Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027631.D
Acq On : 06 Oct 2020 10:52
Operator : JU/CG
Sample : L4184-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL2

Quant Time: Oct 06 11:24:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	22	0.40	ng/ul	# 0.00
2) Naphthalene-d8	10.575	136	65	0.40	ng/ul	# 0.00
6) Acenaphthene-d10	14.423	164	112	0.40	ng/ul	# 0.00
10) Phenanthrene-d10	0.000	188	0	0.00	ng/ul	-17.17
16) Chrysene-d12	21.343	240	235	0.40	ng/ul	# 0.00
20) Perylene-d12	23.598	264	136	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.167	152	959	8.10	ng/ul	0.00
14) Fluoranthene-d10	19.190	212	3271	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.628	128	652	3.43	ng/ul#	80
5) 2-Methylnaphthalene	12.239	142	516	3.73	ng/ul	99
7) Acenaphthylene	14.143	152	225	0.39	ng/ul#	47
8) Acenaphthene	14.488	153	84	0.21	ng/ul#	86
9) Fluorene	15.474	166	95	0.19	ng/ul#	85
17) Pyrene	19.583	202	5393	5.03	ng/ul	99
18) Benzo(a)anthracene	21.328	228	3775	4.10	ng/ul	94
19) Chrysene	21.379	228	3958	4.15	ng/ul	96
21) Benzo(b)fluoranthene	22.927	252	4971	9.07	ng/ul	74
22) Benzo(k)fluoranthene	22.927	252	4971	8.73	ng/ul#	74
23) Benzo(a)pyrene	23.506	252	2219	4.52	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.880	276	2018	3.19	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.892	278	667	1.28	ng/ul#	4
26) Benzo(g,h,i)perylene	26.578	276	1667	3.13	ng/ul#	76

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

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
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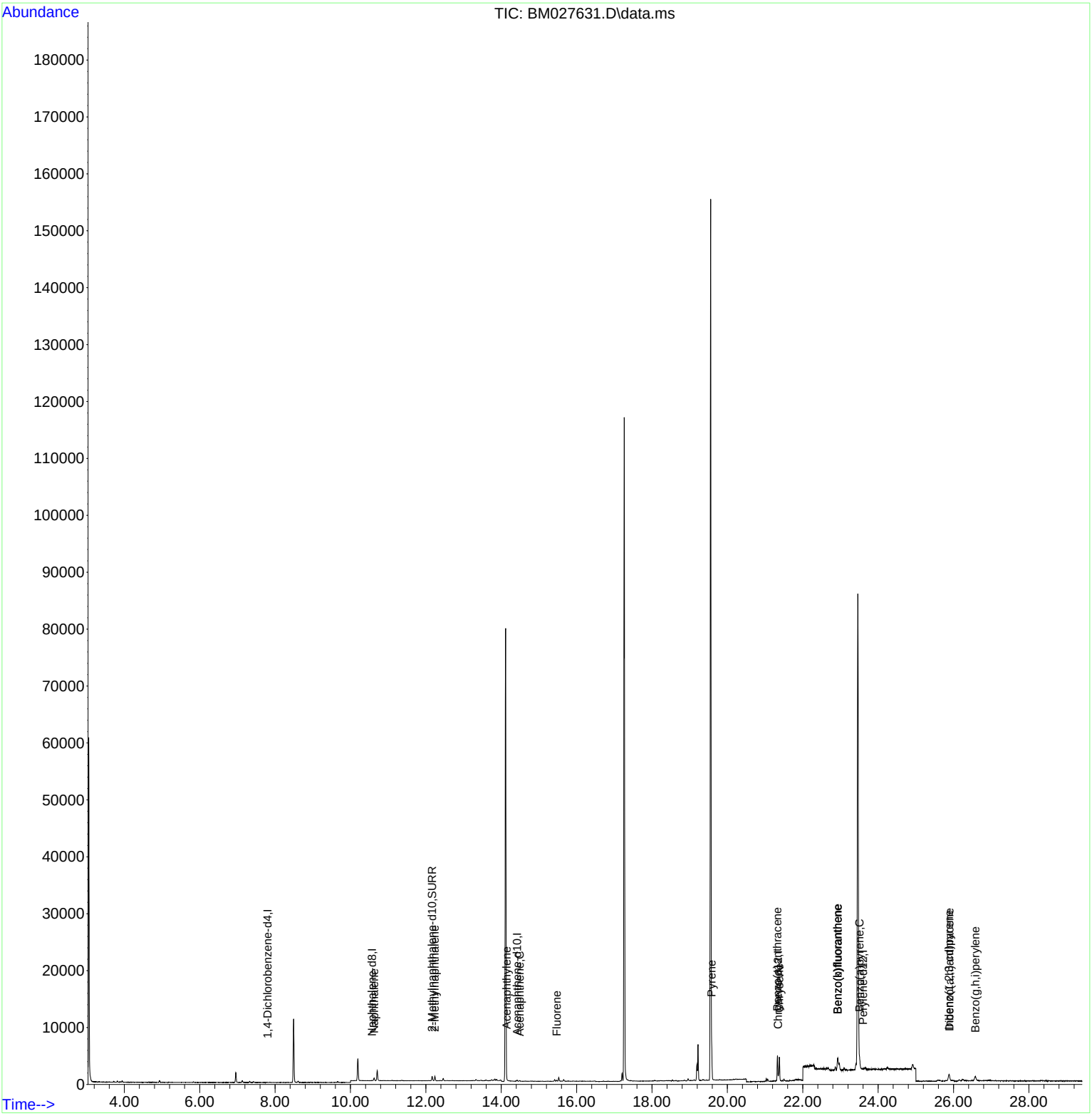
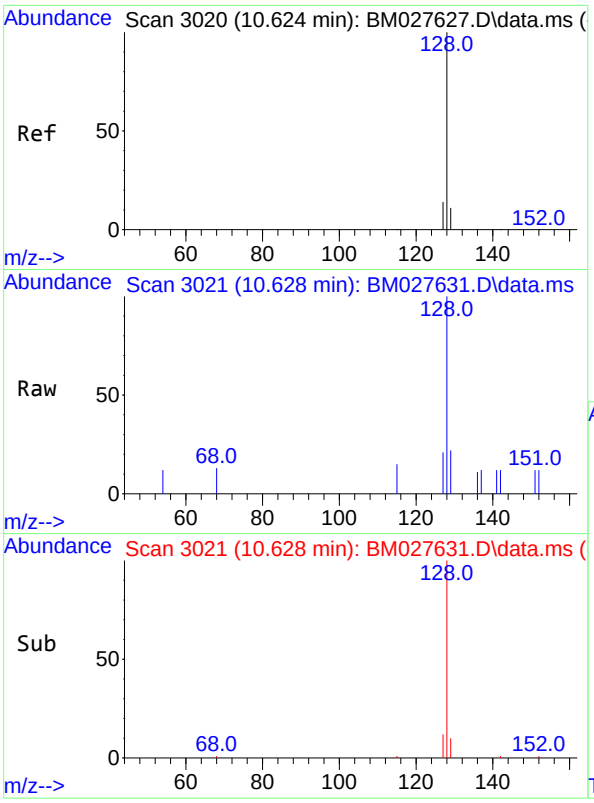
Quant Time: Oct 06 11:24:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

