Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032751.D
Acq On : 27 Oct 2021 05:51
Operator : CG/JU
Sample : PB140186BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS186

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mohammad
10/27/2021 11:47:33 AM

Quant Time: Oct 27 07:17:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 26 17:09:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.539	152	4236	0.400	ng/ul		0.00
4) Naphthalene-d8	10.316	136	16007	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.190	164	8607	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.925	188	14643	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.104	240	9051	0.400	ng/ul		0.00
23) Perylene-d12	23.232	264	7569	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.909	96	3417	0.720	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.913	152	7641	0.358	ng/ul		0.00
18) Fluoranthene-d10	18.950	212	11229	0.394	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.944	88	9785	1.871	ng/ul	#	82
5) Naphthalene	10.366	128	16976	0.350	ng/ul		100
7) 2-Methylnaphthalene	11.990	142	10719	0.338	ng/ul		99
8) 1-Methylnaphthalene	12.210	142	10051	0.320	ng/ul		100
10) Acenaphthylene	13.910	152	11289	0.307	ng/ul		99
11) Acenaphthene	14.251	153	11402	0.340	ng/ul		99
12) Fluorene	15.241	166	12131	0.321	ng/ul		99
14) Pentachlorophenol	16.599	266	2013	0.534	ng/ul		99
15) Phenanthrene	16.967	178	16699	0.339	ng/ul		99
16) Anthracene	17.057	178	13228	0.306	ng/ul		100
19) Fluoranthene	18.981	202	16504	0.369	ng/ul		99
20) Pyrene	19.343	202	16502	0.358	ng/ul		98
21) Benzo(a)anthracene	21.089	228	10967	0.310	ng/ul		100
22) Chrysene	21.137	228	13669	0.351	ng/ul		99
24) Benzo(b)fluoranthene	22.600	252	12338	0.353	ng/ul		91
25) Benzo(k)fluoranthene	22.636	252	13587m	0.390	ng/ul		
26) Benzo(a)pyrene	23.140	252	10356	0.353	ng/ul	#	83
27) Indeno(1,2,3-cd)pyrene	25.328	276	13475	0.376	ng/ul	#	100
28) Dibenzo(a,h)anthracene	25.333	278	10610	0.375	ng/ul	#	93
29) Benzo(g,h,i)perylene	25.970	276	12829	0.411	ng/ul		98

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

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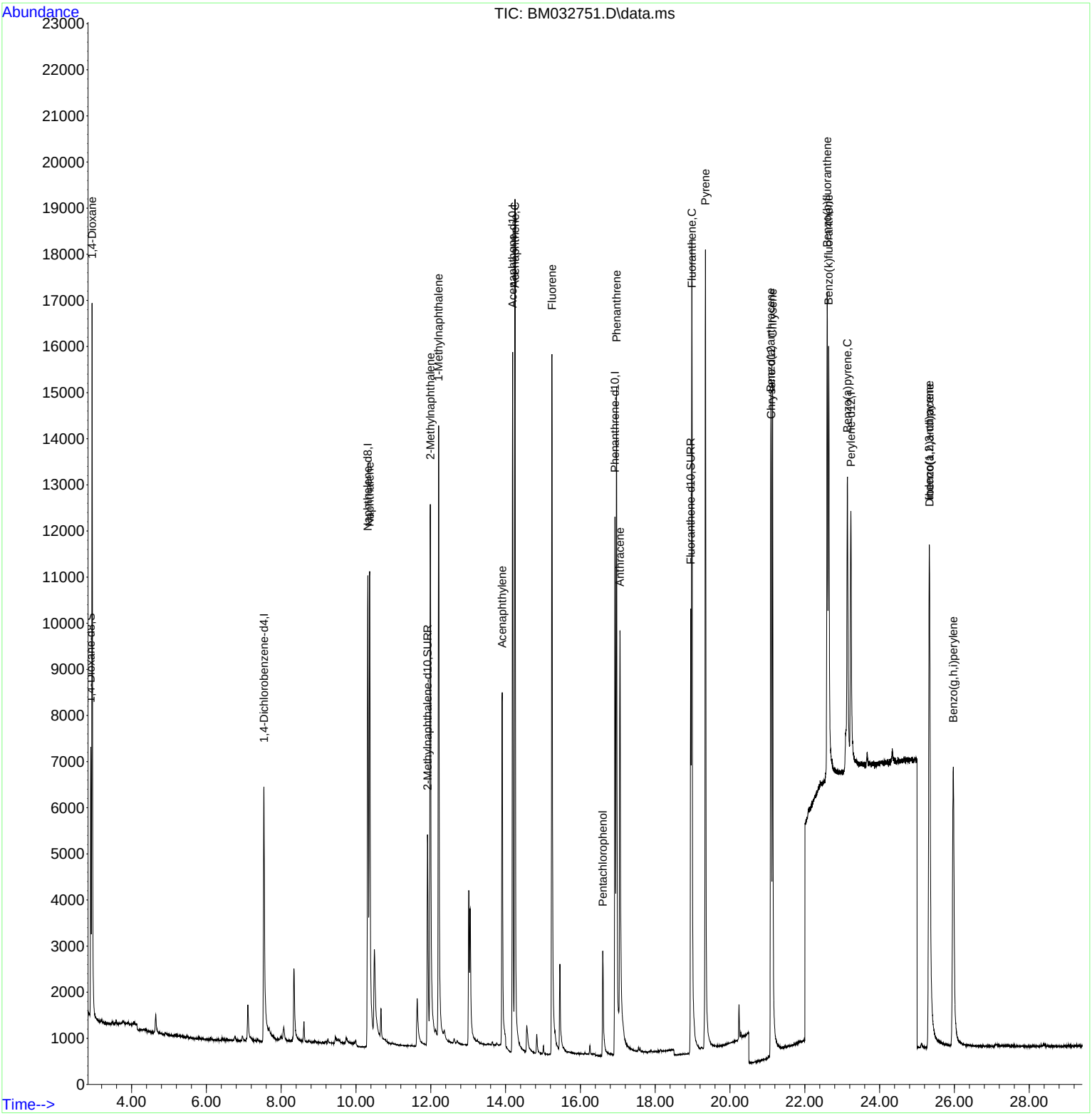
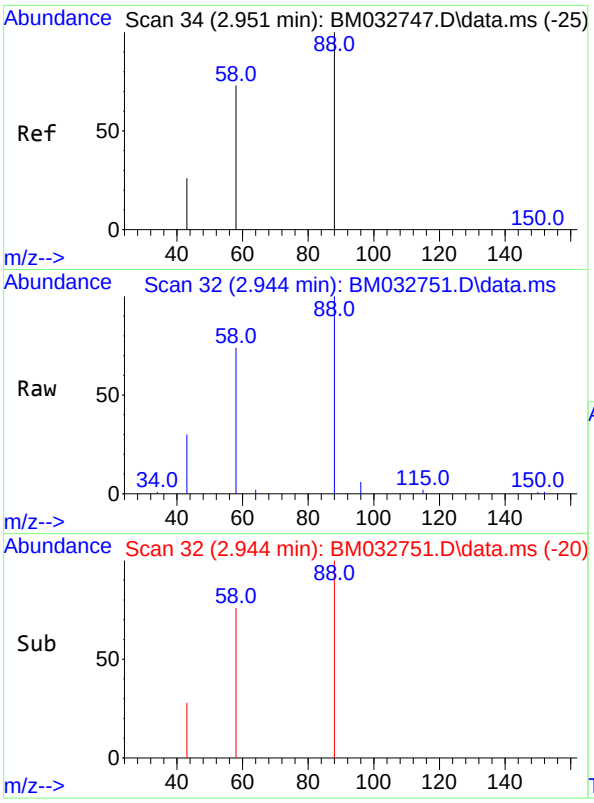
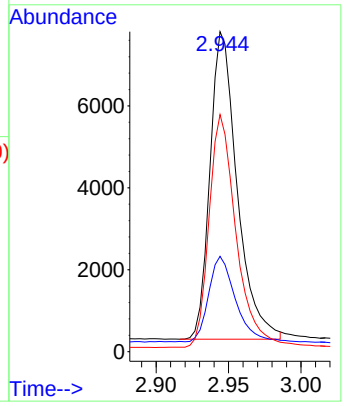




