Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032572.D
Acq On : 18 Oct 2021 14:19
Operator : CG/JU
Sample : M4181-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B16

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:37 PM

Quant Time: Oct 18 14:55:27 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 : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4462	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	13927	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6455	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	10987	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	7402	0.40	ng/ul	0.00
23) Perylene-d12	23.259	264	7609	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	19645	3.93	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4222	0.23	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	6023	0.26	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	3649	0.09	ng/ul#	94
7) 2-Methylnaphthalene	12.008	142	2926	0.11	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	2291	0.08	ng/ul	98
10) Acenaphthylene	13.928	152	1563	0.06	ng/ul#	86
15) Phenanthrene	16.984	178	10224	0.28	ng/ul	99
16) Anthracene	17.074	178	781m	0.02	ng/ul	
19) Fluoranthene	19.000	202	11594	0.32	ng/ul	98
20) Pyrene	19.362	202	6828	0.18	ng/ul	97
21) Benzo(a)anthracene	21.108	228	2626	0.09	ng/ul#	87
22) Chrysene	21.159	228	4654	0.15	ng/ul#	94
24) Benzo(b)fluoranthene	22.626	252	5926m	0.17	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	2676m	0.08	ng/ul	
26) Benzo(a)pyrene	23.164	252	1385	0.05	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.357	276	1647	0.05	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.352	278	625	0.02	ng/ul#	1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032572.D
Acq On : 18 Oct 2021 14:19
Operator : CG/JU
Sample : M4181-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 18 14:55:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
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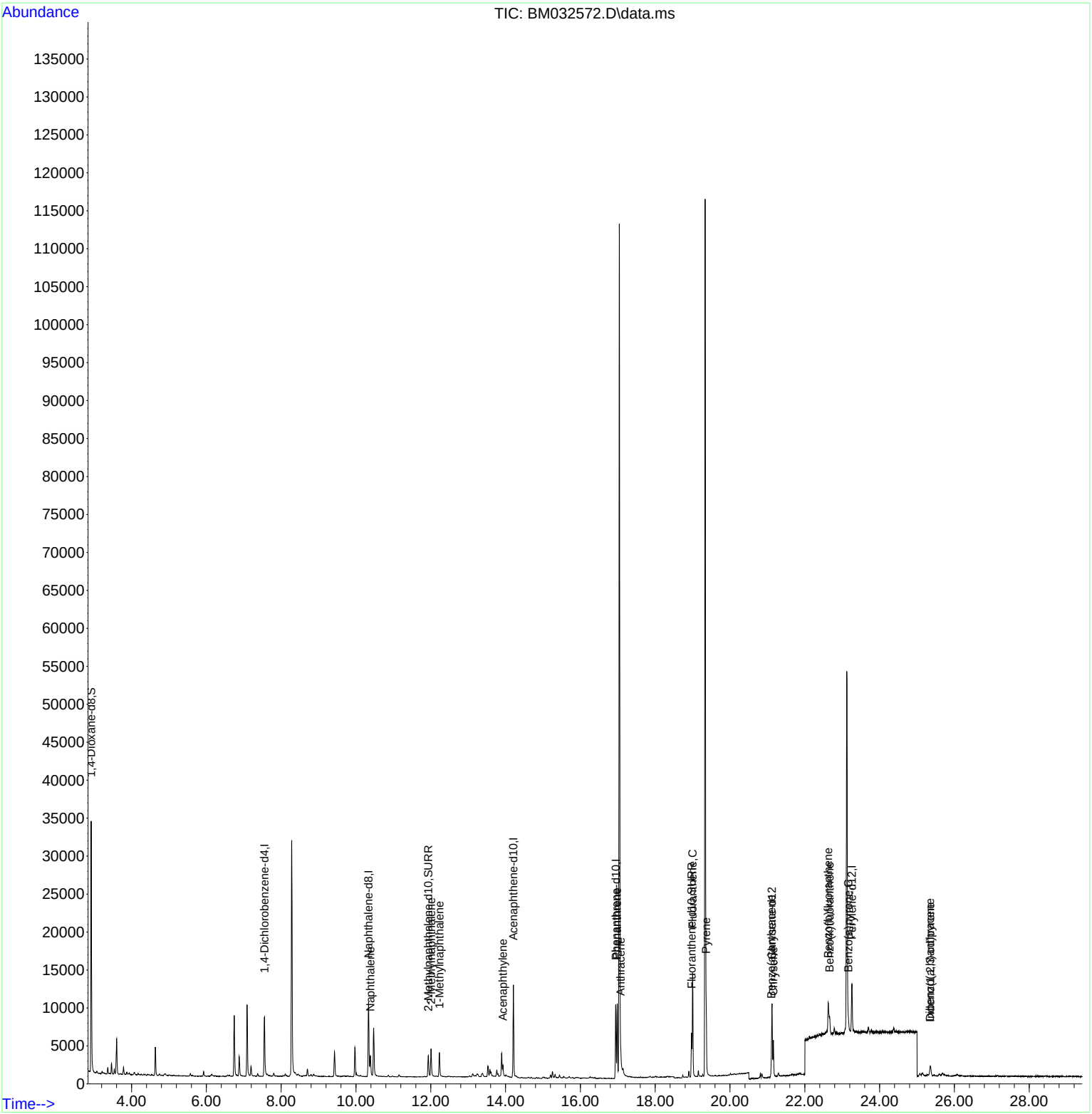
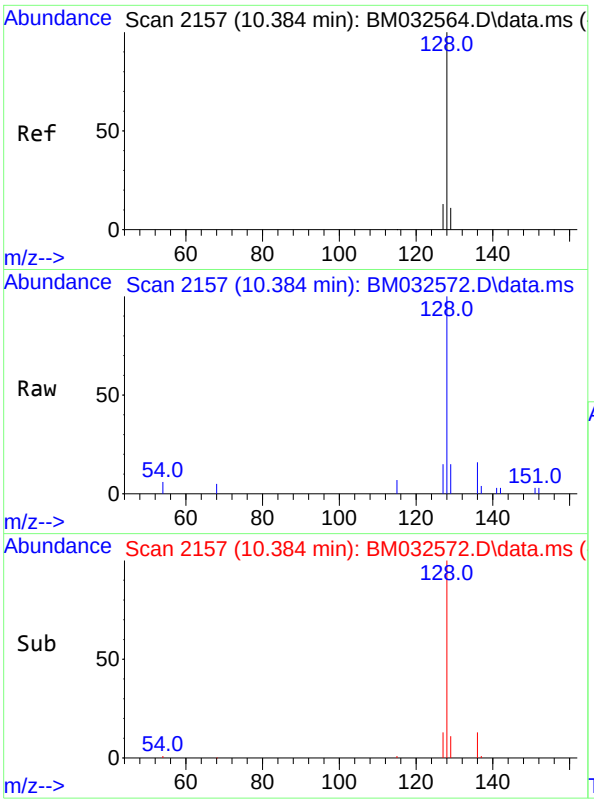
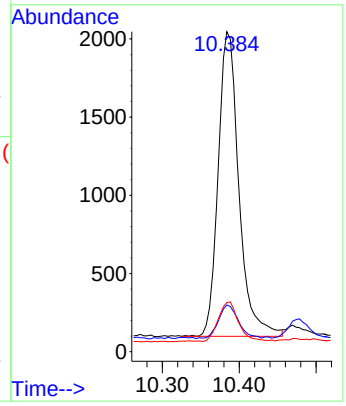




