Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032557.D
Acq On : 16 Oct 2021 10:47
Operator : CG/JU
Sample : M4029-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00S5

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:52 PM

Quant Time: Oct 18 05:28:42 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 : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	9504	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	28638	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	13587	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	23703	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	16093	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	16121	0.40	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	12327	1.16	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	6369	0.17	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	10309	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	1870	0.02	ng/ul#	88
7) 2-Methylnaphthalene	12.008	142	2398	0.04	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1471	0.03	ng/ul	99
15) Phenanthrene	16.988	178	7582	0.10	ng/ul	99
19) Fluoranthene	19.004	202	9654	0.12	ng/ul	100
20) Pyrene	19.366	202	10164	0.12	ng/ul	99
21) Benzo(a)anthracene	21.111	228	3517	0.06	ng/ul#	93
22) Chrysene	21.162	228	5488	0.08	ng/ul#	96
24) Benzo(b)fluoranthene	22.631	252	6983m	0.09	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	2509m	0.03	ng/ul	
26) Benzo(a)pyrene	23.167	252	4539	0.07	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.362	276	3628	0.05	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.362	278	1354	0.02	ng/ul#	27
29) Benzo(g,h,i)perylene	26.009	276	4534	0.07	ng/ul#	92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
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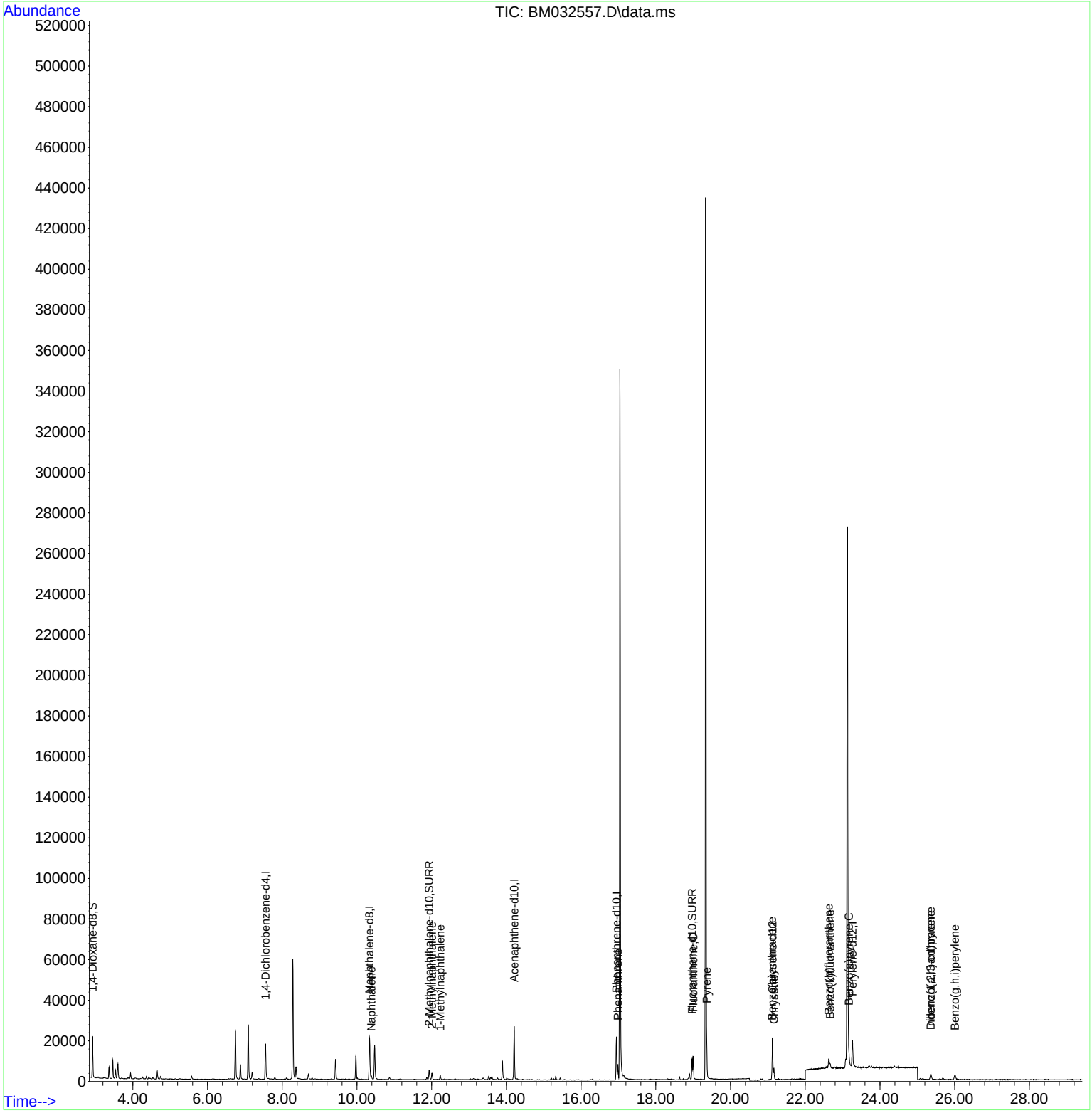
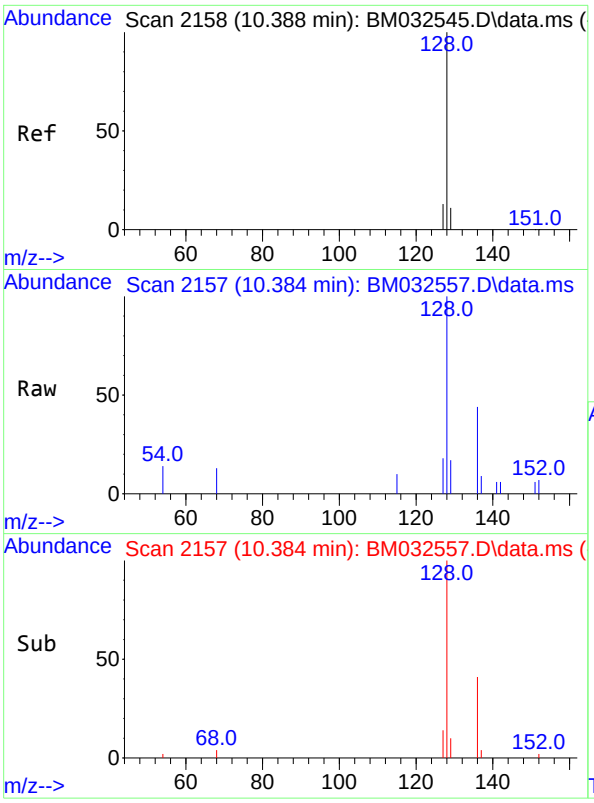
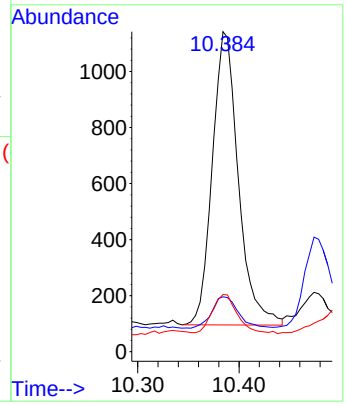