#2
1,4-Dioxane
Concen: 1.871 ng/ul
RT: 2.944 min Scan# 32
Delta R.T. -0.007 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion: 88 Resp: 9785

Ion	Ratio	Lower	Upper
88	100		
43	29.8	46.6	69.8#
58	74.1	60.7	91.1



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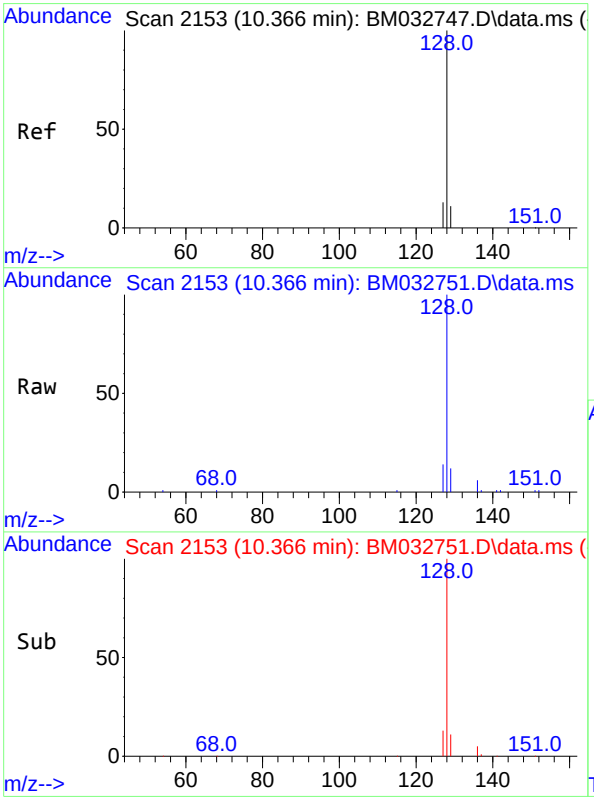
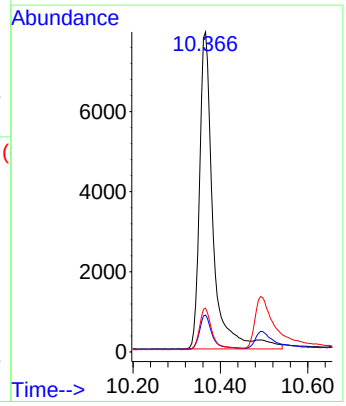
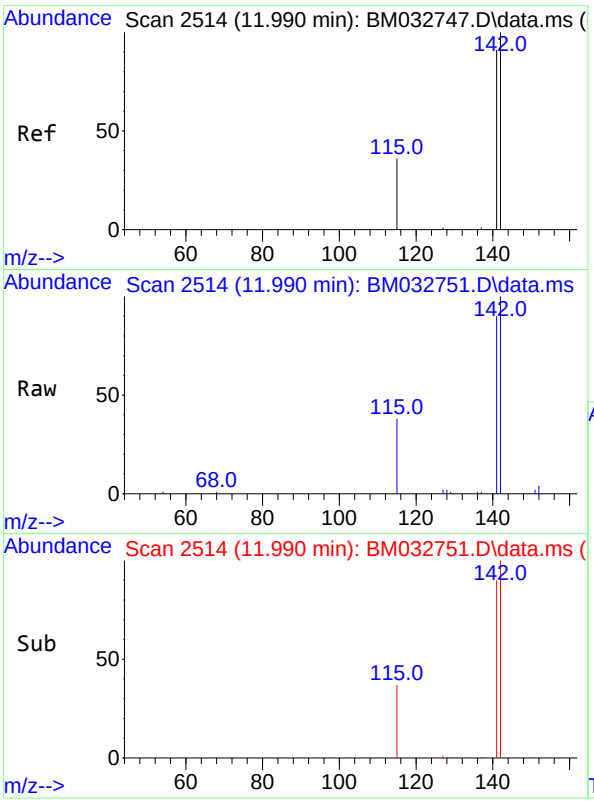


#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.366 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:128 Resp: 16976

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	11.1	16.7

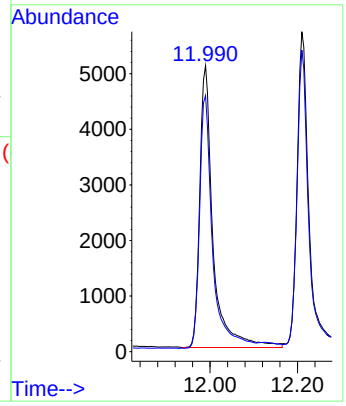




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 11.990 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:142 Resp: 10719