#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:128 Resp: 3649

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.1	13.7#
127	15.3	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
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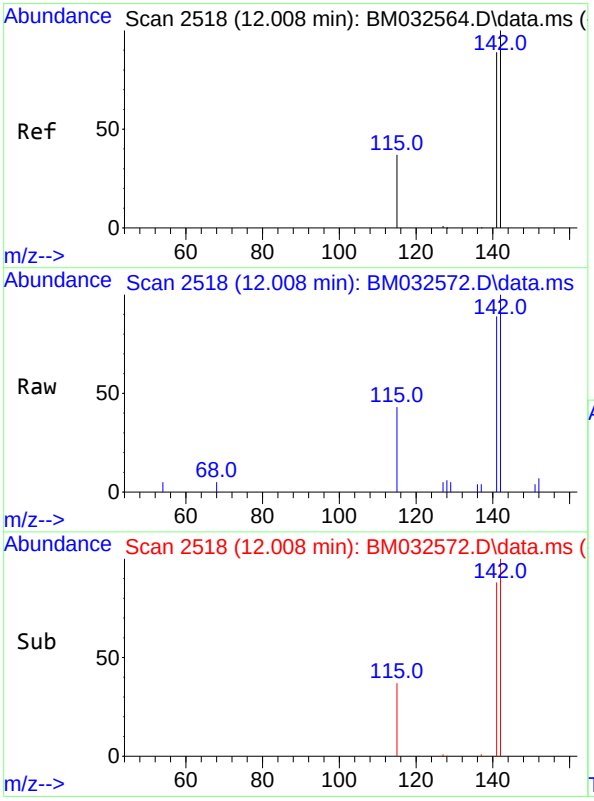
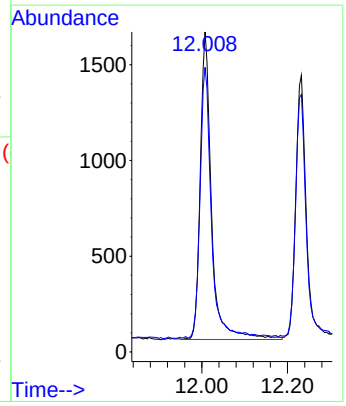
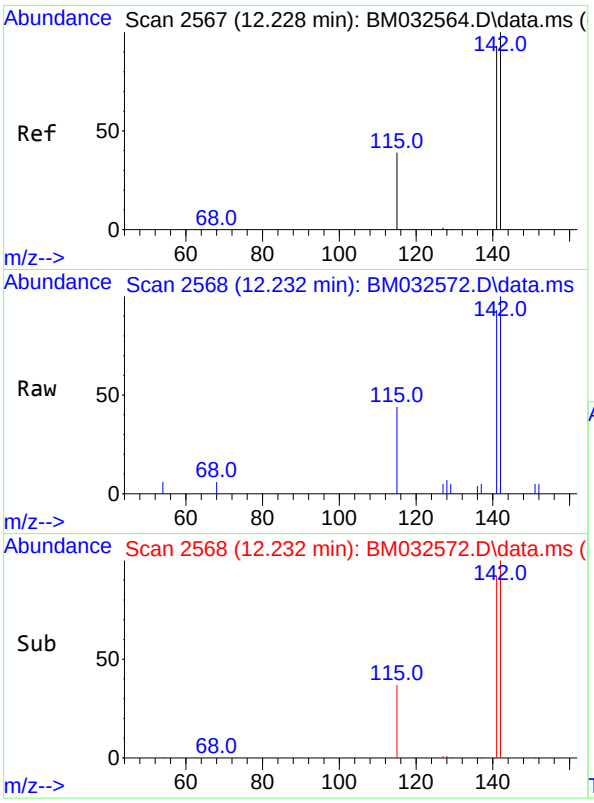