#5
Naphthalene
Concen: 0.02 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.009 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:128 Resp: 1870

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.1	13.7#
127	17.9	11.1	16.7#



Instrument :
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ClientSampleId :
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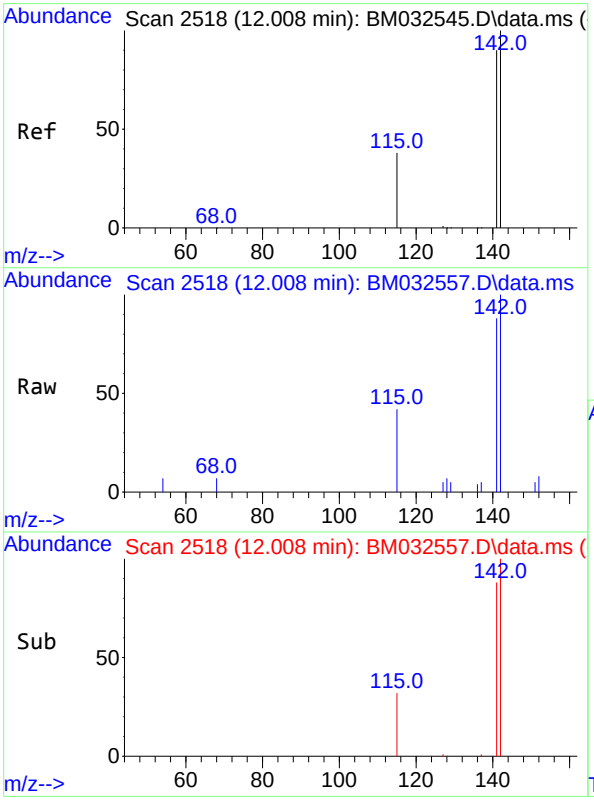
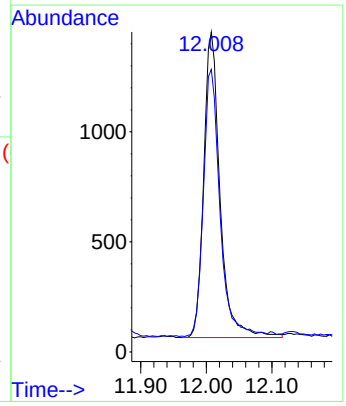
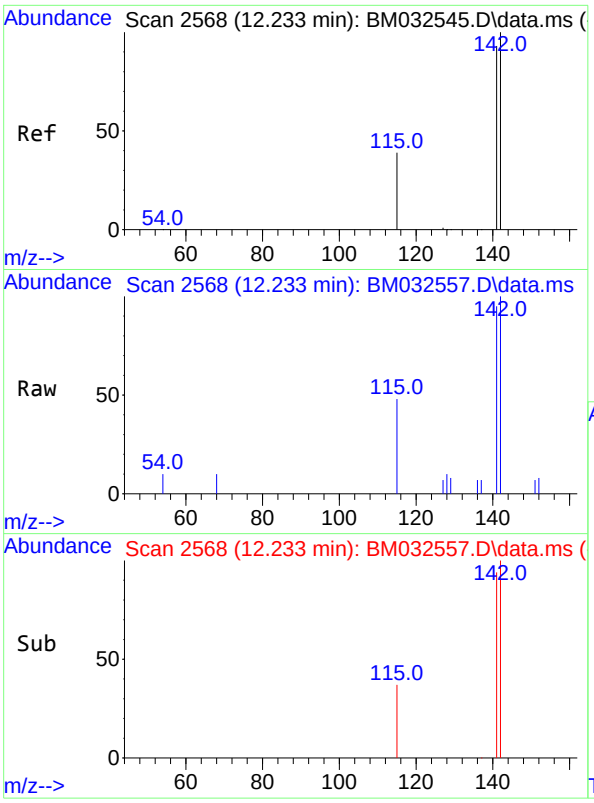