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2



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ClientSampleId :
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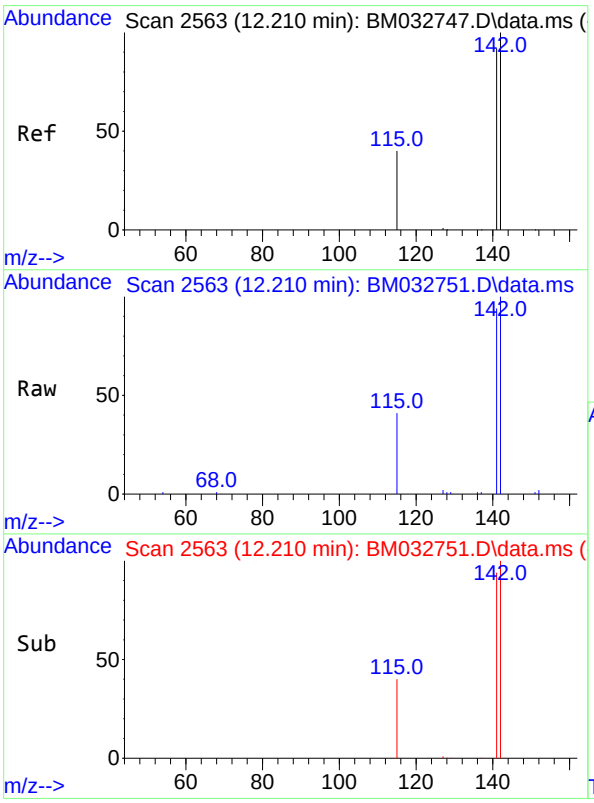
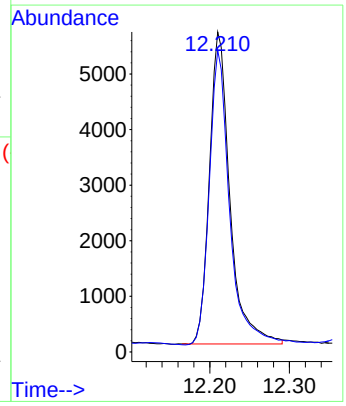
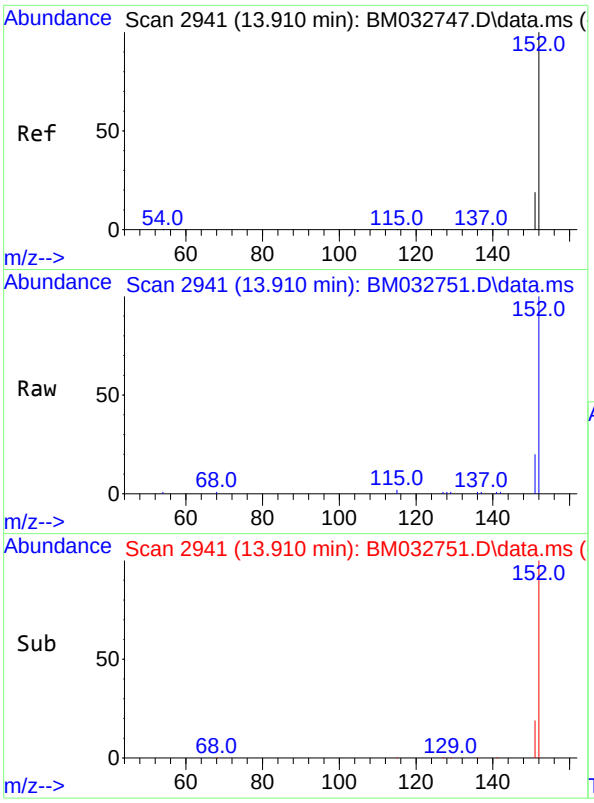


#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.210 min Scan# 2563
Delta R.T. -0.005 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:142 Resp: 10051

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.9	112.3

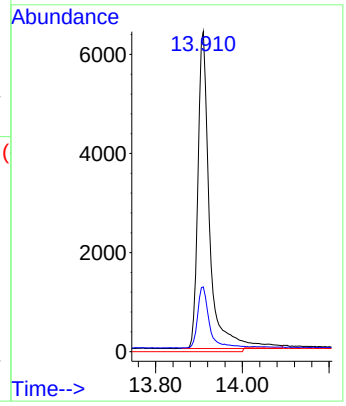




#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 13.910 min Scan# 2941
Delta R.T. -0.005 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:152 Resp: 11289