#7
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:142 Resp: 2926

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.2

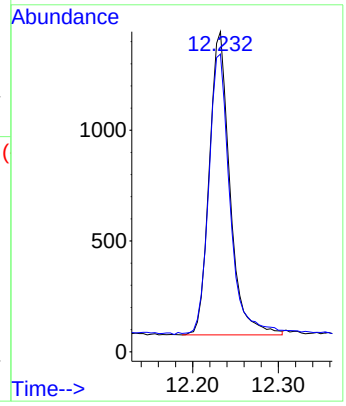




#8
1-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. 0.004 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:142 Resp: 2291

Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.9	112.3



Instrument :
BNA_M
ClientSampleId :
C0B16

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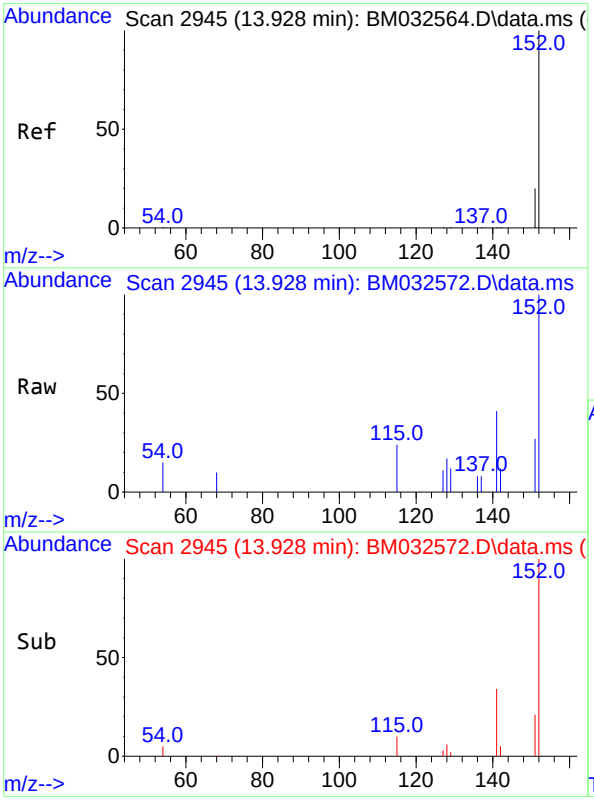
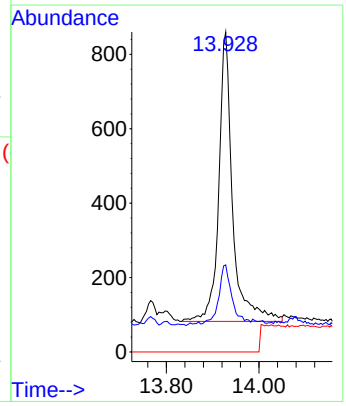
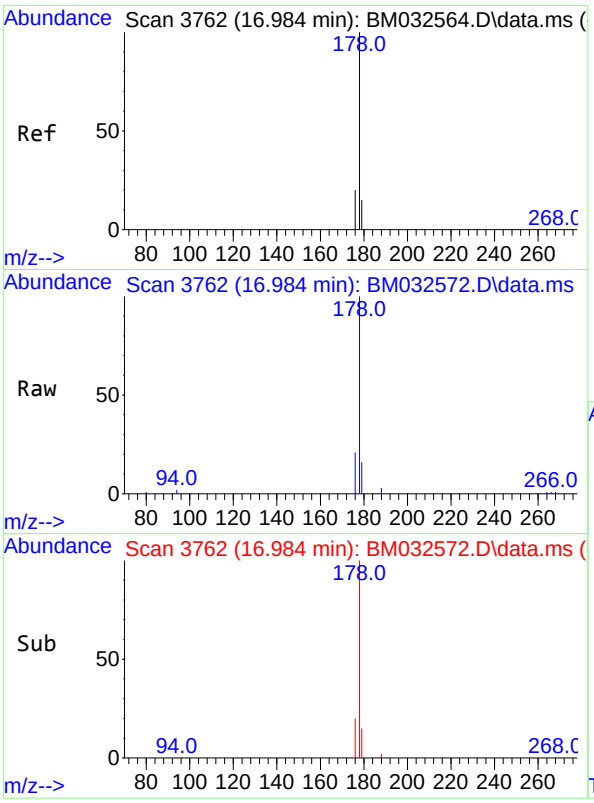


