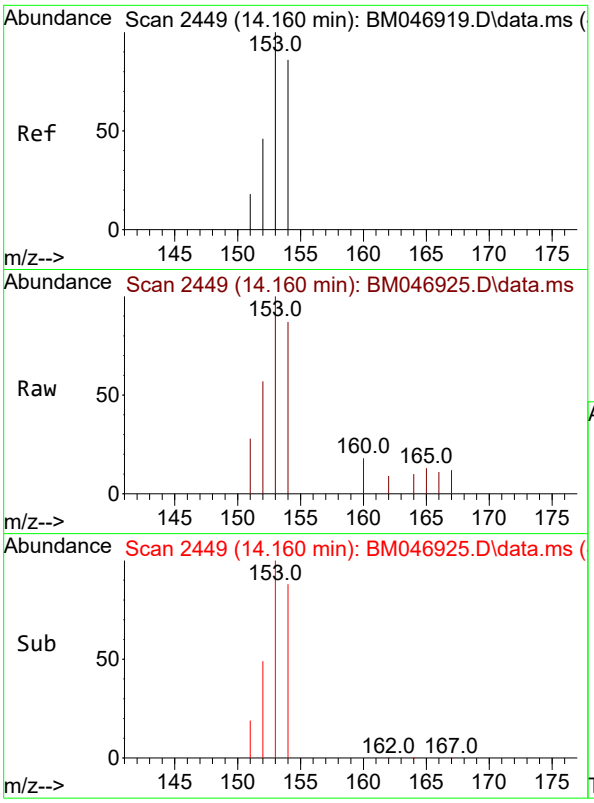


#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.102 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Tgt Ion:142 Resp: 676

Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.1	109.7



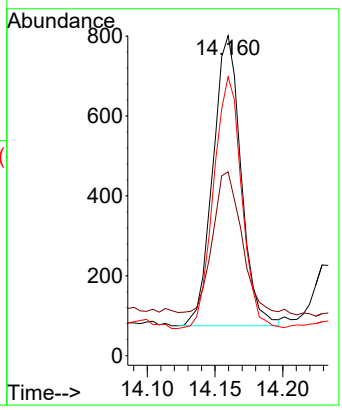


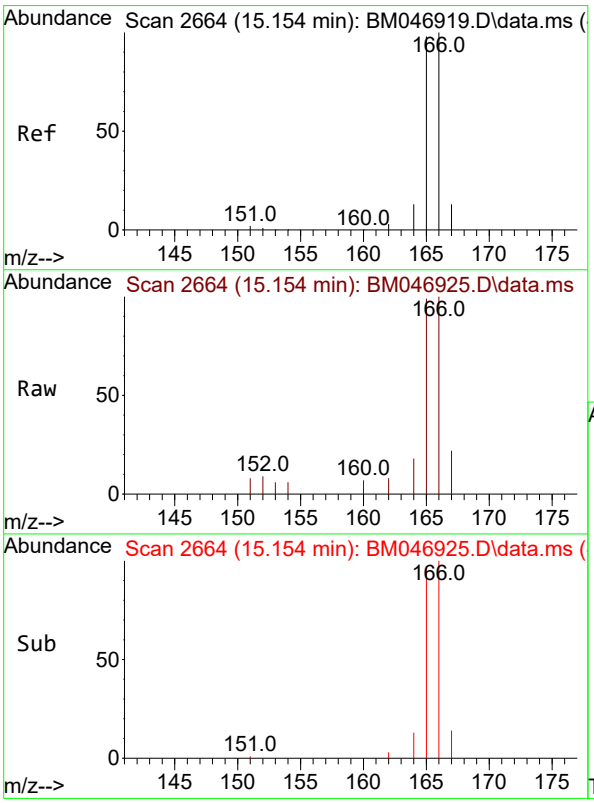
#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.160 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Instrument :
BNA_M
ClientSampleId :
F7E44