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1
153	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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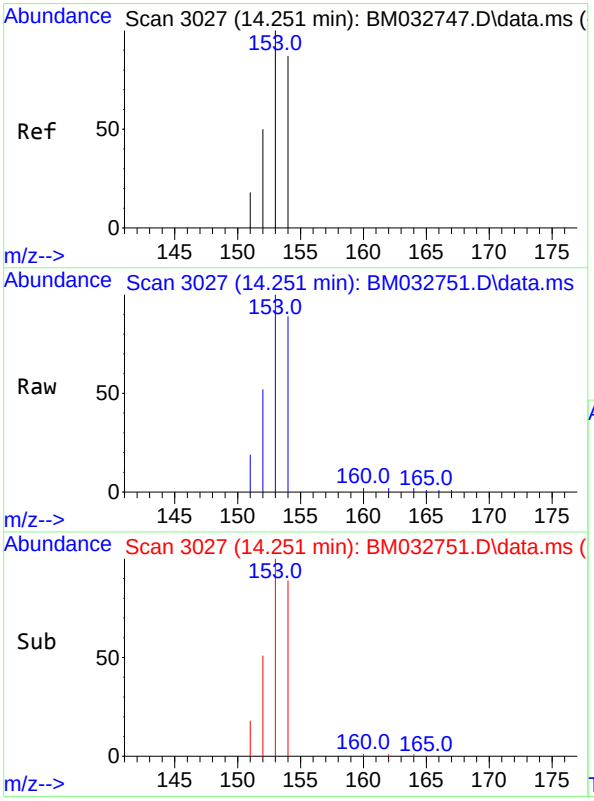
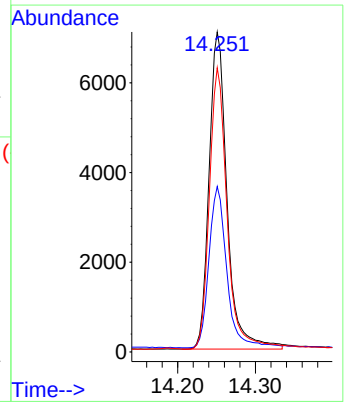
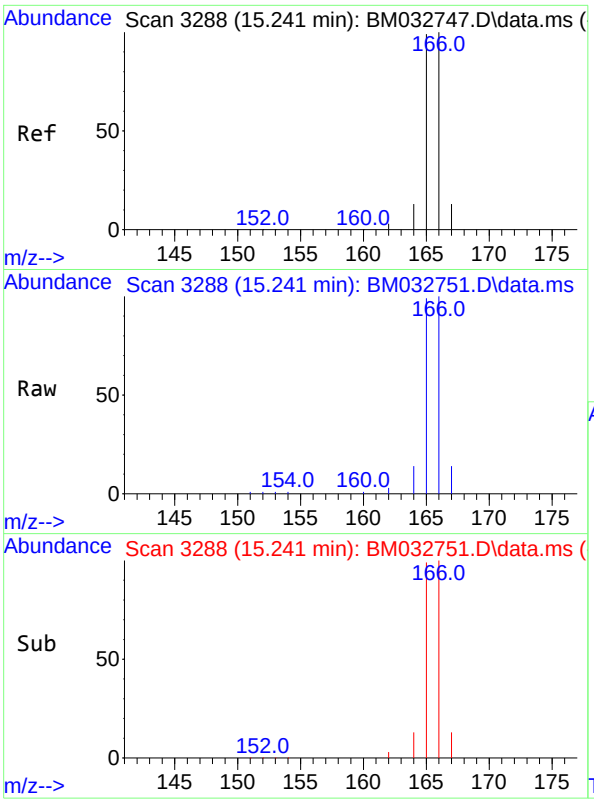


#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.251 min Scan# 3027
Delta R.T. -0.004 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:153 Resp: 11402

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.4	60.6
154	88.8	70.8	106.2

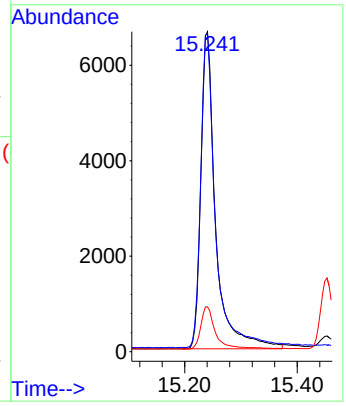




#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.241 min Scan# 3288
Delta R.T. -0.004 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:166 Resp: 12131

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.7	121.1
167	14.0	11.2	16.8



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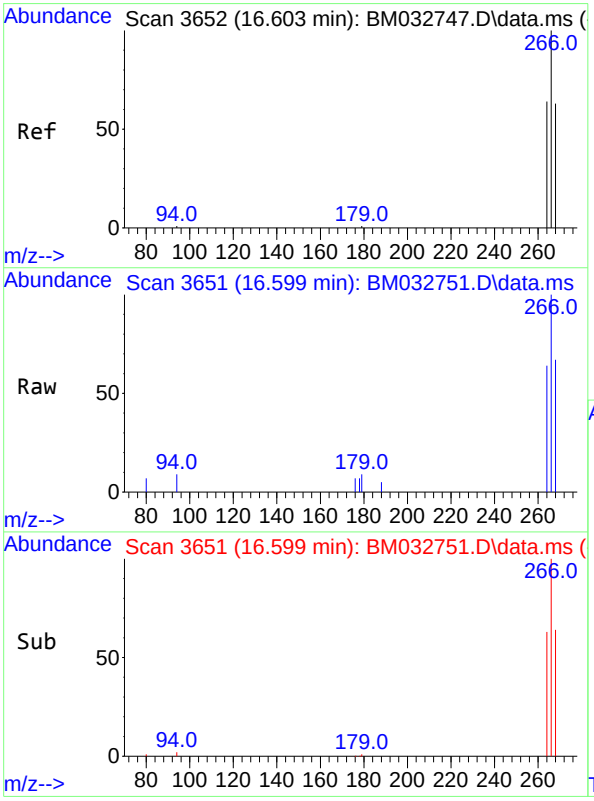
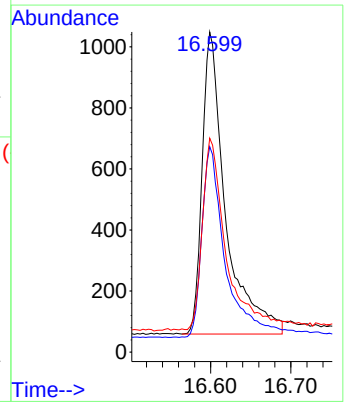
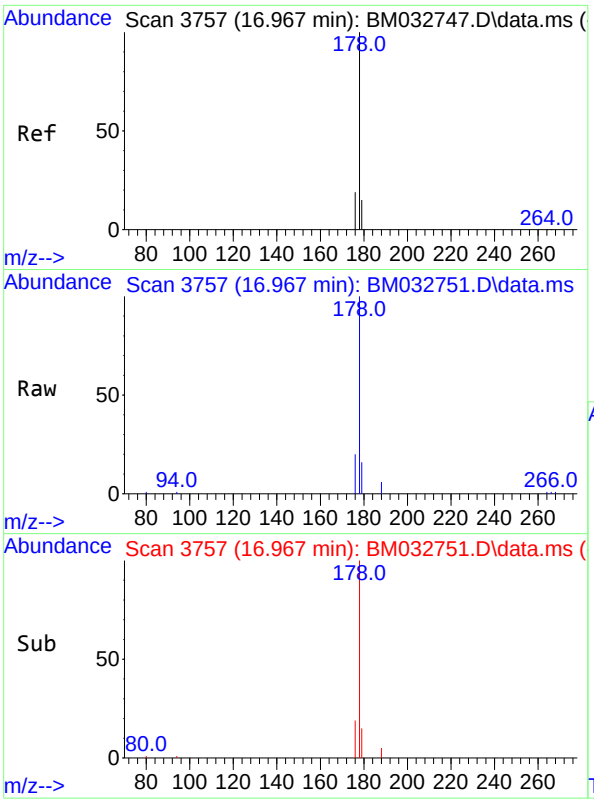


