Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039735.D
Acq On : 28 Apr 2023 14:25
Operator : CG/JU
Sample : 02418-24DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW8Z8DL

Quant Time: Apr 29 02:04:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3416	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	12840	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17777	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	15369	0.400	ng/ul	-0.01
23) Perylene-d12	23.739	264	13406	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2390	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	647	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1755	0.042	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	6611	0.205	ng/ul	97
7) 2-Methylnaphthalene	12.283	142	2582	0.139	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	2644	0.132	ng/ul	100
10) Acenaphthylene	14.173	152	7110	0.231	ng/ul	96
11) Acenaphthene	14.511	153	13159	0.544	ng/ul	98
12) Fluorene	15.505	166	12883	0.480	ng/ul	98
15) Phenanthrene	17.238	178	292535	6.246	ng/ul	98
16) Anthracene	17.335	178	52412	1.303	ng/ul	99
19) Fluoranthene	19.262	202	535119	9.760	ng/ul	98
20) Pyrene	19.624	202	474226	8.009	ng/ul	100
21) Benzo(a)anthracene	21.378	228	225405	5.101	ng/ul	99
22) Chrysene	21.430	228	217425	4.348	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	268072	5.694	ng/ul	92
26) Benzo(a)pyrene	23.634	252	172576	4.083	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.162	276	110136	2.061	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.169	278	25180	0.607	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	92926	1.995	ng/ul	97

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

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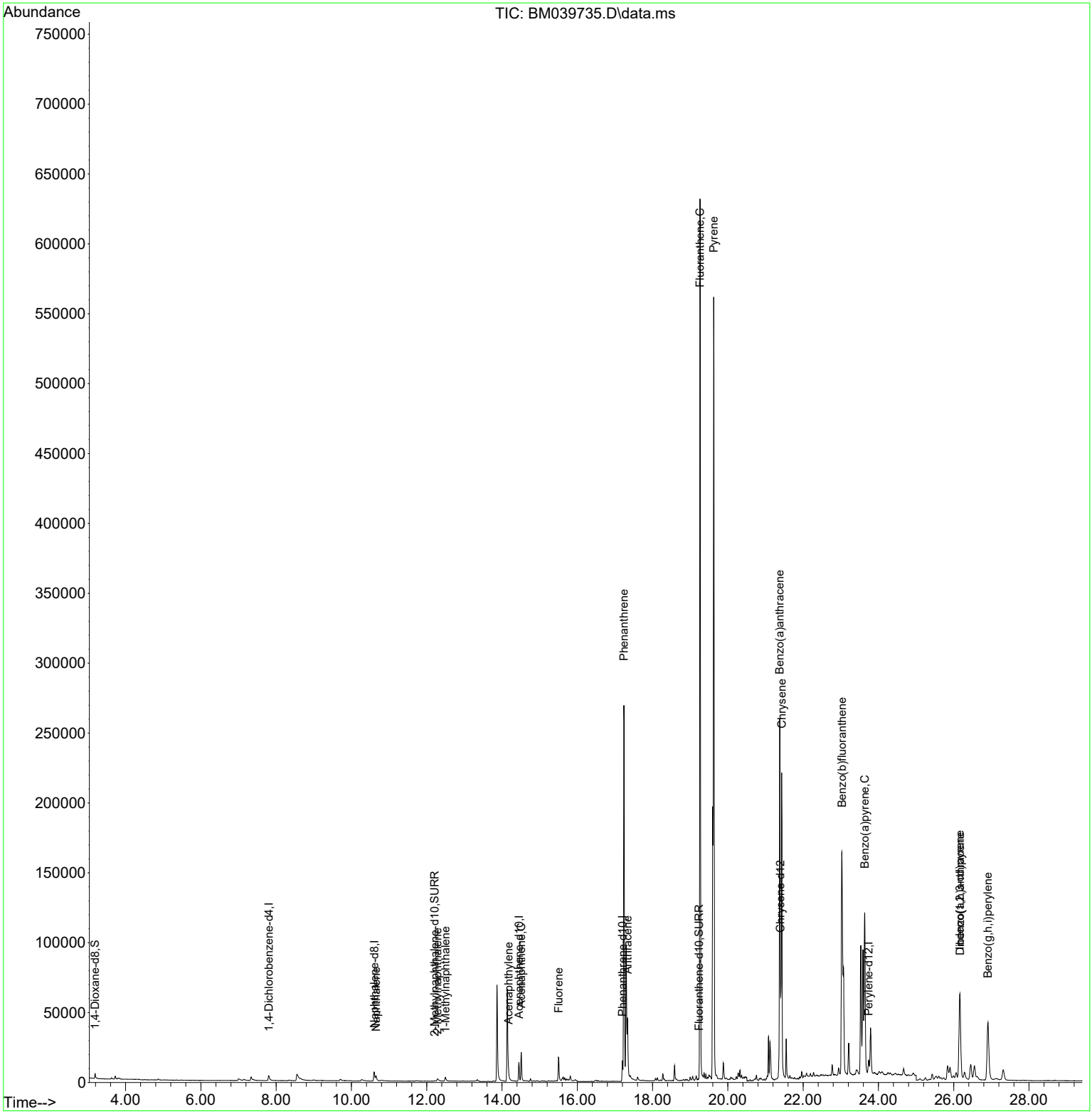
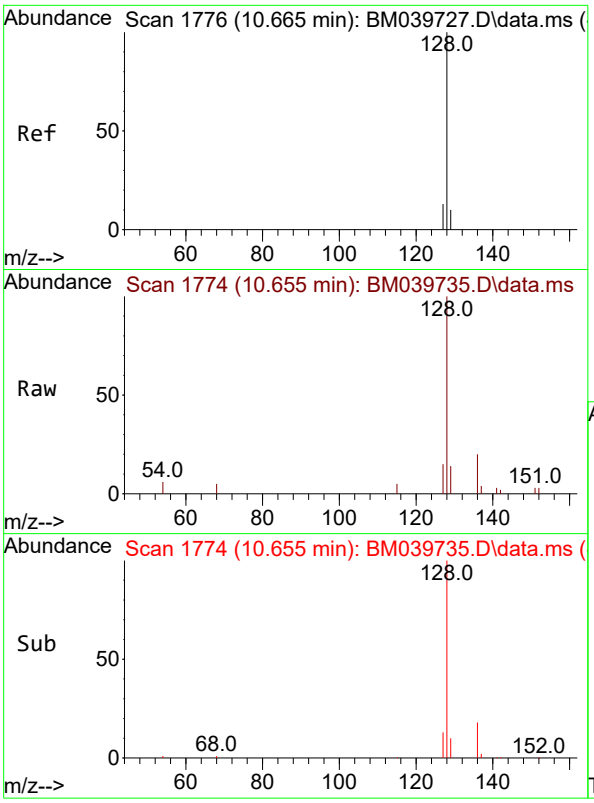