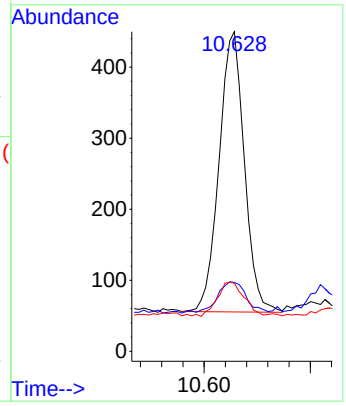




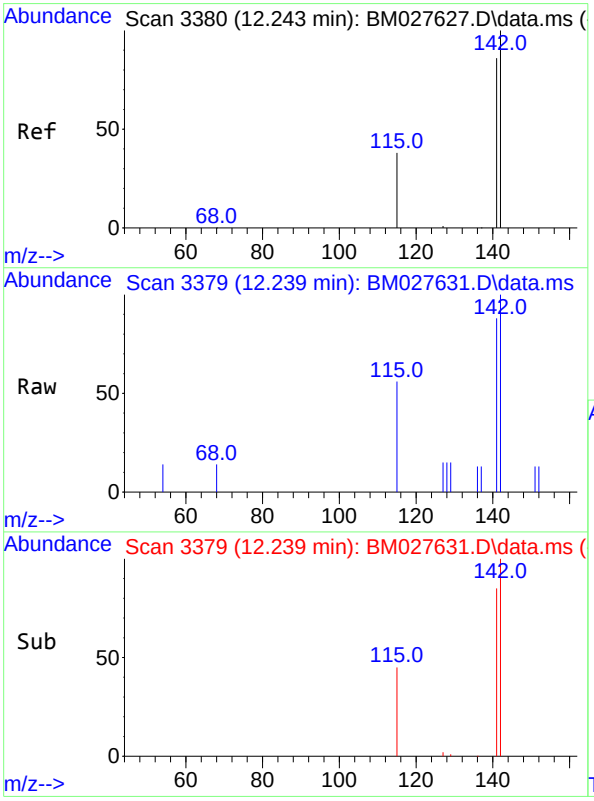
#3
Naphthalene
Concen: 3.43 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:128 Resp: 652