#14
Pentachlorophenol
Concen: 0.534 ng/ul
RT: 16.599 min Scan# 3651
Delta R.T. -0.007 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:266 Resp: 2013

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2
268	64.1	50.2	75.2

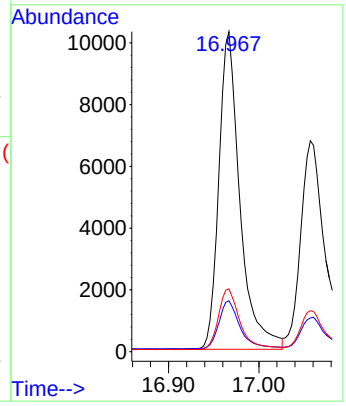




#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 16.967 min Scan# 3757
Delta R.T. -0.003 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:178 Resp: 16699

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.7	16.1	24.1



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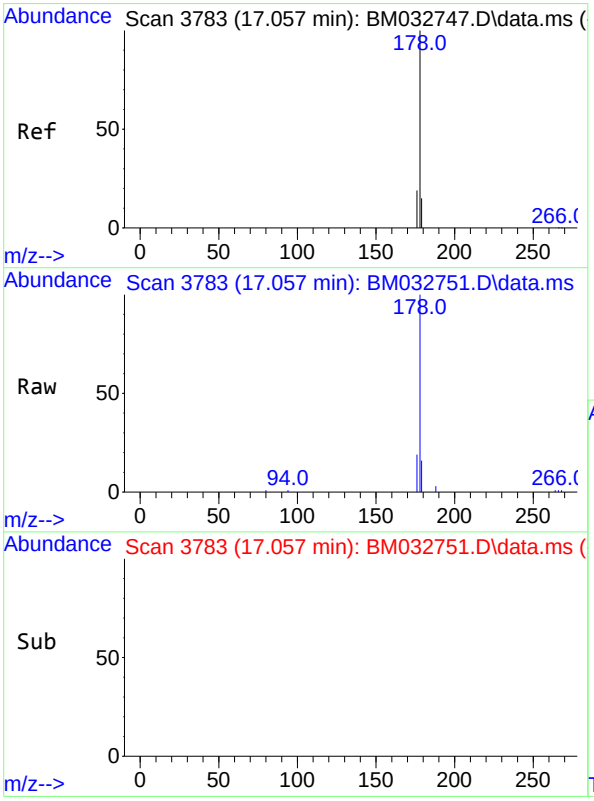
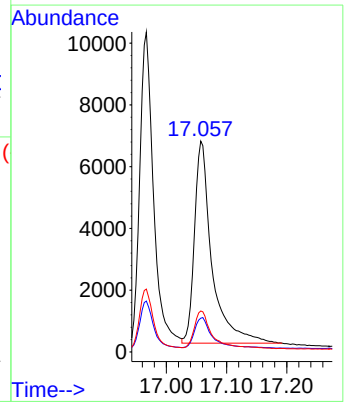
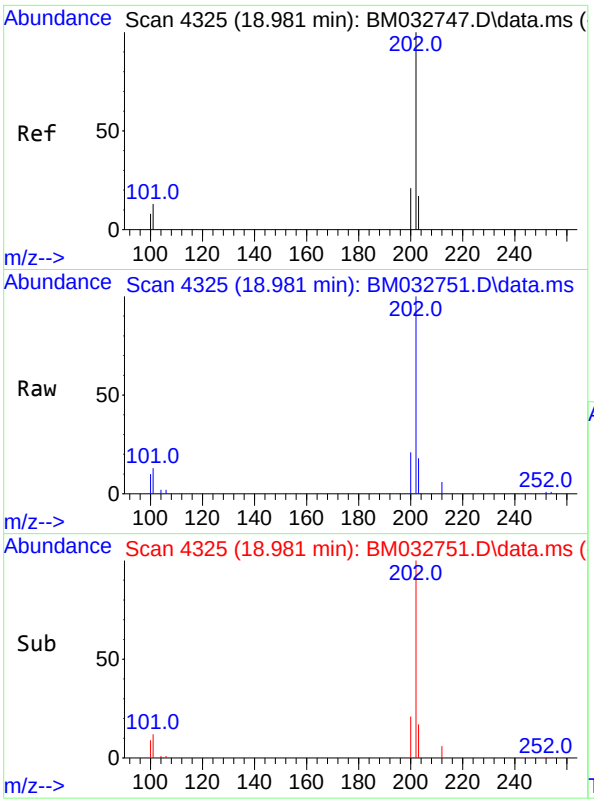


#16
Anthracene
Concen: 0.306 ng/ul
RT: 17.057 min Scan# 3783
Delta R.T. -0.003 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:178 Resp: 13228

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.5	15.8	23.6

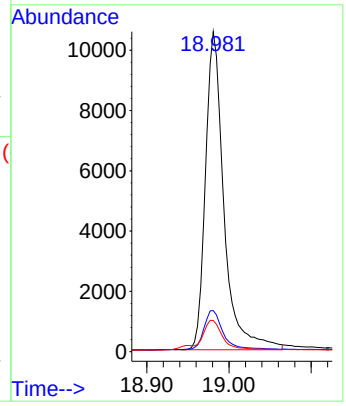


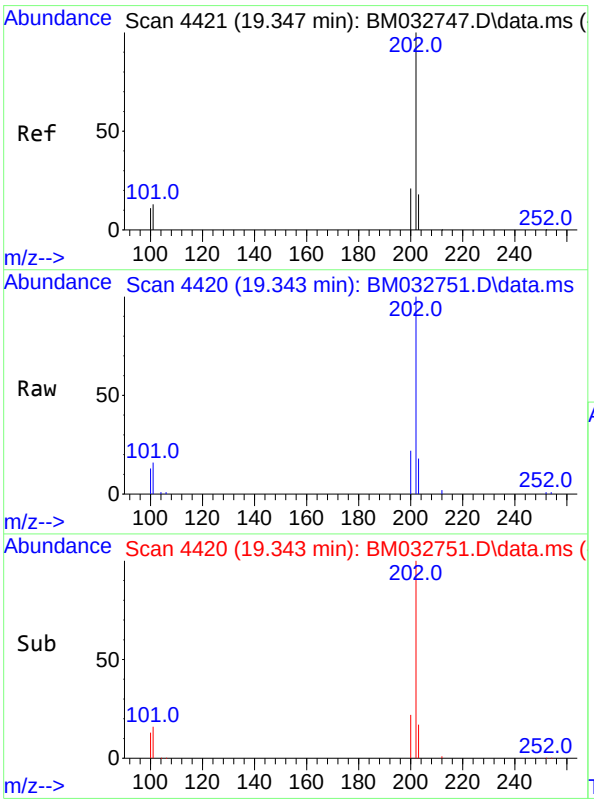


#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 18.981 min Scan# 4325
Delta R.T. -0.004 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:202 Resp: 16504