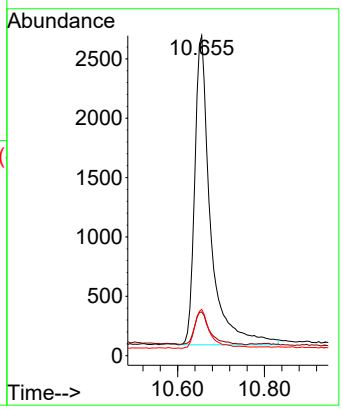


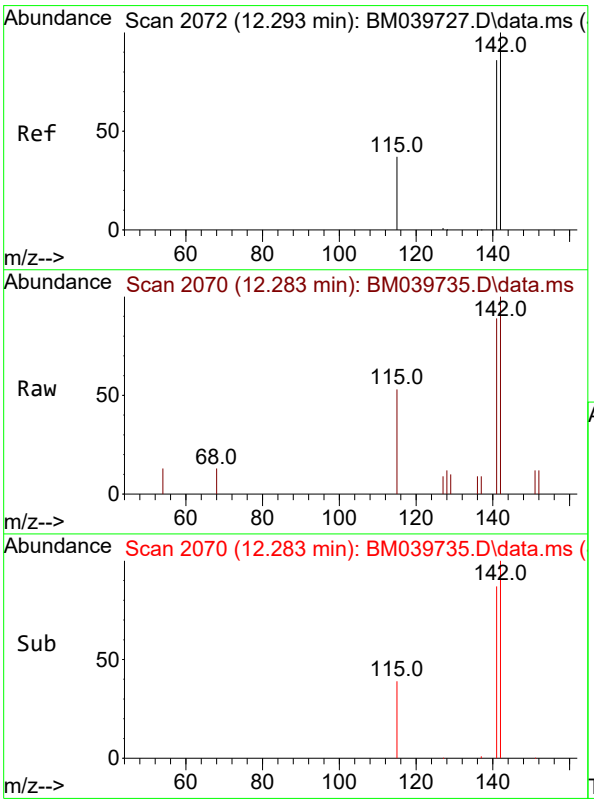
#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.655 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:128 Resp: 6611