#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:152 Resp: 1563

Ion	Ratio	Lower	Upper
152	100		
151	27.2	16.7	25.1#
153	0.0	0.0	0.0

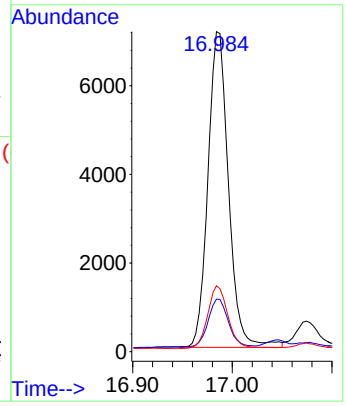




#15
Phenanthrene
Concen: 0.28 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:178 Resp: 10224

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.6	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B16

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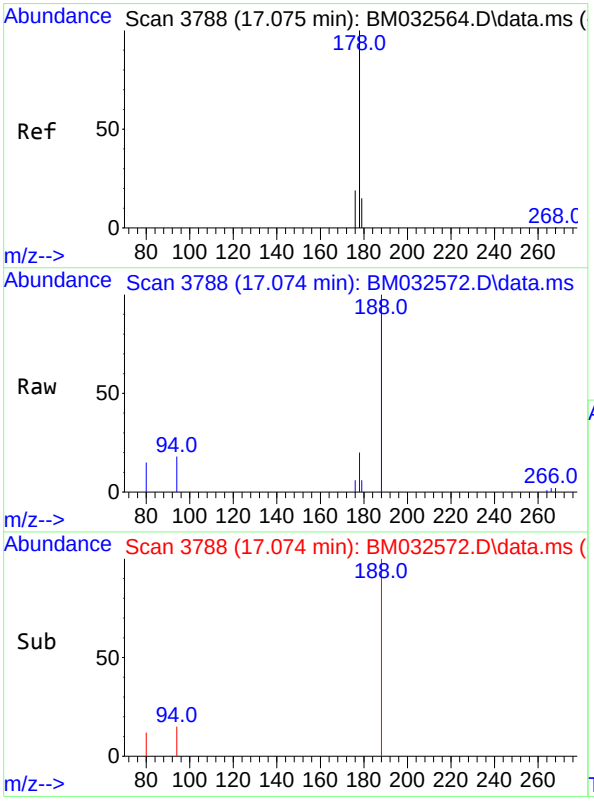
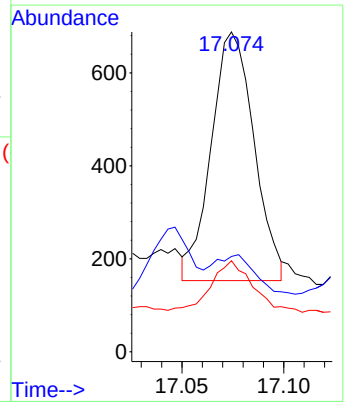
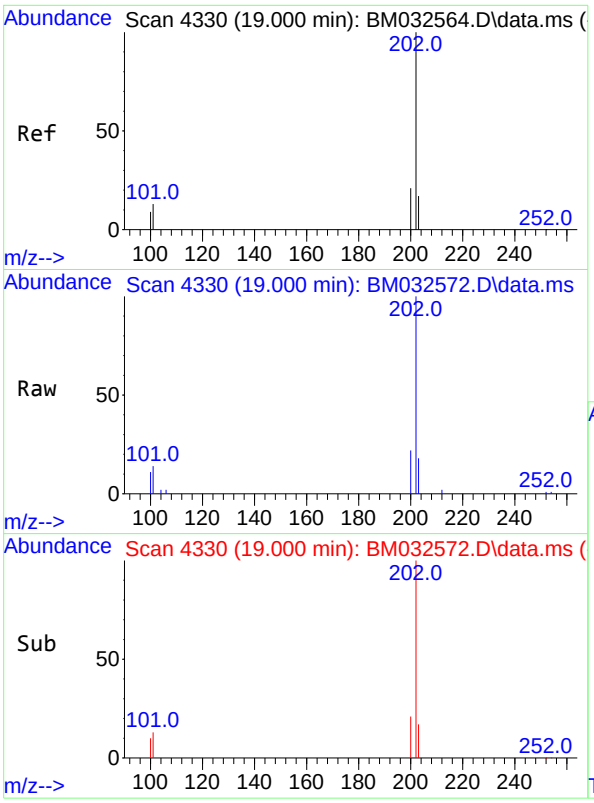