#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:142 Resp: 2398

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2

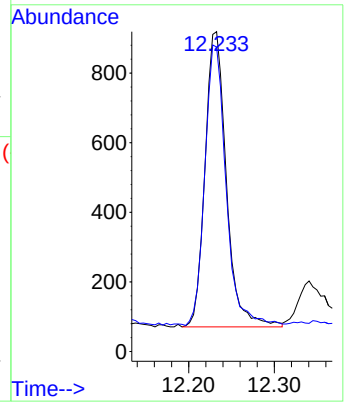




#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:142 Resp: 1471

Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.9	112.3



Instrument :
BNA_M
ClientSampleId :
C00S5

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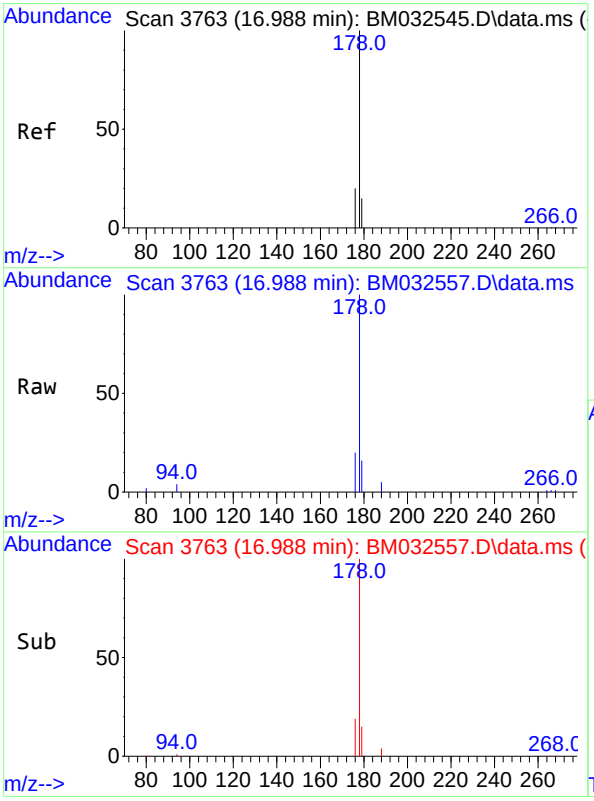
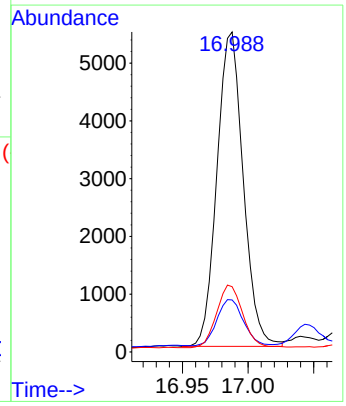
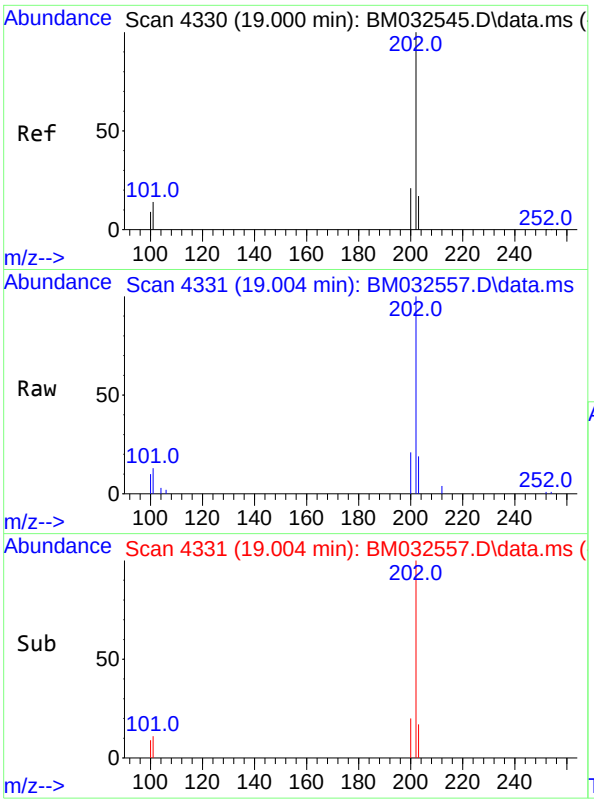