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.8	14.6
127	14.5	11.1	16.7

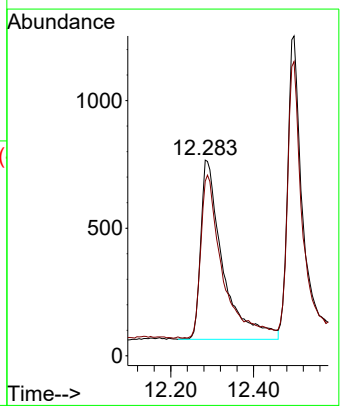


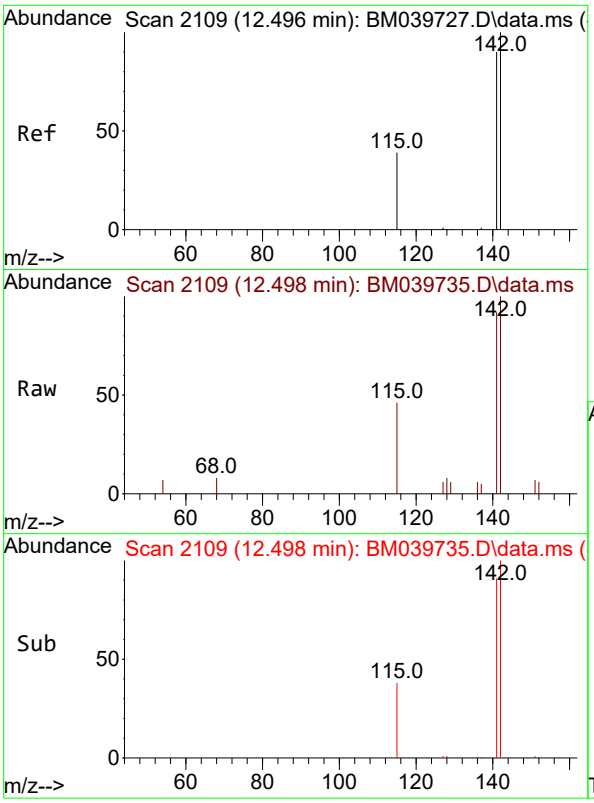


#7
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:142 Resp: 2582

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.2	109.8



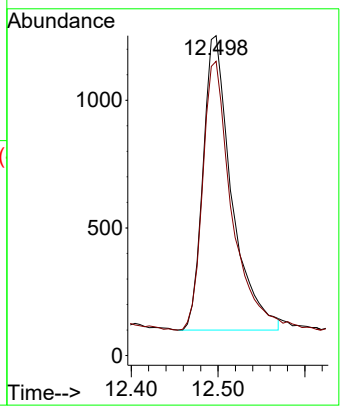


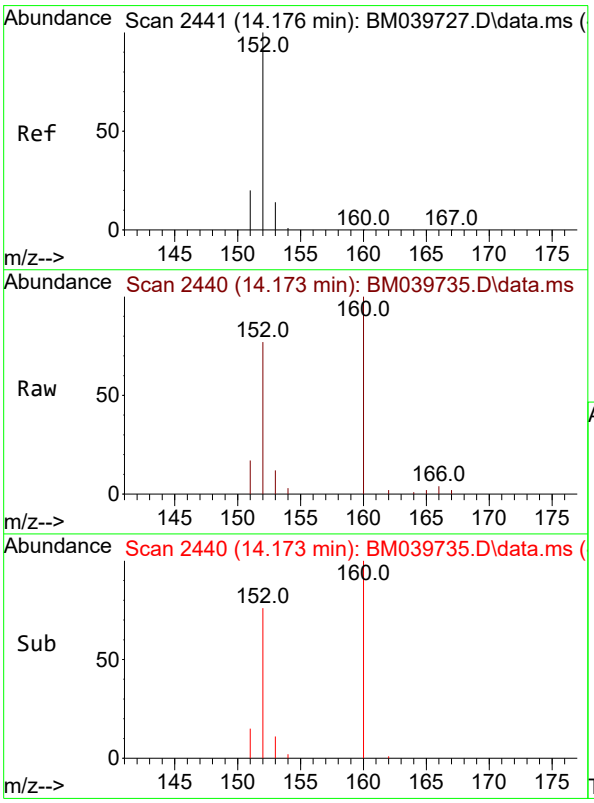
#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:142 Resp: 2644

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2

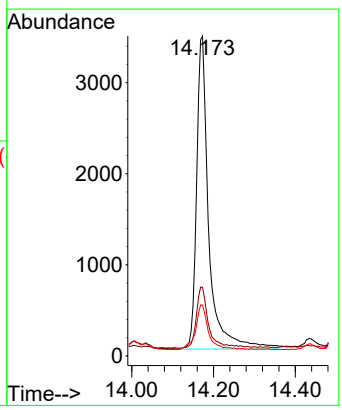


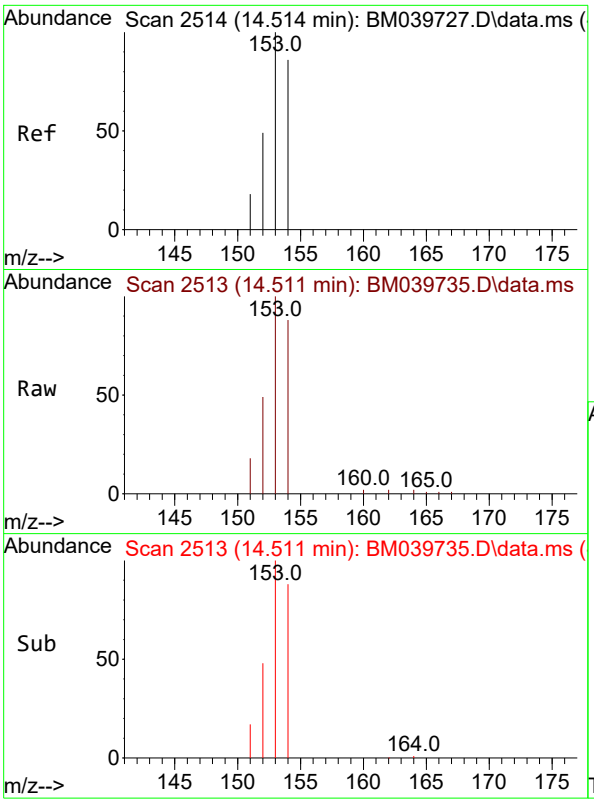


#10
Acenaphthylene
Concen: 0.231 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:152 Resp: 7110