#16
Anthracene
Concen: 0.02 ng/ul m
RT: 17.074 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:178 Resp: 781

Ion	Ratio	Lower	Upper
178	100		
179	29.8	12.9	19.3#
176	28.5	15.8	23.6#

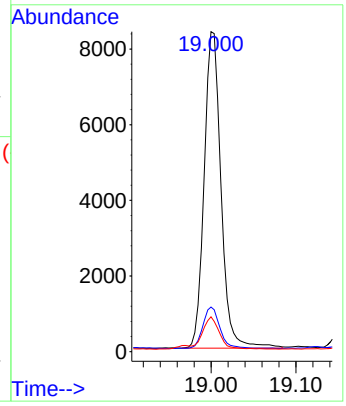




#19
Fluoranthene
Concen: 0.32 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:202 Resp: 11594

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	10.9	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
C0B16

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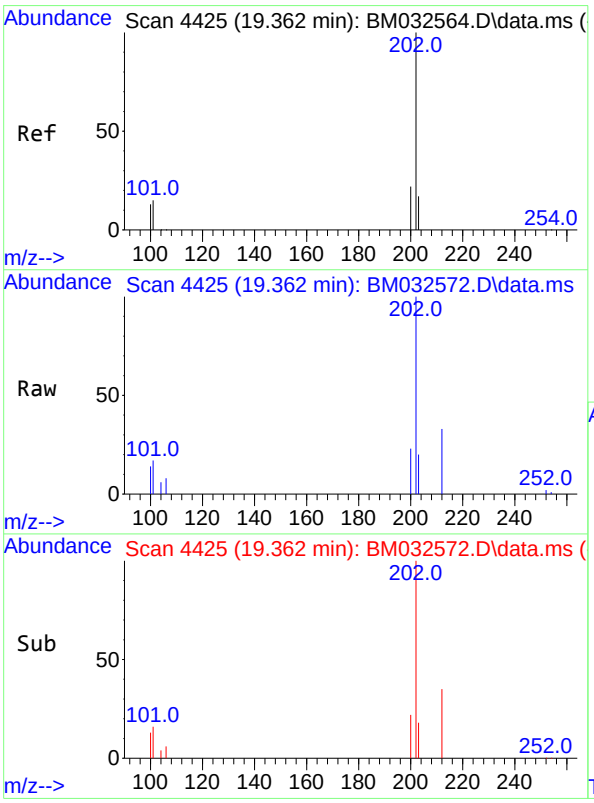
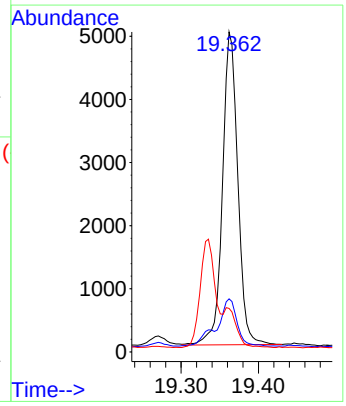
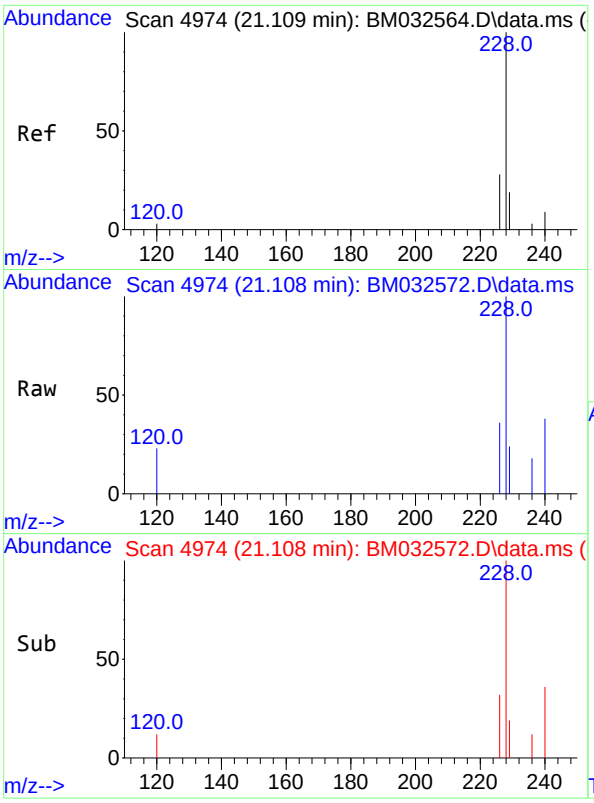