Ion	Ratio	Lower	Upper
128	100		
129	21.6	9.9	14.9#
127	21.3	11.4	17.2#



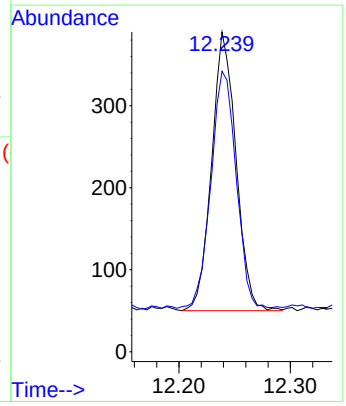
Instrument :
BNA_M
ClientSampleId :
C0AL2



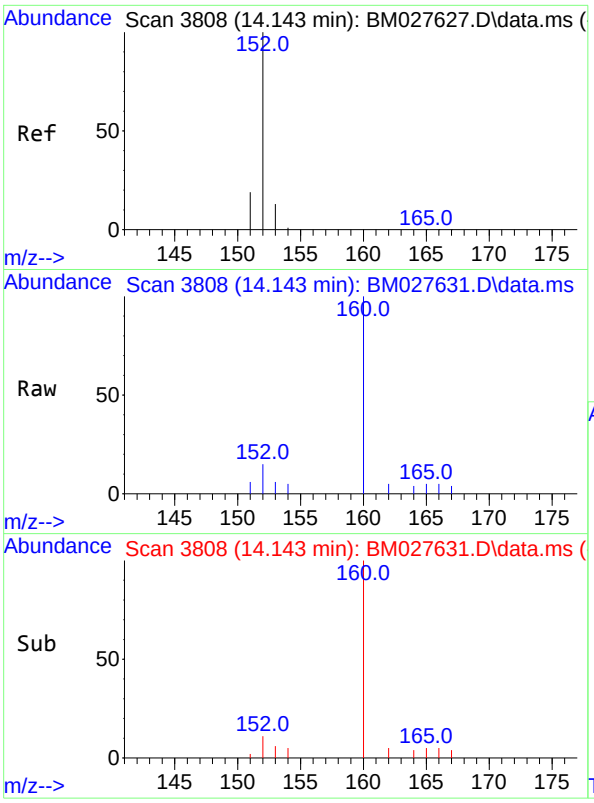
#5
2-Methylnaphthalene
Concen: 3.73 ng/ul
RT: 12.239 min Scan# 3379
Delta R.T. -0.007 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:142 Resp: 516

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3



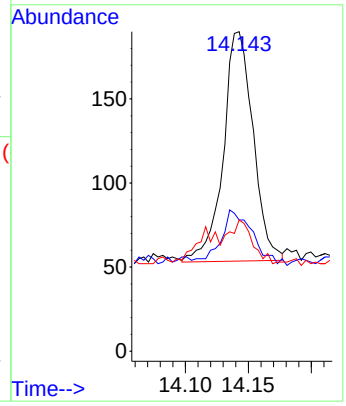
Instrument :
BNA_M
ClientSampleId :
C0AL2

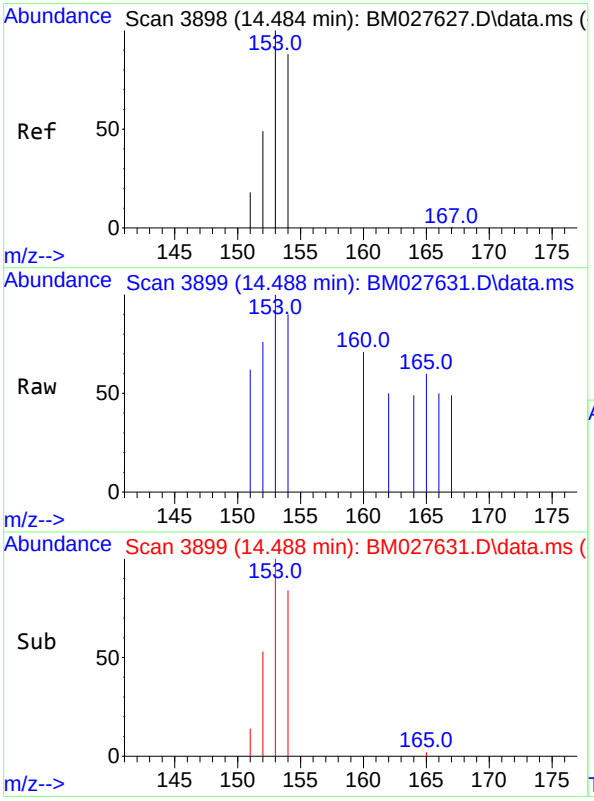


#7
Acenaphthylene
Concen: 0.39 ng/ul
RT: 14.143 min Scan# 3808
Delta R.T. -0.002 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:152 Resp: 225