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.0	24.0
153	15.9	11.2	16.8



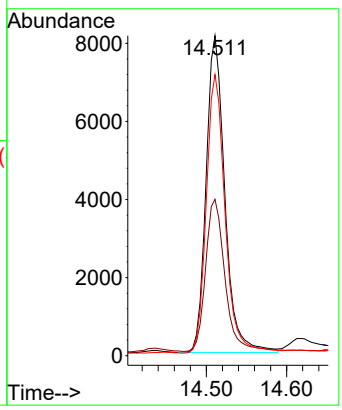


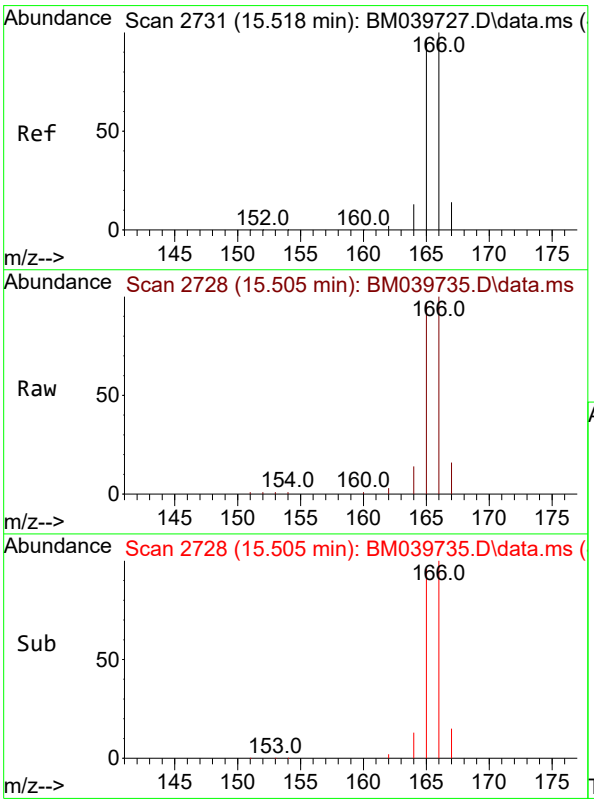
#11
Acenaphthene
Concen: 0.544 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:153 Resp: 13159

Ion	Ratio	Lower	Upper
153	100		
152	48.8	40.6	61.0
154	87.8	71.9	107.9

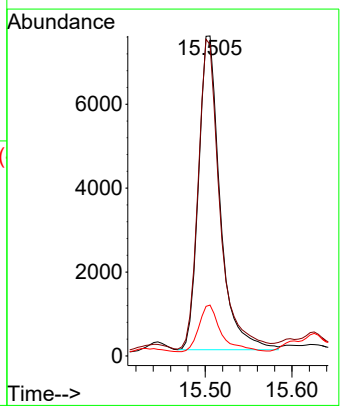


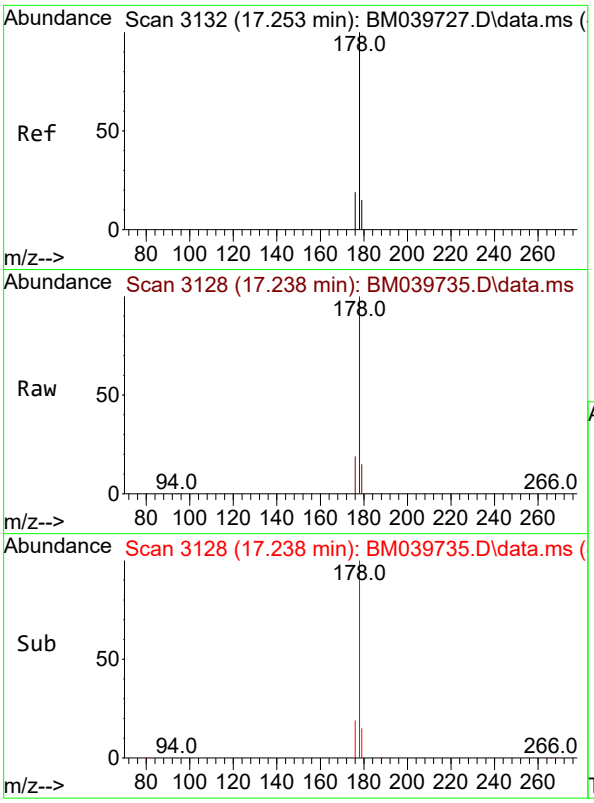


#12
Fluorene
Concen: 0.480 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:166 Resp: 12883