Tgt Ion:153 Resp: 1049

Ion	Ratio	Lower	Upper
153	100		
152	57.4	38.6	57.8
154	87.1	70.8	106.2

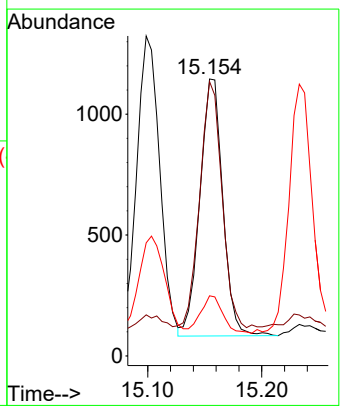


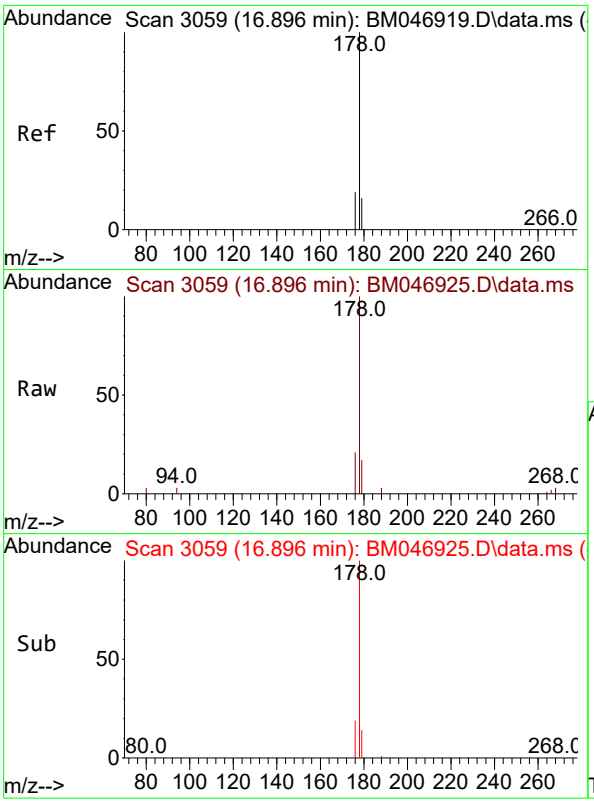


#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.154 min Scan# 2664
Delta R.T. -0.009 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Tgt Ion:166 Resp: 1484

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.6
167	21.7	12.3	18.5#



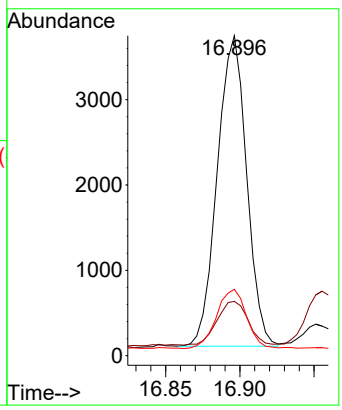


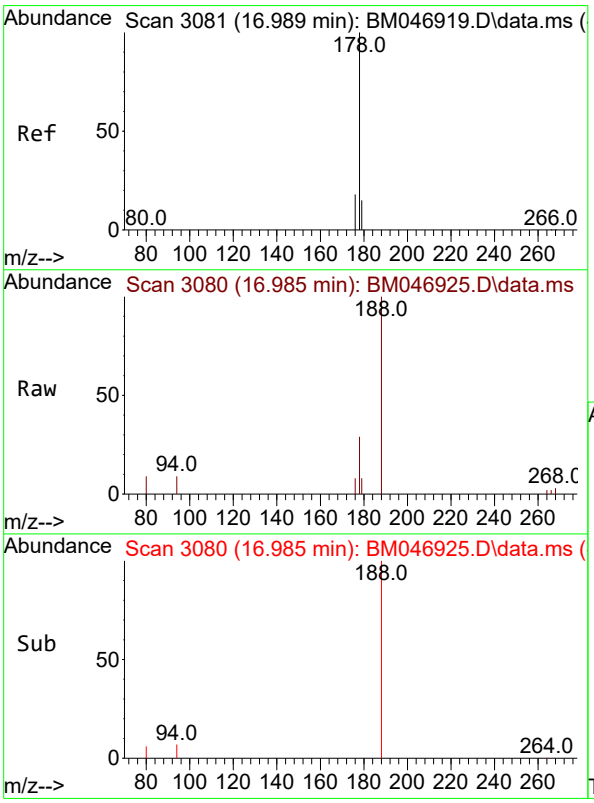
#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 16.896 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Instrument :
BNA_M
ClientSampleId :
F7E44