Ion	Ratio	Lower	Upper
152	100		
151	41.1	16.6	24.8#
153	41.1	11.4	17.0#

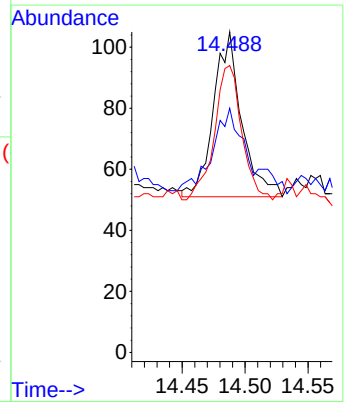




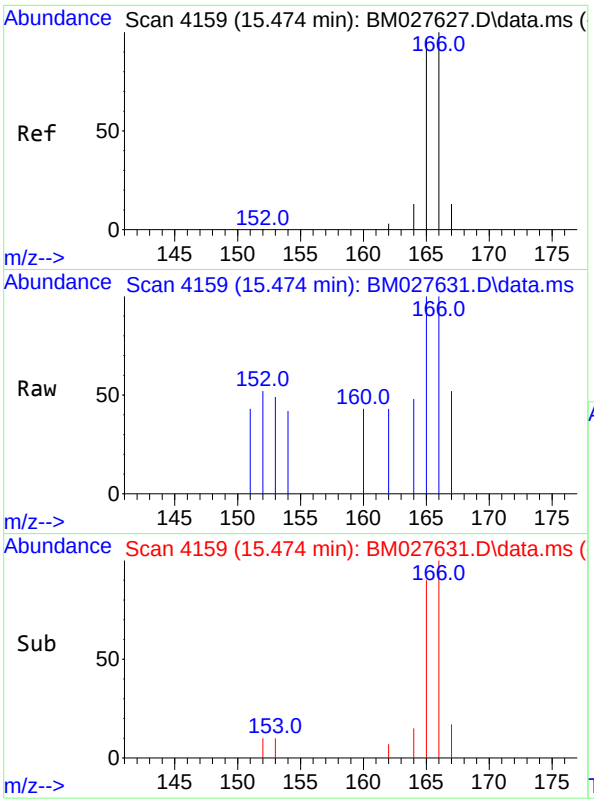
#8
Acenaphthene
Concen: 0.21 ng/ul
RT: 14.488 min Scan# 3899
Delta R.T. 0.002 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:153 Resp: 84

Ion	Ratio	Lower	Upper
153	100		
152	76.2	42.8	64.2#
154	89.5	69.0	103.6



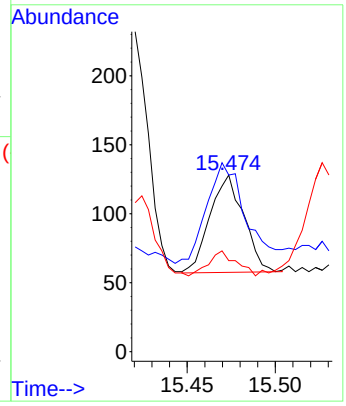
Instrument :
BNA_M
ClientSampleId :
C0AL2

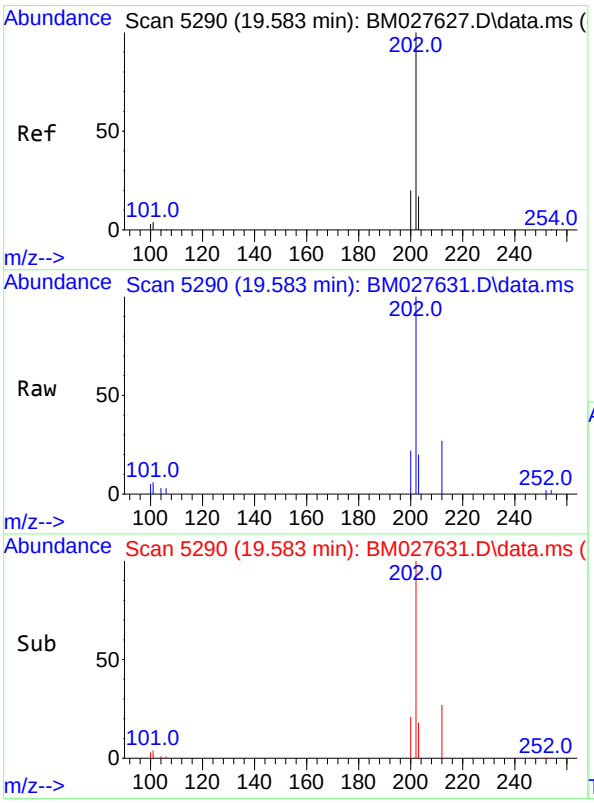


#9
Fluorene
Concen: 0.19 ng/ul
RT: 15.474 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:166 Resp: 95

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.2	115.8
167	51.6	11.1	16.7#