#15
Phenanthrene
Concen: 0.10 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:178 Resp: 7582

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.4	16.1	24.1

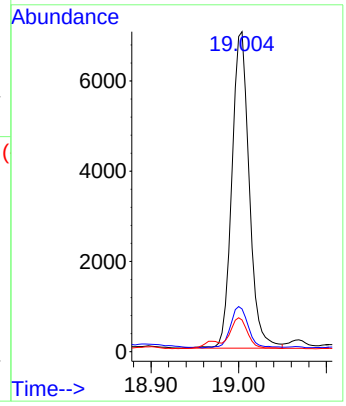


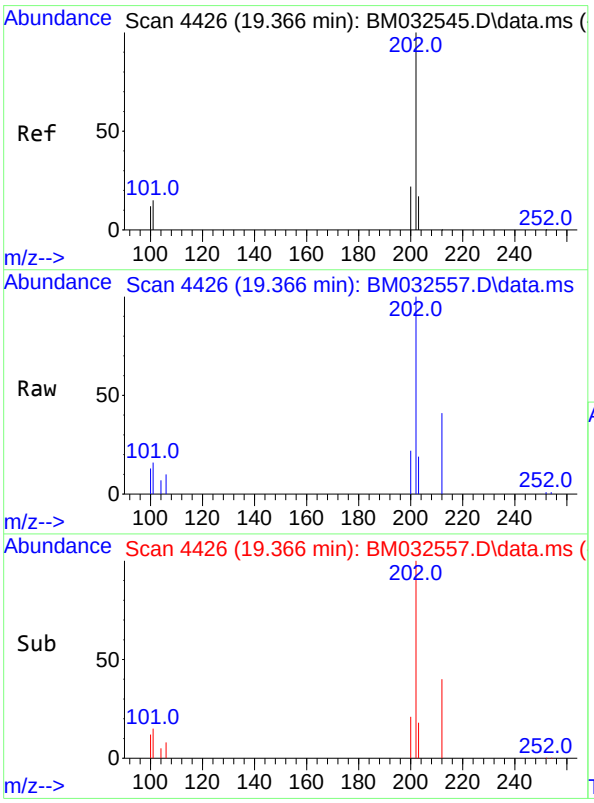


#19
Fluoranthene
Concen: 0.12 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:202 Resp: 9654

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	9.9	7.8	11.8

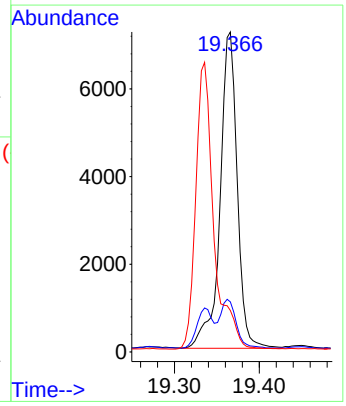




#20
Pyrene
Concen: 0.12 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:202 Resp: 10164