Tgt Ion:178 Resp: 5000

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	20.8	16.1	24.1

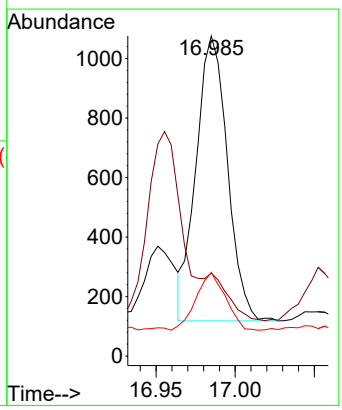


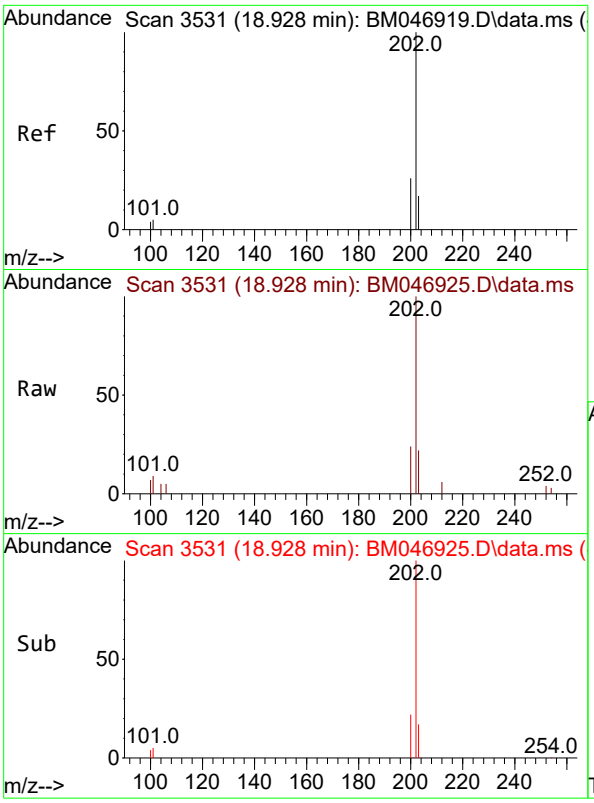


#16
Anthracene
Concen: 0.033 ng/ul
RT: 16.985 min Scan# 3080
Delta R.T. -0.009 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Tgt Ion:178 Resp: 1320

Ion	Ratio	Lower	Upper
178	100		
179	25.9	13.1	19.7#
176	26.1	15.0	22.6#



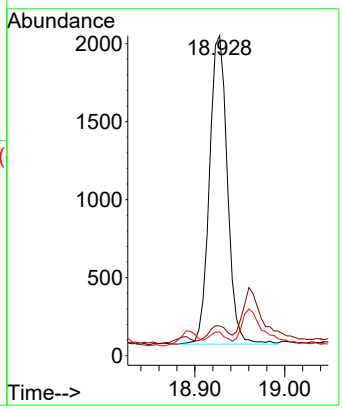


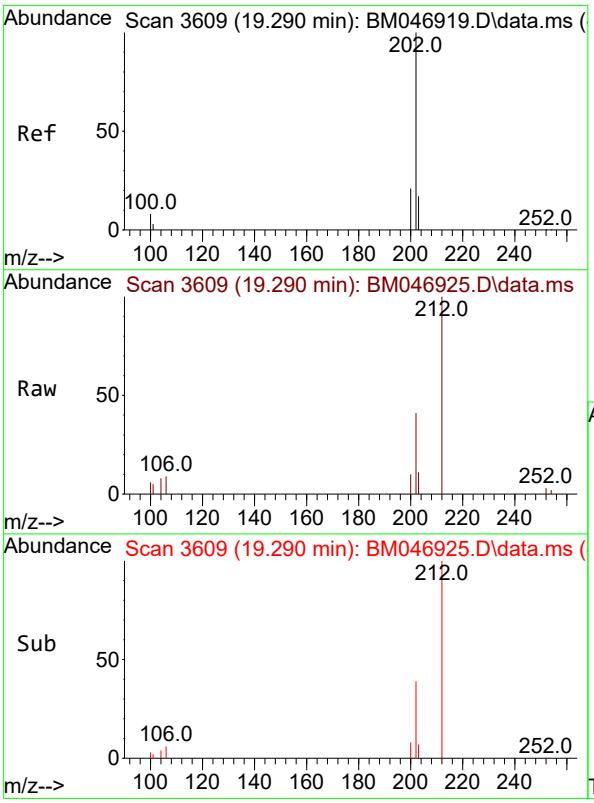
#19
Fluoranthene
Concen: 0.103 ng/ul
RT: 18.928 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Instrument :
BNA_M
ClientSampleId :
F7E44