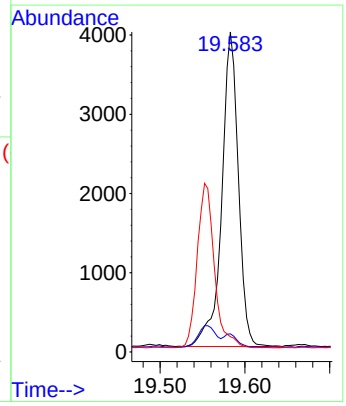




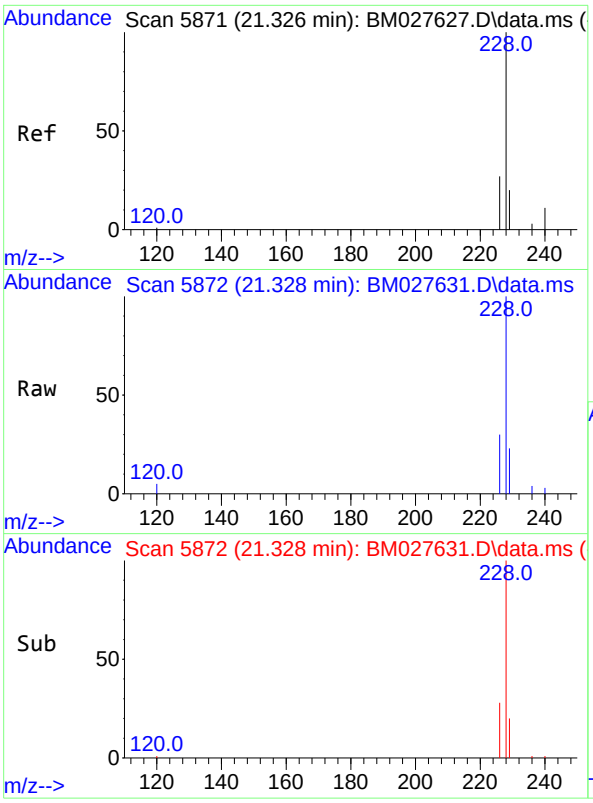
#17
Pyrene
Concen: 5.03 ng/ul
RT: 19.583 min Scan# 5290
Delta R.T. -0.002 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:202 Resp: 5393

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.7	7.1
100	4.8	3.9	5.9



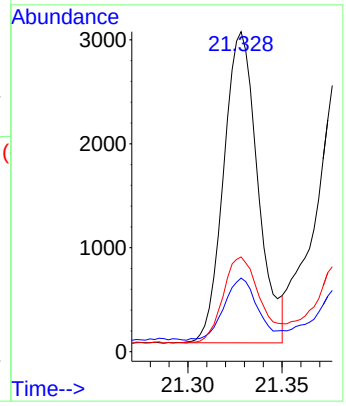
Instrument :
BNA_M
ClientSampleId :
C0AL2

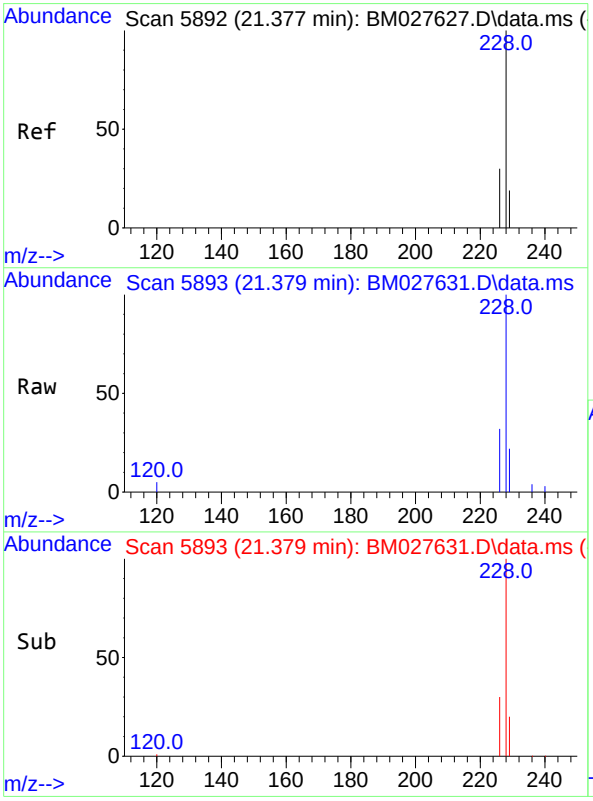


#18
Benzo(a)anthracene
Concen: 4.10 ng/ul
RT: 21.328 min Scan# 5872
Delta R.T. -0.003 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:228 Resp: 3775