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	9.7	7.8	11.8

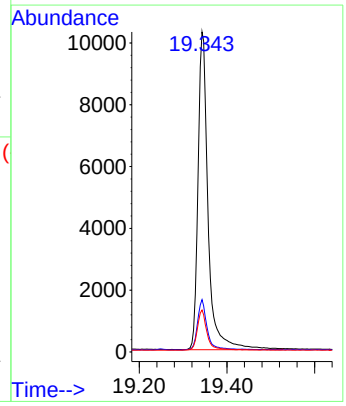




#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.343 min Scan# 4420
Delta R.T. -0.004 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:202 Resp: 16502

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.3	18.5
100	13.1	10.1	15.1



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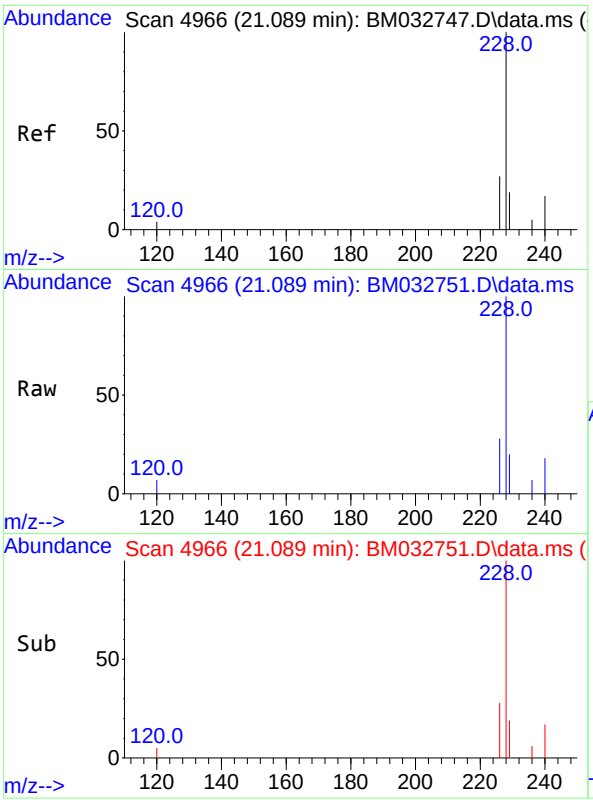
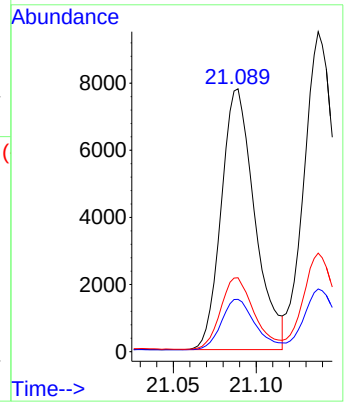


#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.089 min Scan# 4966
Delta R.T. -0.002 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:228 Resp: 10967

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	28.1	22.4	33.6



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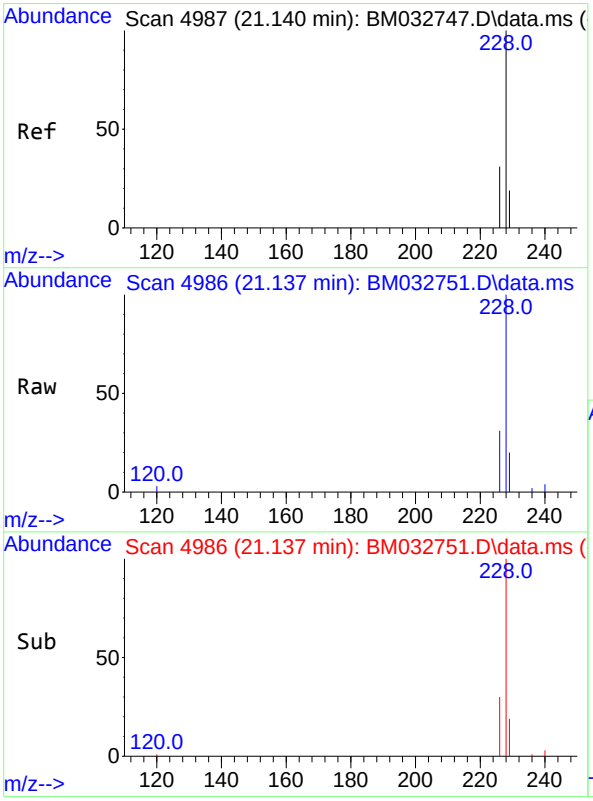
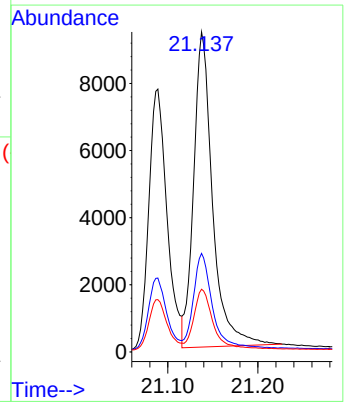
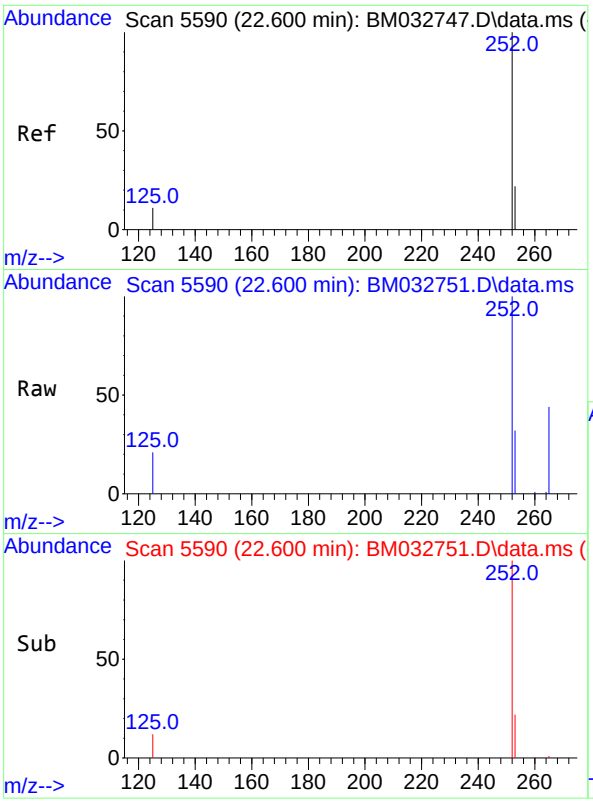