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.6
167	15.9	11.8	17.6



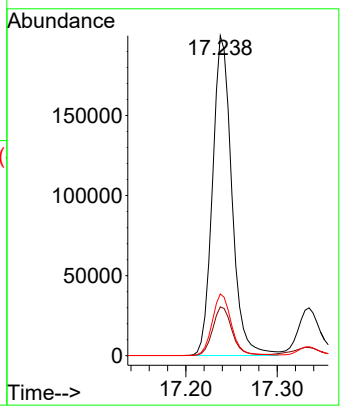


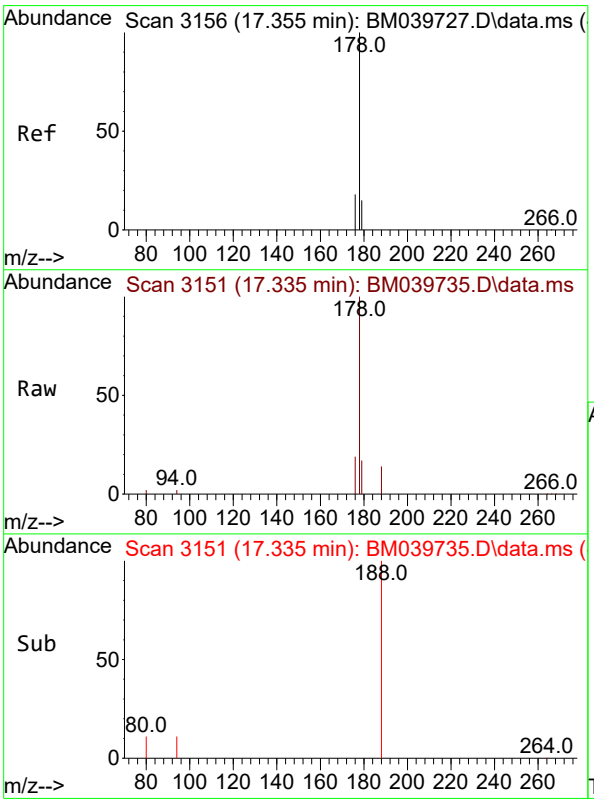
#15
Phenanthrene
Concen: 6.246 ng/ul
RT: 17.238 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:178 Resp: 292535

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	19.3	15.8	23.8

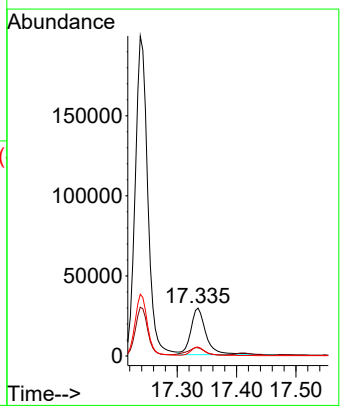


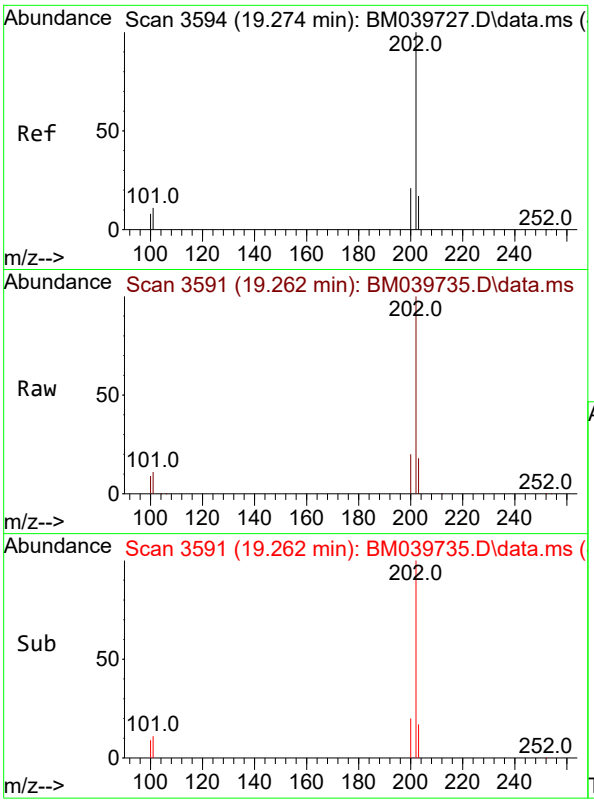


#16
Anthracene
Concen: 1.303 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:178 Resp: 52412

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.8	20.6
176	18.7	15.8	23.8



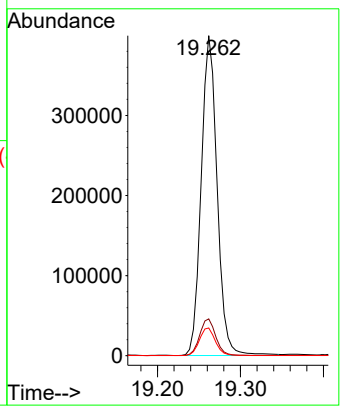


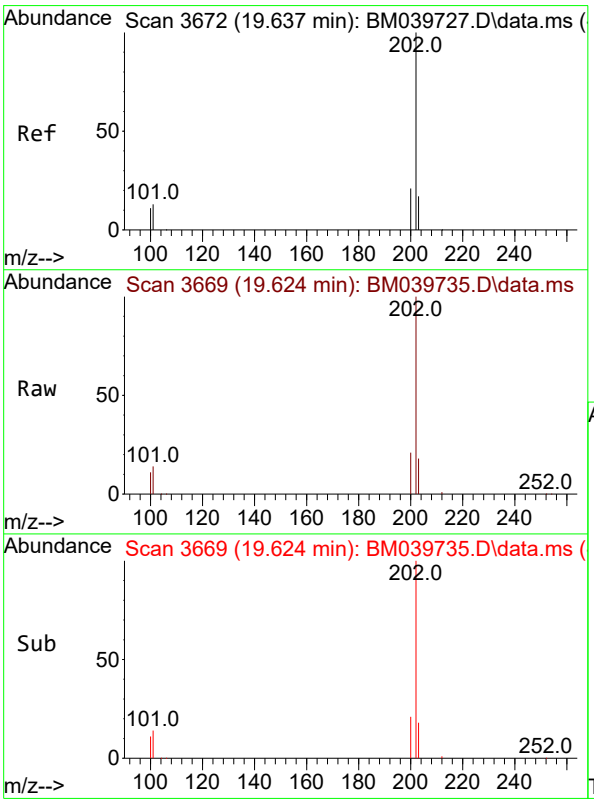
#19
Fluoranthene
Concen: 9.760 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:202 Resp: 535119