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	29.6	21.8	32.8

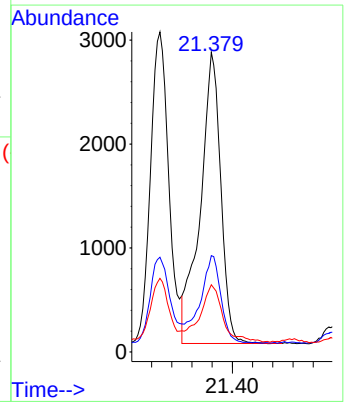




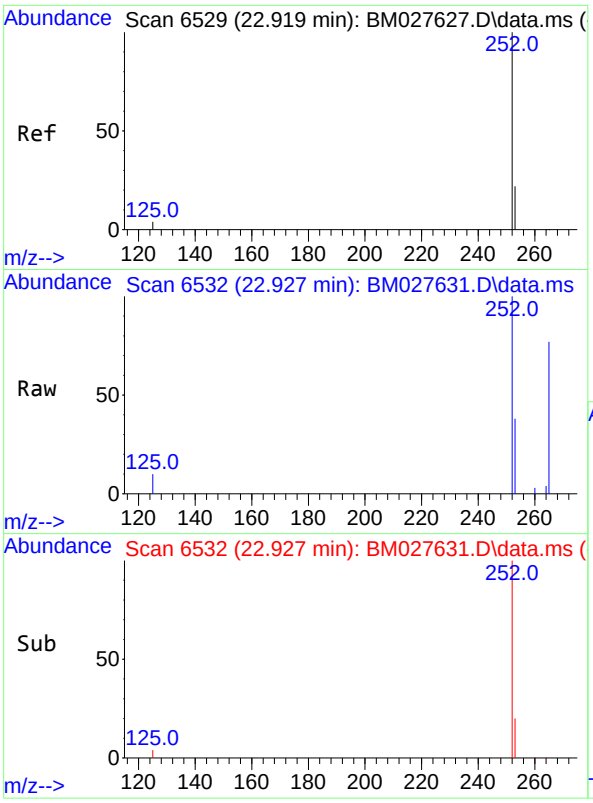
#19
Chrysene
Concen: 4.15 ng/ul
RT: 21.379 min Scan# 5893
Delta R.T. -0.003 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:228 Resp: 3958

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.2	36.4
229	22.4	15.8	23.8



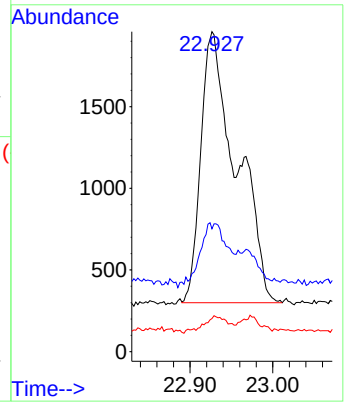
Instrument :
BNA_M
ClientSampleId :
C0AL2

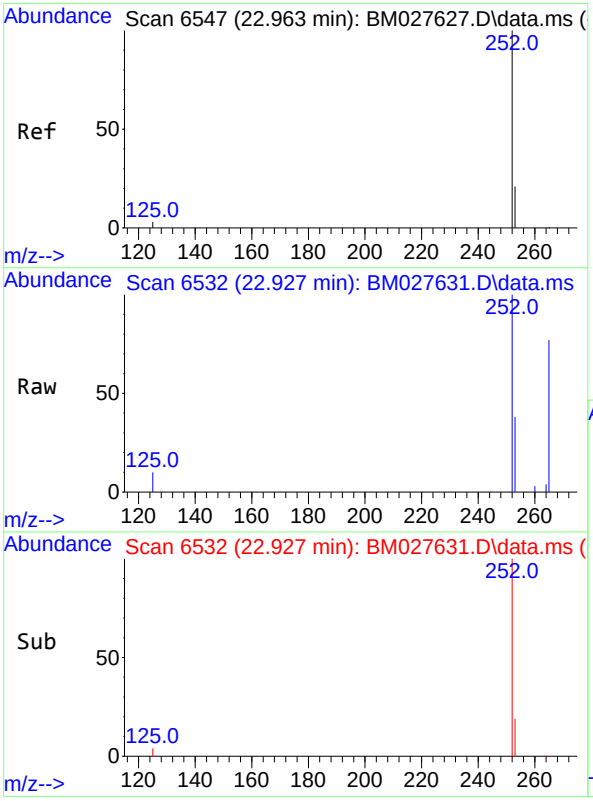


#21
Benzo(b)fluoranthene
Concen: 9.07 ng/ul
RT: 22.927 min Scan# 6532
Delta R.T. -0.000 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:252 Resp: 4971