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.3	18.5
100	12.9	10.1	15.1



Instrument :
BNA_M
ClientSampleId :
C00S5

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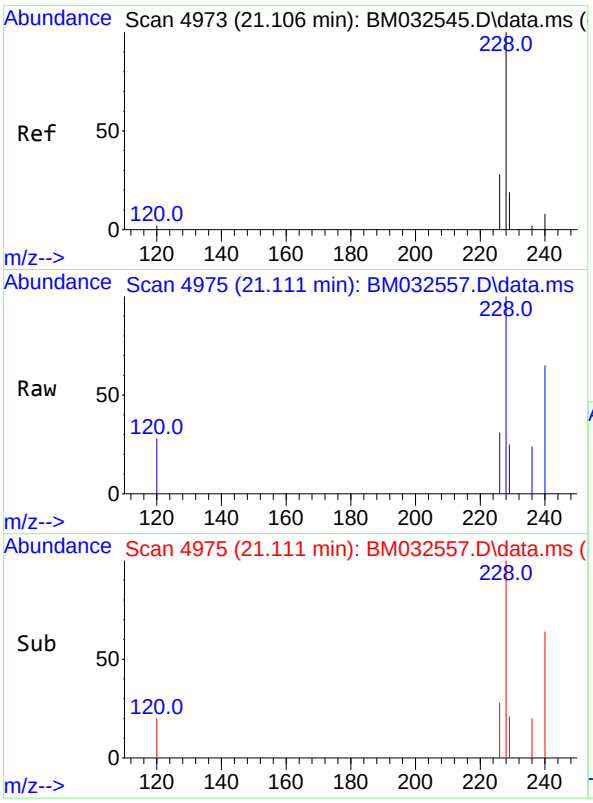
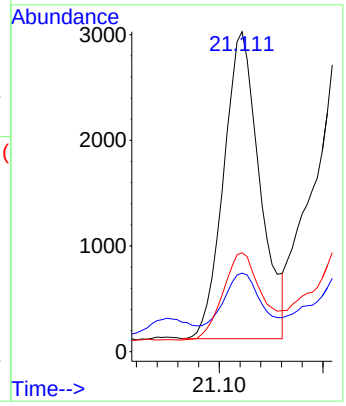


#21
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.111 min Scan# 4975
Delta R.T. -0.010 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:228 Resp: 3517

Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.9	23.9#
226	30.9	22.4	33.6



Instrument :
BNA_M
ClientSampleId :
C00S5

Manual Integrations APPROVED
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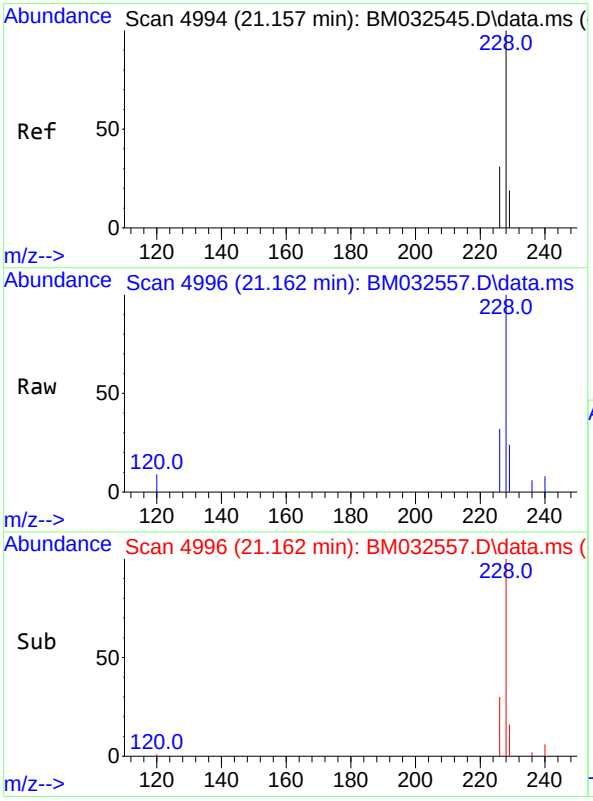
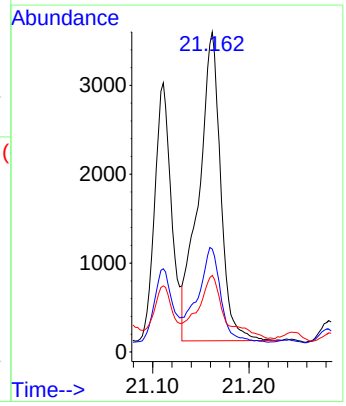
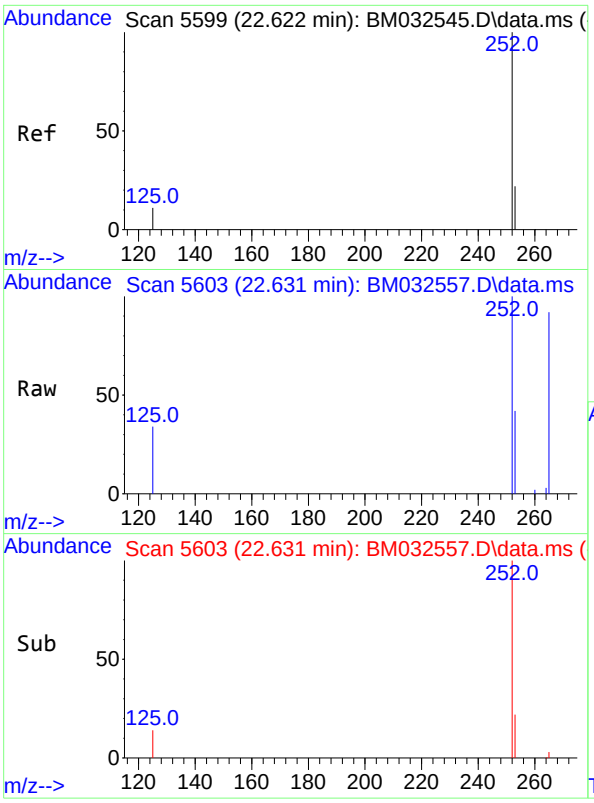