#20
Pyrene
Concen: 0.18 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:202 Resp: 6828

Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.3	18.5
100	13.6	10.1	15.1

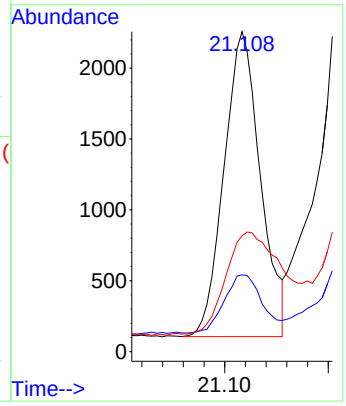


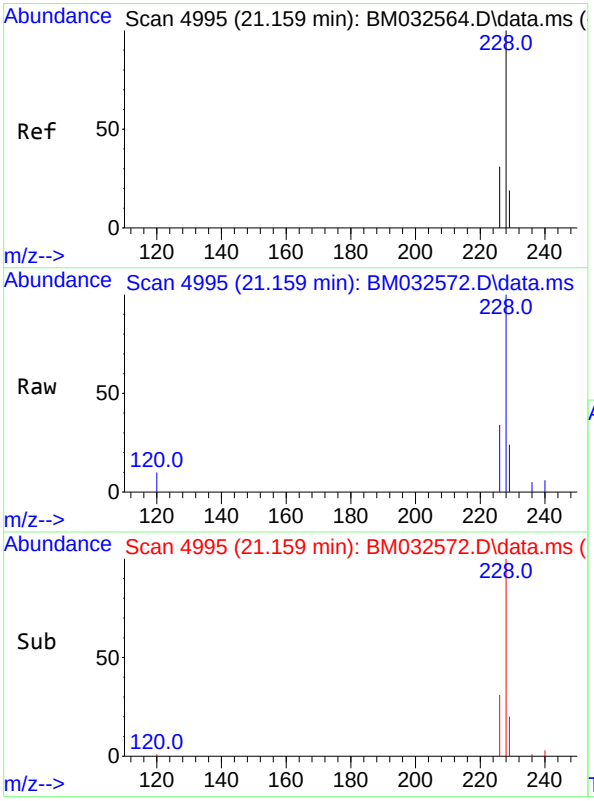


#21
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:228 Resp: 2626

Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.9	23.9#
226	36.2	22.4	33.6#

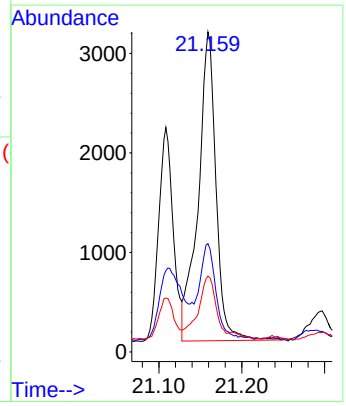




#22
Chrysene
Concen: 0.15 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:228 Resp: 4654