#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.137 min Scan# 4986
Delta R.T. -0.005 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:228 Resp: 13669

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	19.6	15.7	23.5

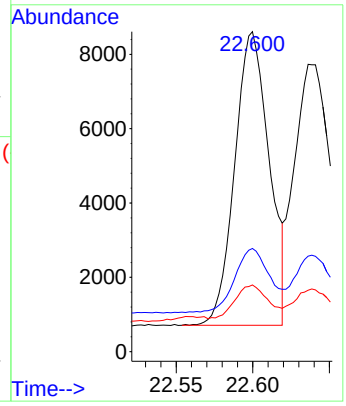


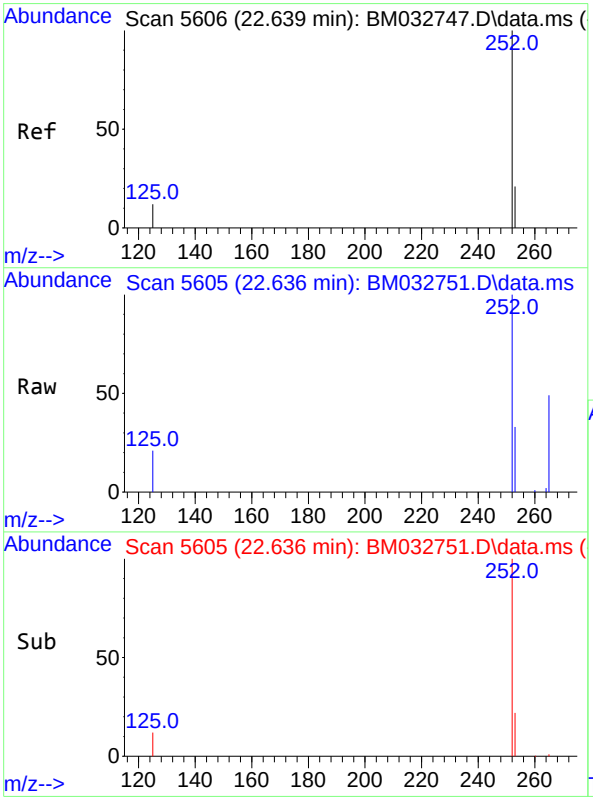


#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.600 min Scan# 5590
Delta R.T. -0.005 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:252 Resp: 12338

Ion	Ratio	Lower	Upper
252	100		
253	32.3	0.0	53.8
125	20.9	0.0	35.6

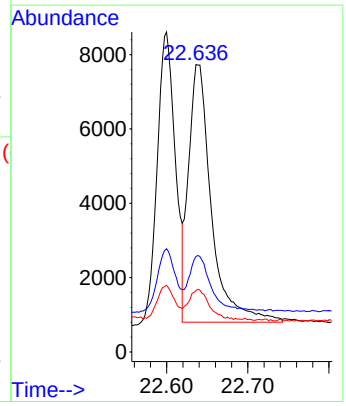




#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul m
RT: 22.636 min Scan# 5605
Delta R.T. -0.010 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:252 Resp: 13587

Ion	Ratio	Lower	Upper
252	100		
253	33.2	21.8	32.6#
125	21.4	14.4	21.6



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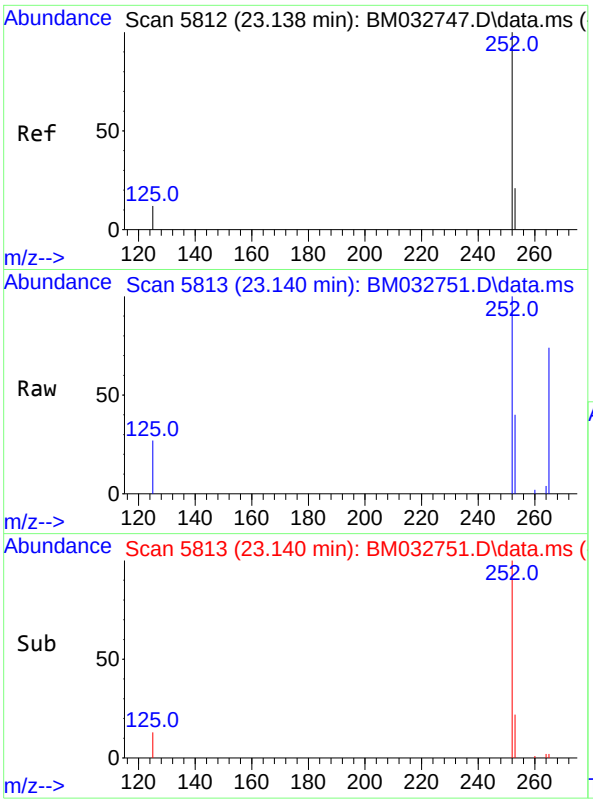
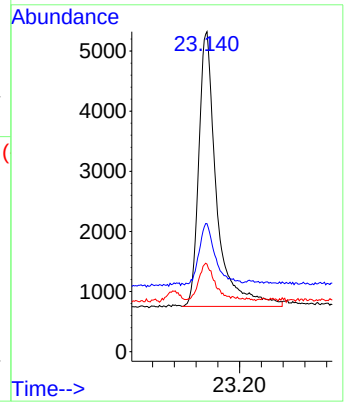


#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.140 min Scan# 5813
Delta R.T. -0.007 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:252 Resp: 10356