#22
Chrysene
Concen: 0.08 ng/ul
RT: 21.162 min Scan# 4996
Delta R.T. -0.010 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:228 Resp: 5488

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.1	37.7
229	23.9	15.7	23.5#

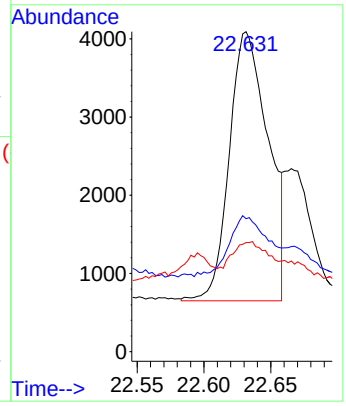


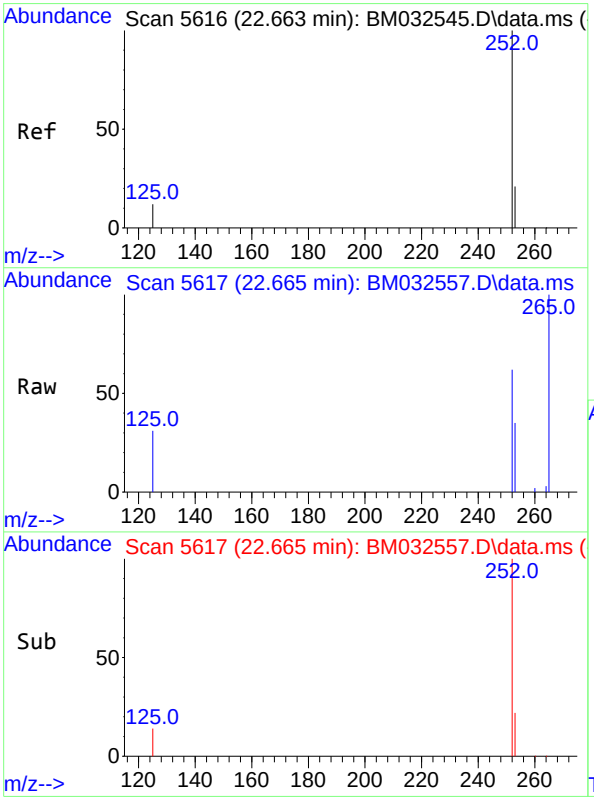


#24
Benzo(b)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.631 min Scan# 5603
Delta R.T. -0.012 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:252 Resp: 6983

Ion	Ratio	Lower	Upper
252	100		
253	41.5	0.0	53.8
125	34.1	0.0	35.6

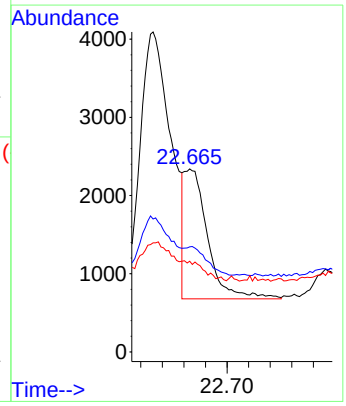




#25
Benzo(k)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.019 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:252 Resp: 2509