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	8.7	7.3	10.9

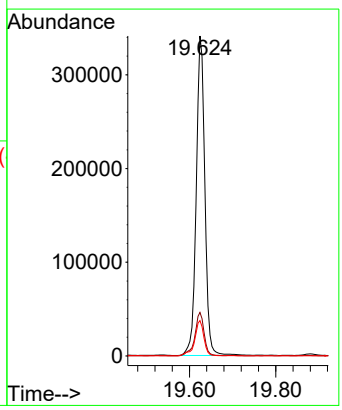


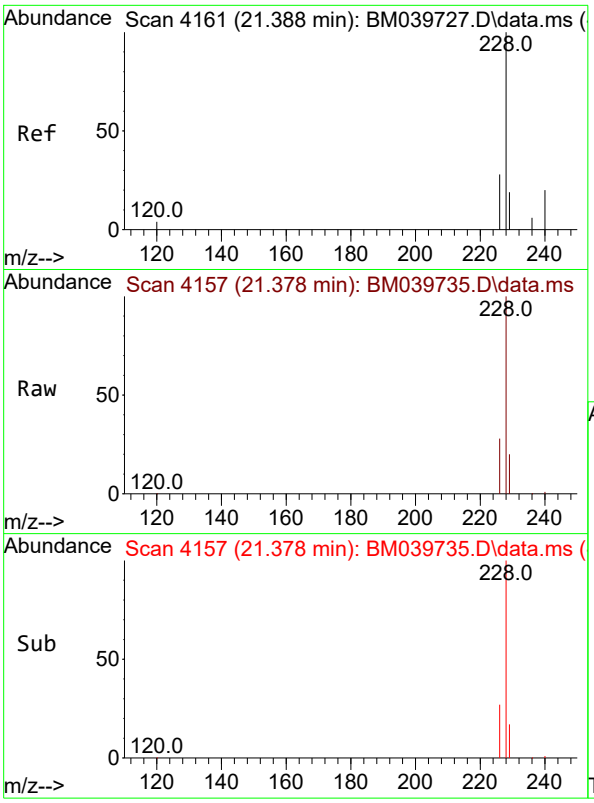


#20
Pyrene
Concen: 8.009 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:202 Resp: 474226

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.0	8.9	13.3



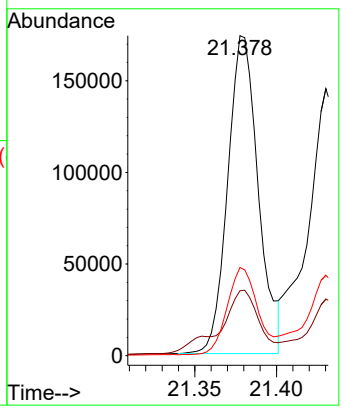


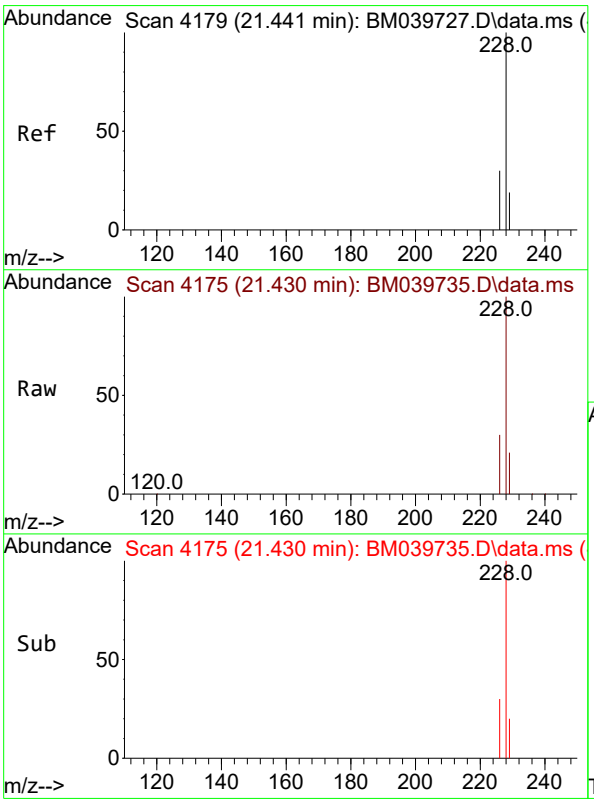
#21
Benzo(a)anthracene
Concen: 5.101 ng/ul
RT: 21.378 min Scan# 4
Delta R.T. -0.019 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:228 Resp: 225405