Ion	Ratio	Lower	Upper
252	100		
253	40.0	23.6	35.4#
125	27.3	17.1	25.7#



Instrument :
BNA_M
ClientSampleId :
SLCS186

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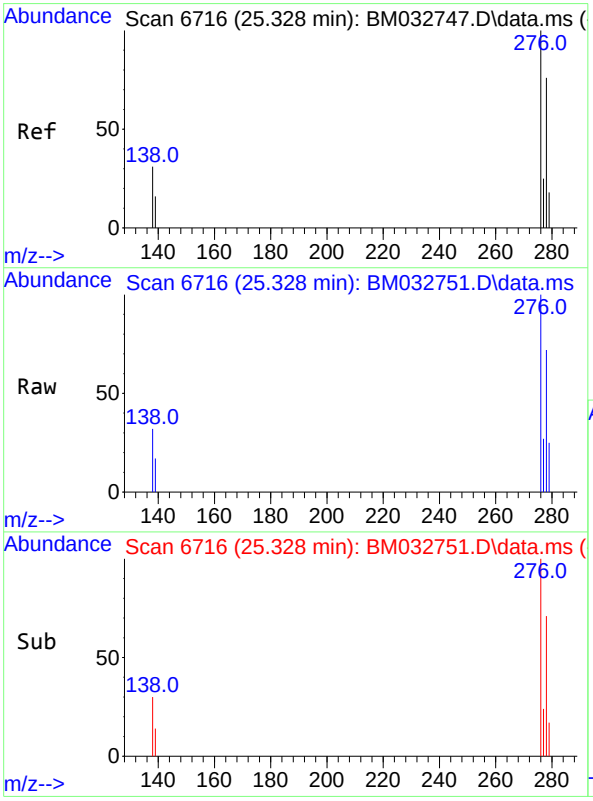
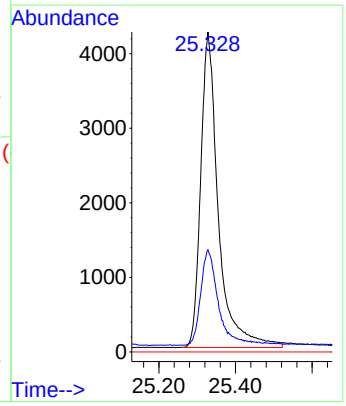
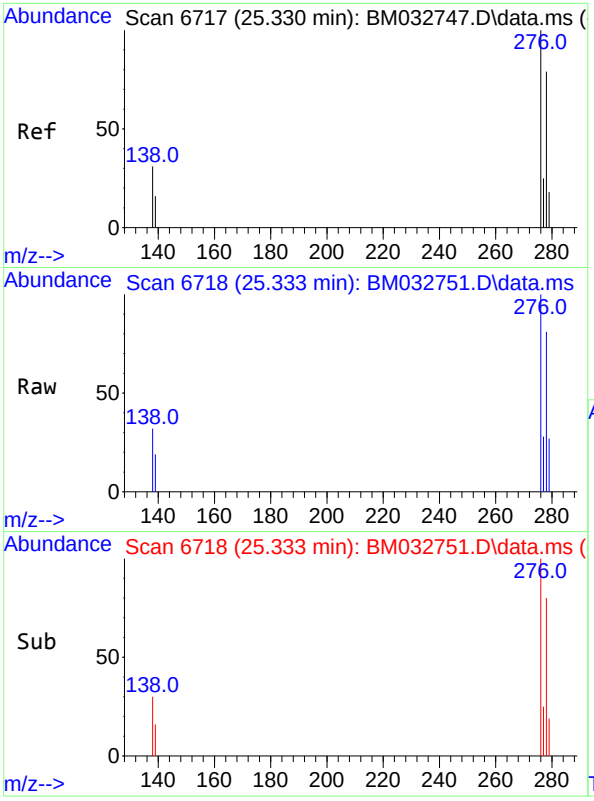


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.328 min Scan# 6716
Delta R.T. -0.012 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:276 Resp: 13475

Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.9	37.3
227	0.0	0.0	0.0

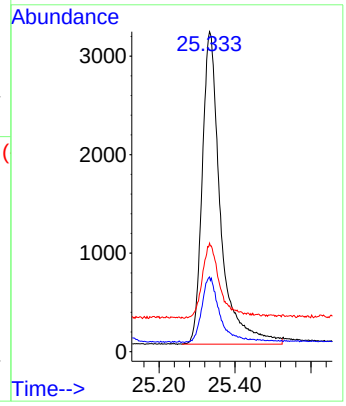




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.333 min Scan# 6718
Delta R.T. -0.012 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

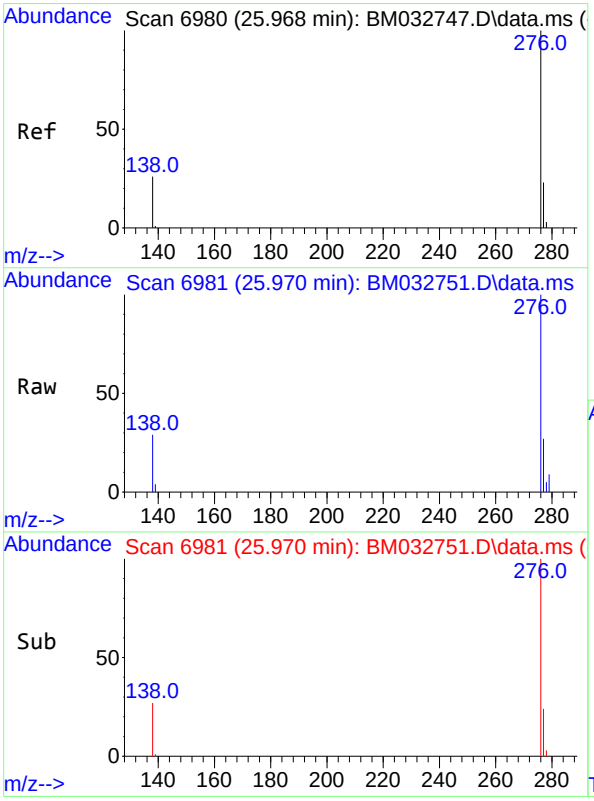
Tgt Ion:278 Resp: 10610

Ion	Ratio	Lower	Upper
278	100		
139	23.4	18.6	28.0
279	33.9	22.0	33.0#



Instrument :
BNA_M
ClientSampleId :
SLCS186

Manual Integrations APPROVED
mohammad
10/27/2021 11:47:33 AM



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 25.970 min Scan# 6981
Delta R.T. -0.010 min
Lab File: BM032751.D
Acq: 27 Oct 2021 05:51

Tgt Ion:276 Resp: 12829

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.6	33.8
277	26.5	19.9	29.9