Ion	Ratio	Lower	Upper
252	100		
253	57.4	21.8	32.6#
125	49.5	14.4	21.6#



Instrument :
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ClientSampleId :
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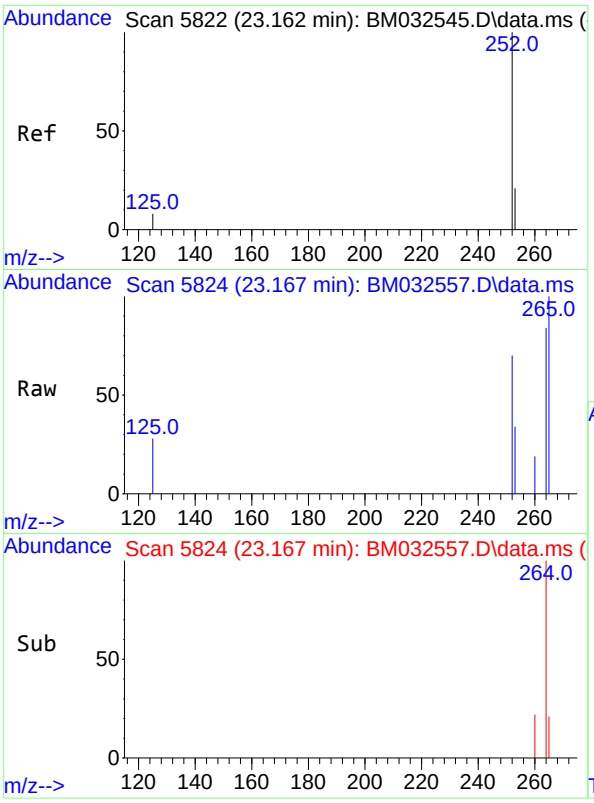
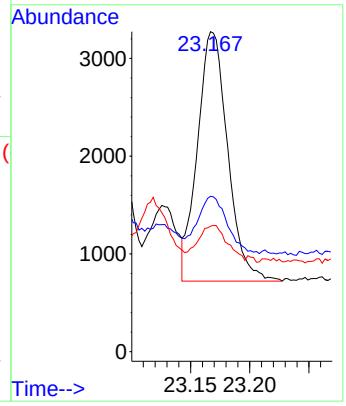