Ion	Ratio	Lower	Upper
252	100		
253	38.4	0.0	48.2
125	10.4	0.0	10.6

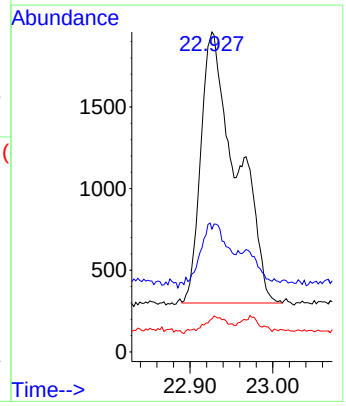




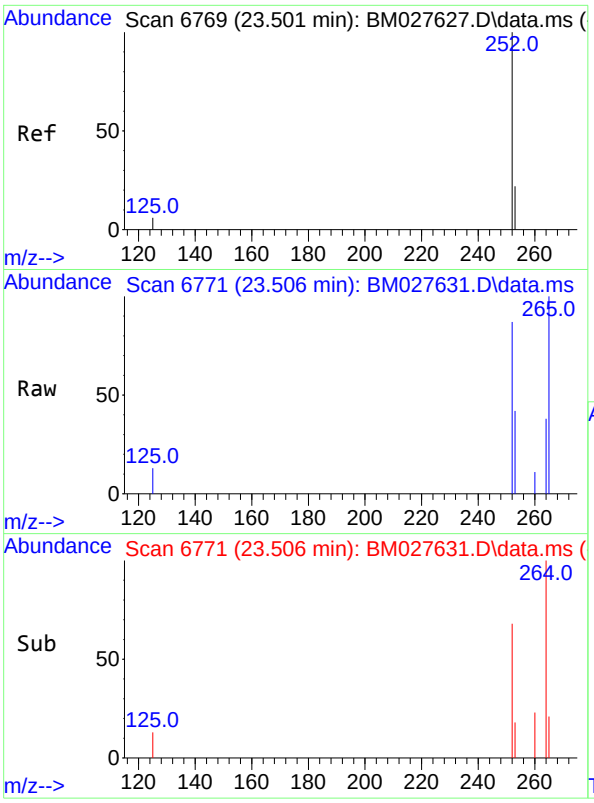
#22
Benzo(k)fluoranthene
Concen: 8.73 ng/ul
RT: 22.927 min Scan# 6532
Delta R.T. -0.046 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:252 Resp: 4971

Ion	Ratio	Lower	Upper
252	100		
253	38.4	19.1	28.7#
125	10.4	5.0	7.4#



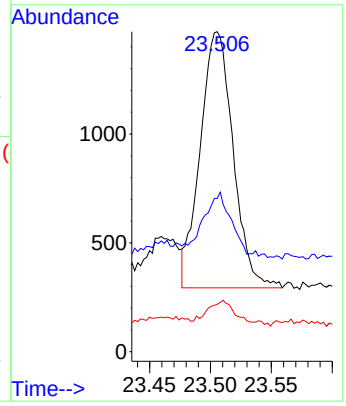
Instrument :
BNA_M
ClientSampleId :
C0AL2

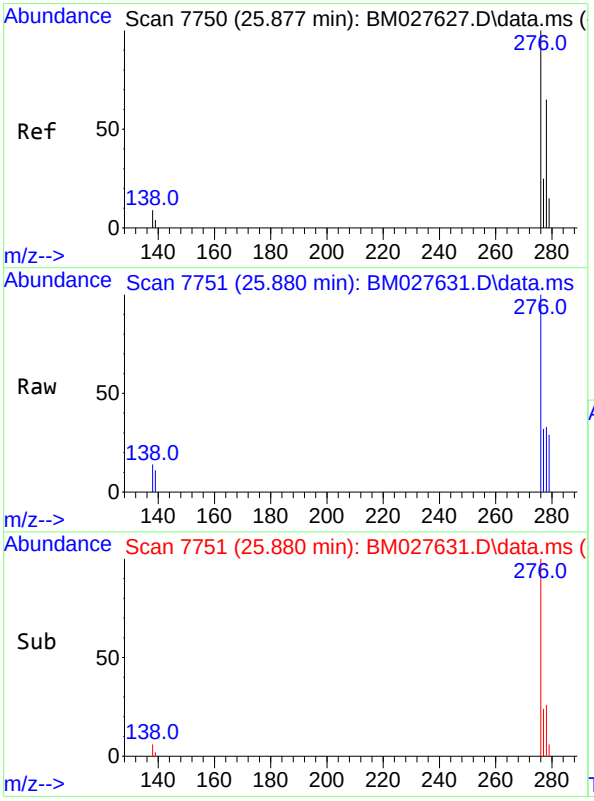


#23
Benzo(a)pyrene
Concen: 4.52 ng/ul
RT: 23.506 min Scan# 6771
Delta R.T. -0.003 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:252 Resp: 2219