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.1	37.7
229	23.7	15.7	23.5#



Instrument :
BNA_M
ClientSampleId :
C0B16

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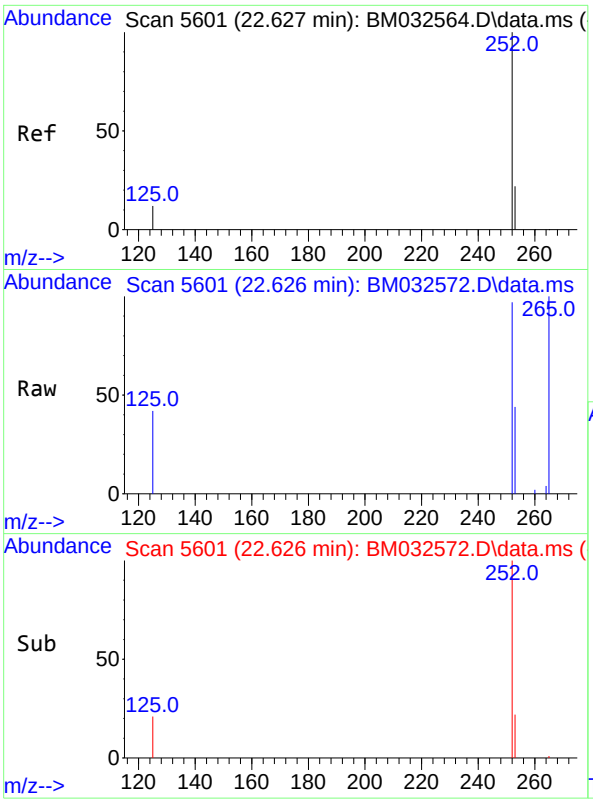
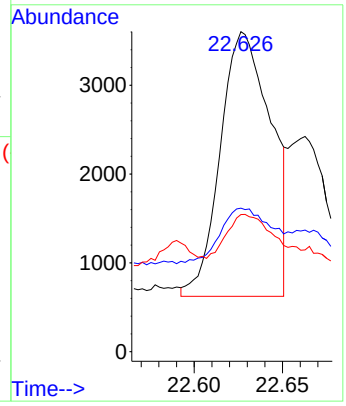
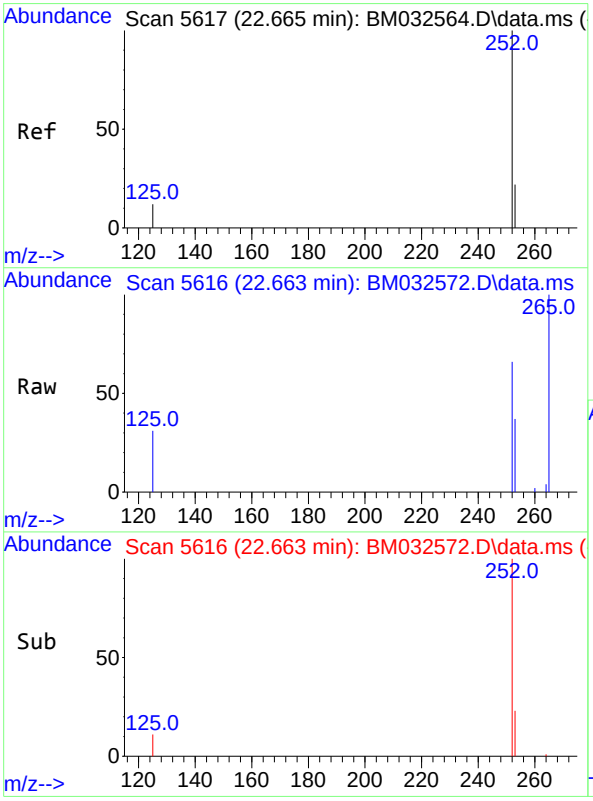


#24
Benzo(b)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:252 Resp: 5926

Ion	Ratio	Lower	Upper
252	100		
253	44.9	0.0	53.8
125	42.9	0.0	35.6#

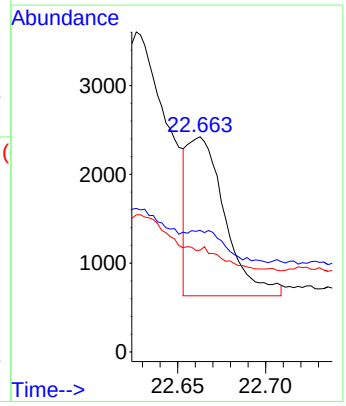




#25
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.003 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:252 Resp: 2676

Ion	Ratio	Lower	Upper
252	100		
253	56.5	21.8	32.6#
125	47.3	14.4	21.6#



Instrument :
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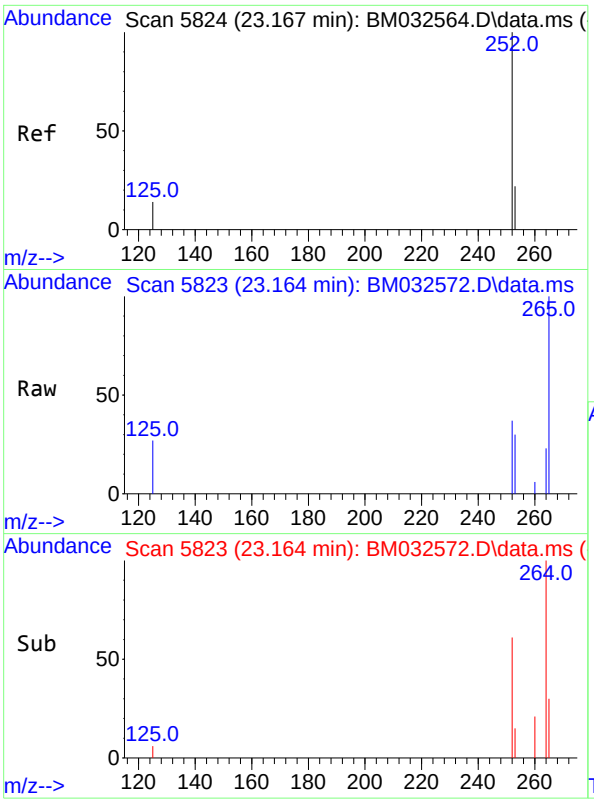
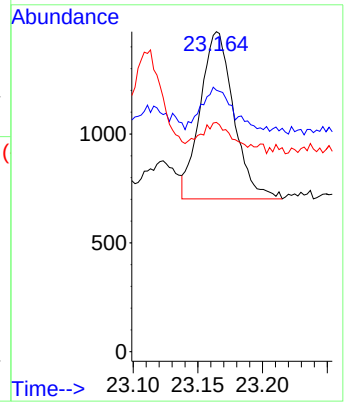
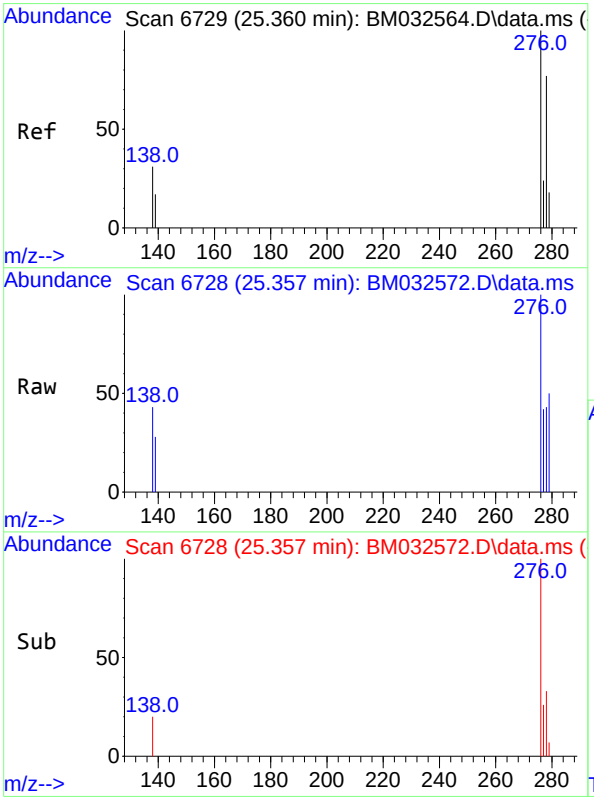