Tgt Ion:202 Resp: 2742

Ion	Ratio	Lower	Upper
202	100		
101	9.3	4.7	7.1#
100	7.4	3.4	5.2#

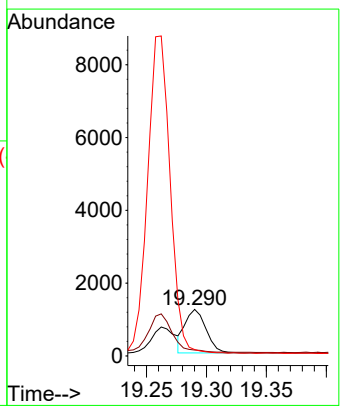


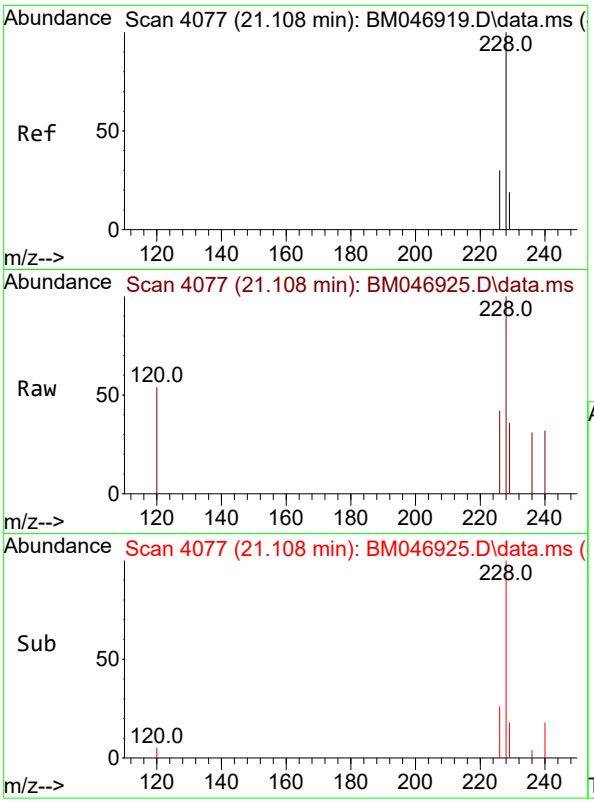


#20
Pyrene
Concen: 0.053 ng/ul
RT: 19.290 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Tgt Ion:202 Resp: 1456

Ion	Ratio	Lower	Upper
202	100		
101	12.8	5.2	7.8#
100	13.6	4.3	6.5#



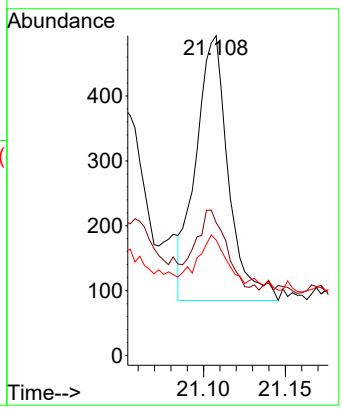


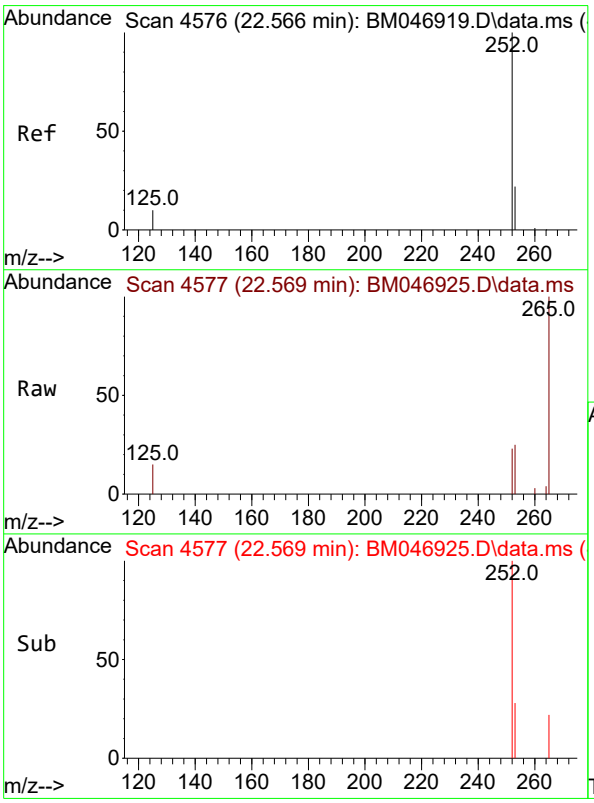
#22
Chrysene
Concen: 0.022 ng/ul
RT: 21.108 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Instrument :
BNA_M
ClientSampleId :
F7E44

Tgt Ion:228 Resp: 567

Ion	Ratio	Lower	Upper
228	100		
226	41.6	24.5	36.7#
229	36.1	16.2	24.2#





#24
Benzo(b)fluoranthene
Concen: 0.022 ng/ul
RT: 22.569 min Scan# 4577
Delta R.T. -0.000 min
Lab File: BM046925.D
Acq: 30 Jul 2024 18:47

Tgt Ion:252 Resp: 661

Ion	Ratio	Lower	Upper
252	100		
253	108.5	0.0	56.4#
125	65.5	0.0	15.8#