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	27.5	21.6	32.4

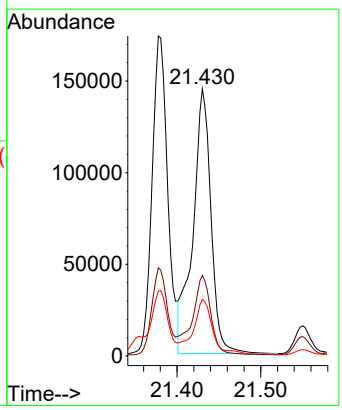


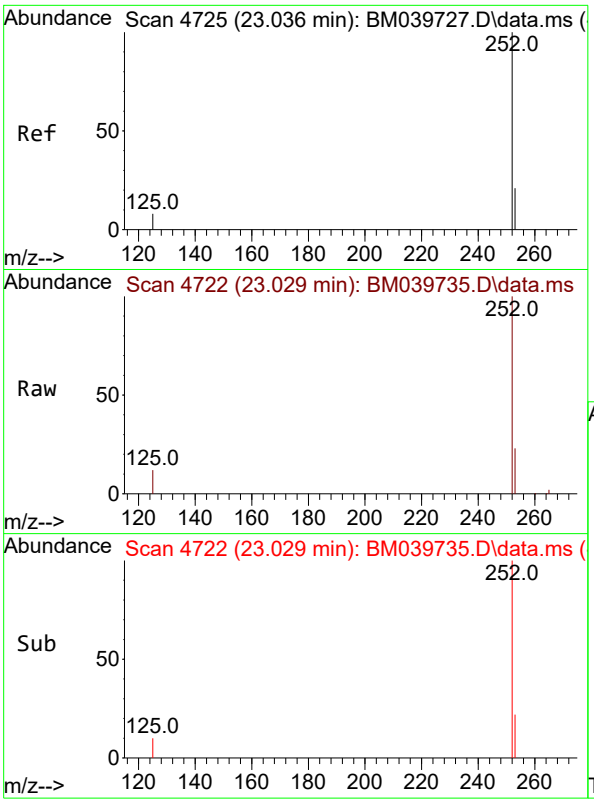


#22
Chrysene
Concen: 4.348 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:228 Resp: 217425

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	21.2	15.9	23.9



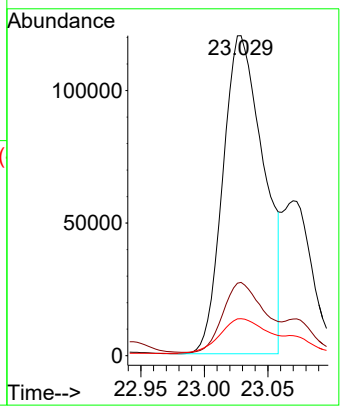


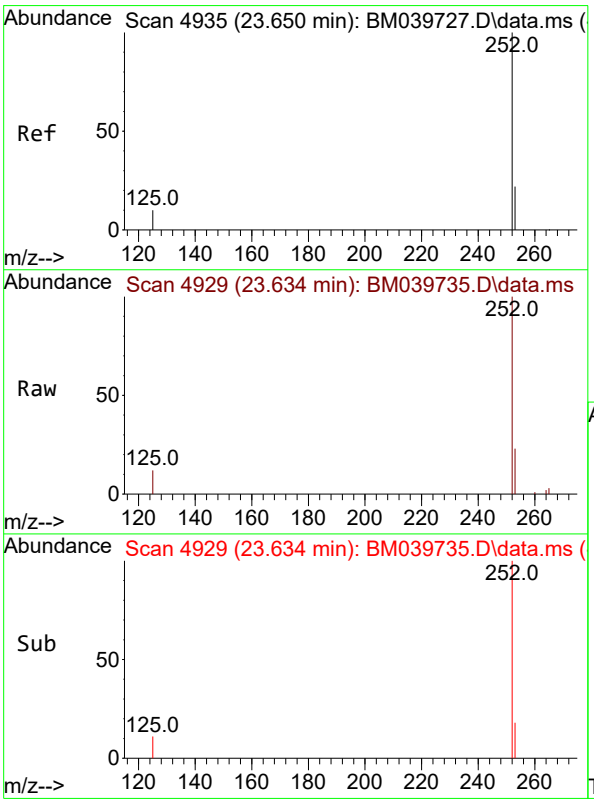
#24
Benzo(b)fluoranthene
Concen: 5.694 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:252 Resp: 268072

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	52.8
125	11.5	0.0	31.6

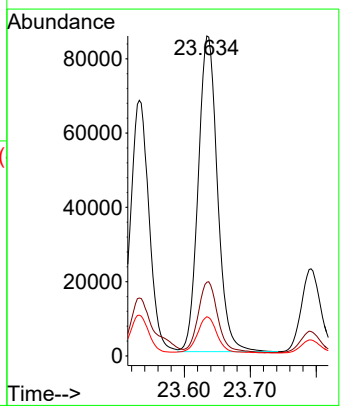


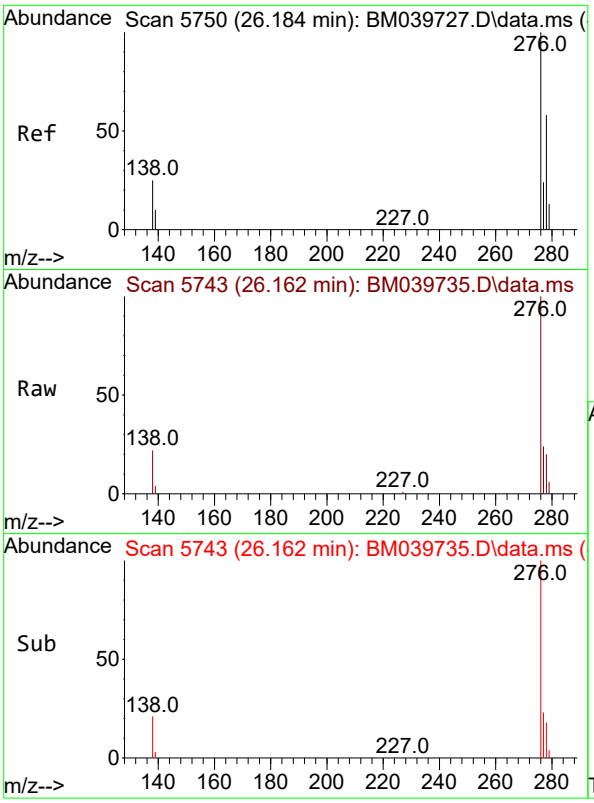


#26
Benzo(a)pyrene
Concen: 4.083 ng/ul
RT: 23.634 min Scan# 4929
Delta R.T. -0.030 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:252 Resp: 172576