#26
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.003 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:252 Resp: 1385

Ion	Ratio	Lower	Upper
252	100		
253	81.7	23.6	35.4#
125	71.6	17.1	25.7#

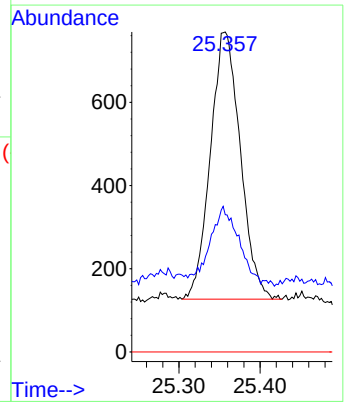




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.003 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:276 Resp: 1647

Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.9	37.3
227	0.0	0.0	0.0



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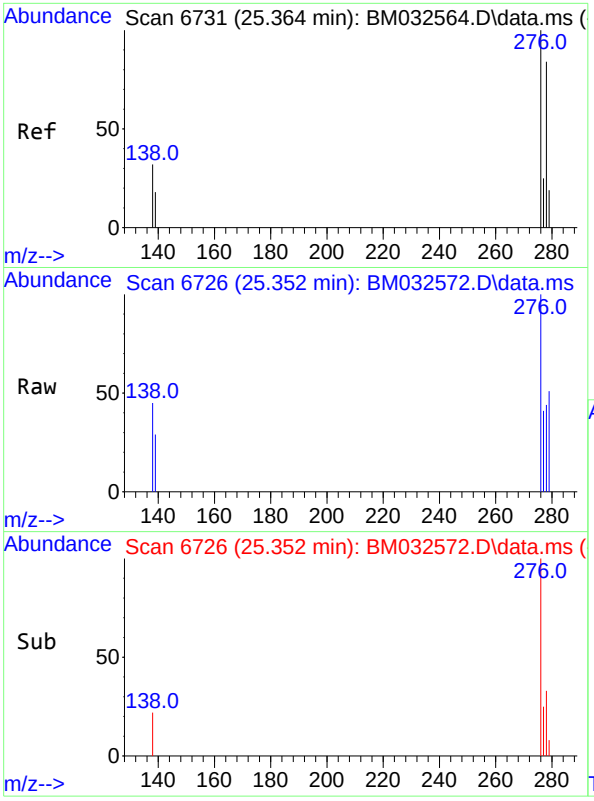
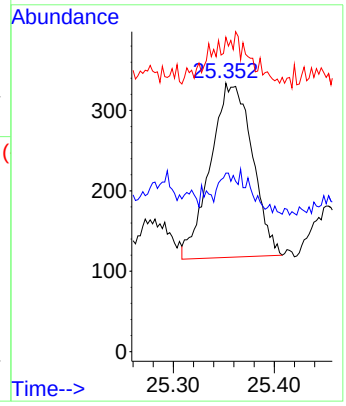


#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.352 min Scan# 6726
Delta R.T. -0.012 min
Lab File: BM032572.D
Acq: 18 Oct 2021 14:19

Tgt Ion:278 Resp: 625

Ion	Ratio	Lower	Upper
278	100		
139	66.5	18.6	28.0#
279	117.1	22.0	33.0#



Instrument :
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ClientSampleId :
C0B16

Manual Integrations APPROVED
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