Ion	Ratio	Lower	Upper
252	100		
253	47.9	19.6	29.4#
125	14.8	5.0	7.6#

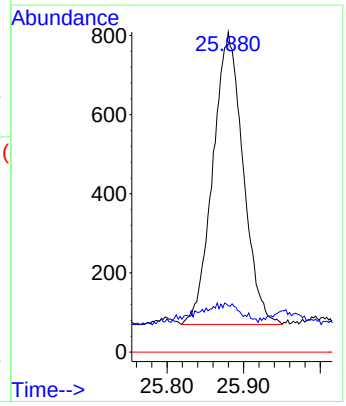




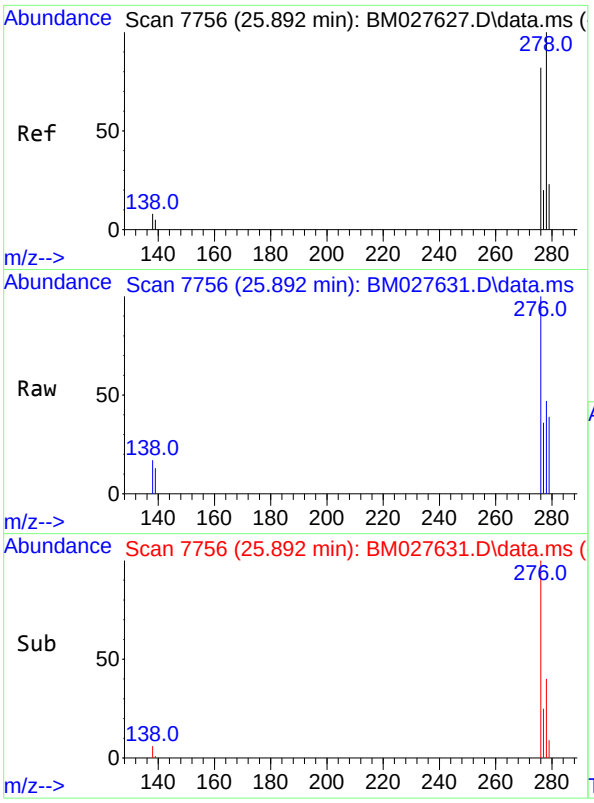
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng/ul
RT: 25.880 min Scan# 7751
Delta R.T. -0.007 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:276 Resp: 2018

Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.6	12.8#
227	0.0	0.0	0.0



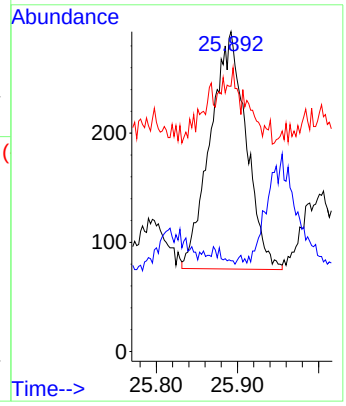
Instrument :
BNA_M
ClientSampleId :
C0AL2

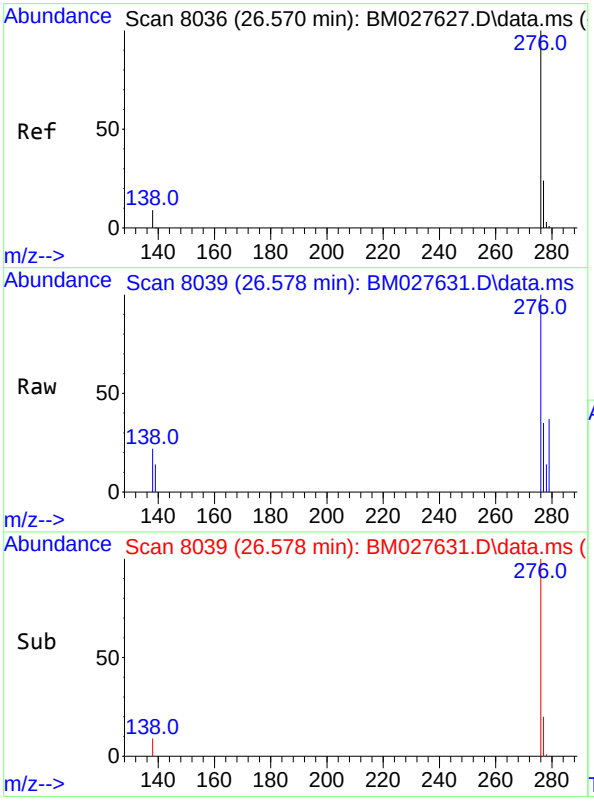


#25
Dibenzo(a,h)anthracene
Concen: 1.28 ng/ul
RT: 25.892 min Scan# 7756
Delta R.T. -0.010 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:278 Resp: 667

Ion	Ratio	Lower	Upper
278	100		
139	28.3	7.6	11.4#
279	82.9	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 3.13 ng/ul
RT: 26.578 min Scan# 8039
Delta R.T. -0.005 min
Lab File: BM027631.D
Acq: 06 Oct 2020 10:52

Tgt Ion:276 Resp: 1667

Ion	Ratio	Lower	Upper
276	100		
138	22.2	9.0	13.4#
277	34.6	19.4	29.0#