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.7	37.1#
125	12.3	16.5	24.7#



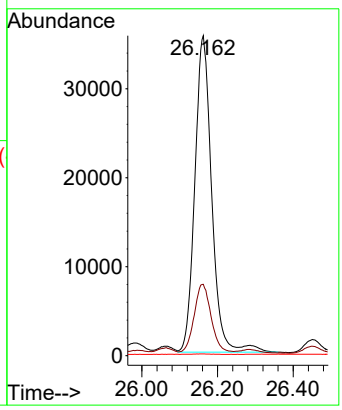


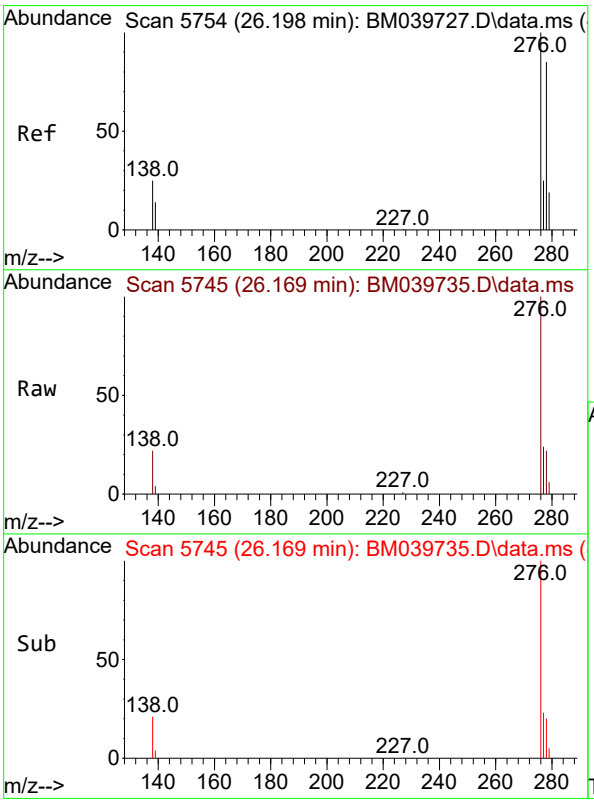
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.061 ng/ul
RT: 26.162 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:276 Resp: 110136

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
227	0.1	0.1	0.1#

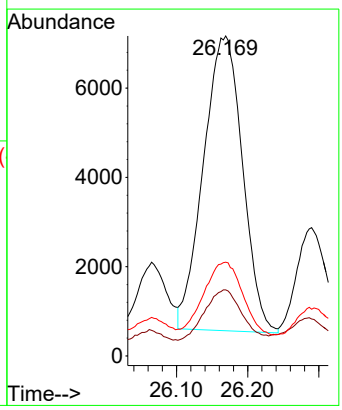


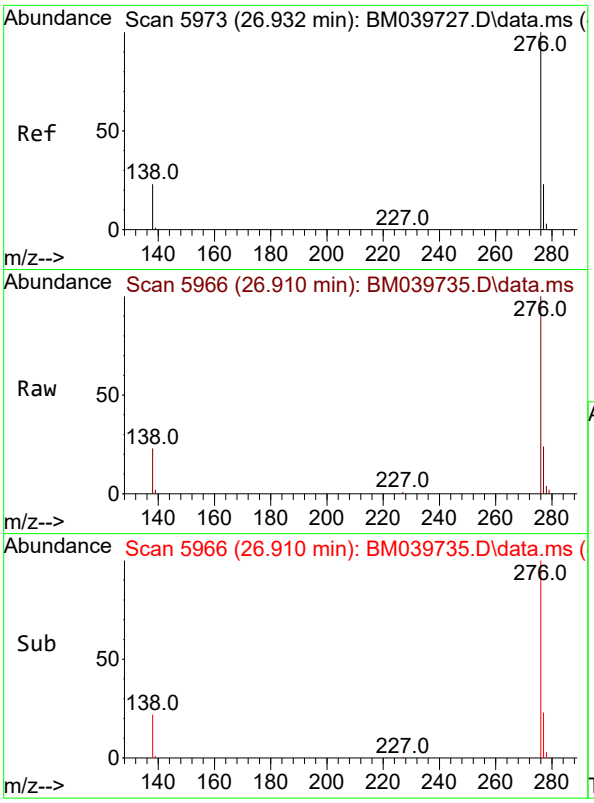


#28
Dibenzo(a,h)anthracene
Concen: 0.607 ng/ul
RT: 26.169 min Scan# 5745
Delta R.T. -0.049 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:278 Resp: 25180

Ion	Ratio	Lower	Upper
278	100		
139	20.6	17.0	25.6
279	29.3	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 1.995 ng/ul
RT: 26.910 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:276 Resp: 92926

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.1	30.1
277	24.1	20.1	30.1