#26
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:252 Resp: 4539

Ion	Ratio	Lower	Upper
252	100		
253	48.5	23.6	35.4#
125	39.2	17.1	25.7#



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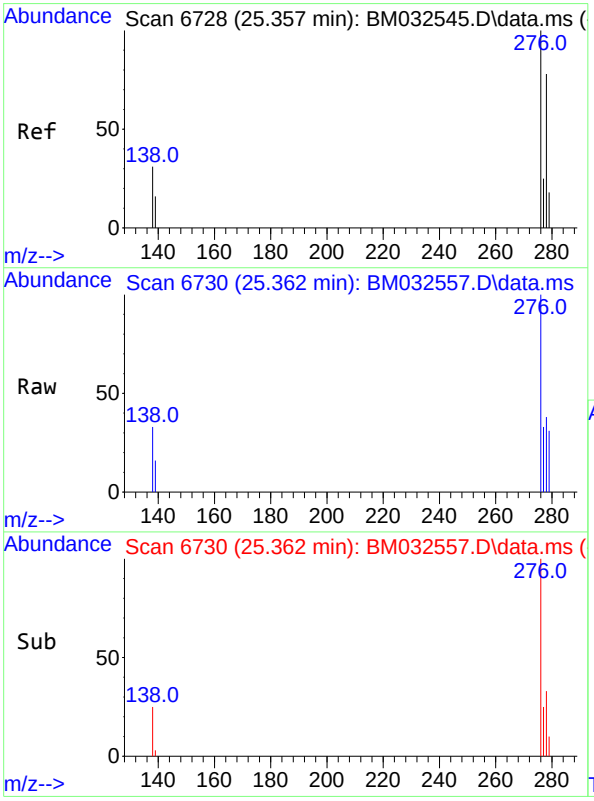
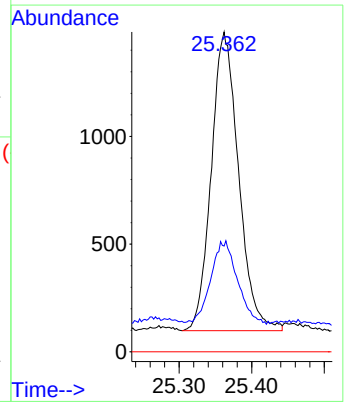
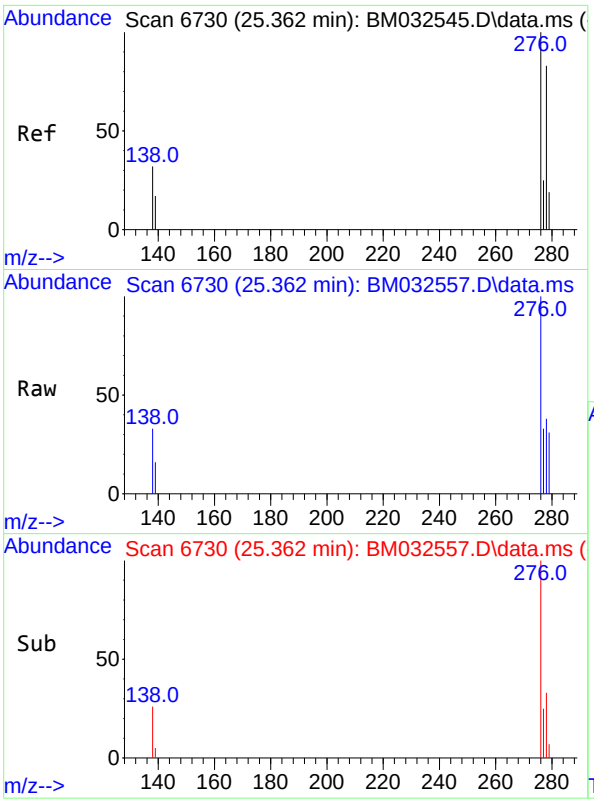


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.024 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:276 Resp: 3628

Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.9	37.3
227	0.0	0.0	0.0

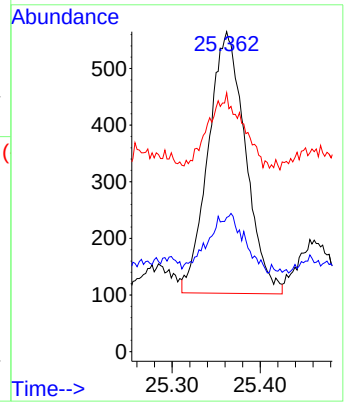




#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.031 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:278 Resp: 1354

Ion	Ratio	Lower	Upper
278	100		
139	41.9	18.6	28.0#
279	80.9	22.0	33.0#



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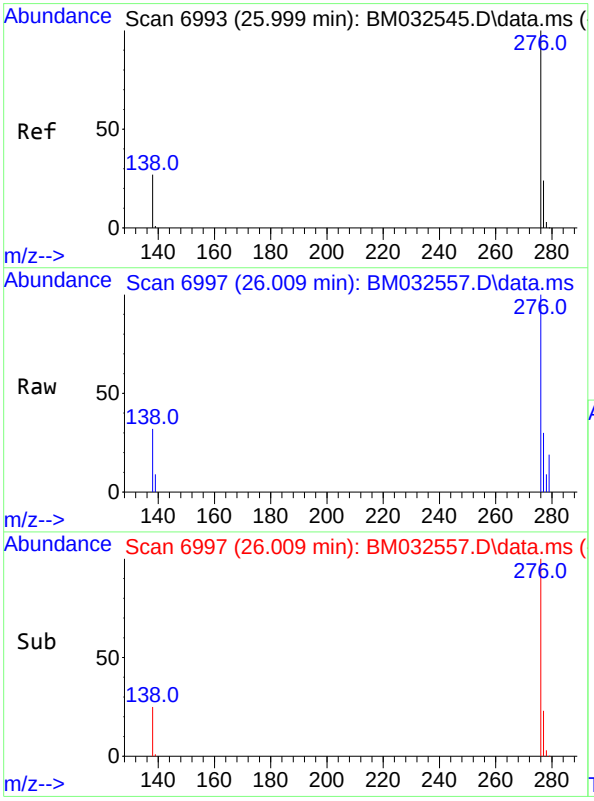

#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.009 min Scan# 6997
Delta R.T. -0.022 min
Lab File: BM032557.D
Acq: 16 Oct 2021 10:47

Tgt Ion:276 Resp: 4534

Ion	Ratio	Lower	Upper
276	100		
138	31.8	22.6	33.8
277	30.0	19.9	29.9#