Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033805.D
Acq On : 21 Jan 2022 01:30
Operator : CG/JU
Sample : N1199-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 21 03:13:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0F17

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4120	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	15774	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	13064	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.327	188	18587	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.482	240	9389	0.400	ng/ul	# 0.00
23) Perylene-d12	23.883	264	8831	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	20295	4.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	7704	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	14640	0.503	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.810	128	116355	2.546	ng/ul#	89
7) 2-Methylnaphthalene	12.420	142	2425	0.083	ng/ul#	79
8) 1-Methylnaphthalene	12.641	142	216060	7.497	ng/ul	99
10) Acenaphthylene	14.307	152	13175	0.218	ng/ul#	57
11) Acenaphthene	14.648	153	38130	0.792	ng/ul	96
12) Fluorene	15.630	166	127183	2.207	ng/ul	97
14) Pentachlorophenol	17.014	266	13772674	1877.707	ng/ul	98
15) Phenanthrene	17.368	178	222274	3.693	ng/ul	94
16) Anthracene	17.458	178	34481	0.624	ng/ul	95
19) Fluoranthene	19.369	202	6614	0.150	ng/ul#	79
20) Pyrene	19.731	202	8573m	0.192	ng/ul	
21) Benzo(a)anthracene	21.465	228	884	0.023	ng/ul#	40
24) Benzo(b)fluoranthene	23.149	252	1005	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	27.158	276	846	0.022	ng/ul#	1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033805.D
Acq On : 21 Jan 2022 01:30
Operator : CG/JU
Sample : N1199-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 21 03:13:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0F17

Manual Integrations APPROVED

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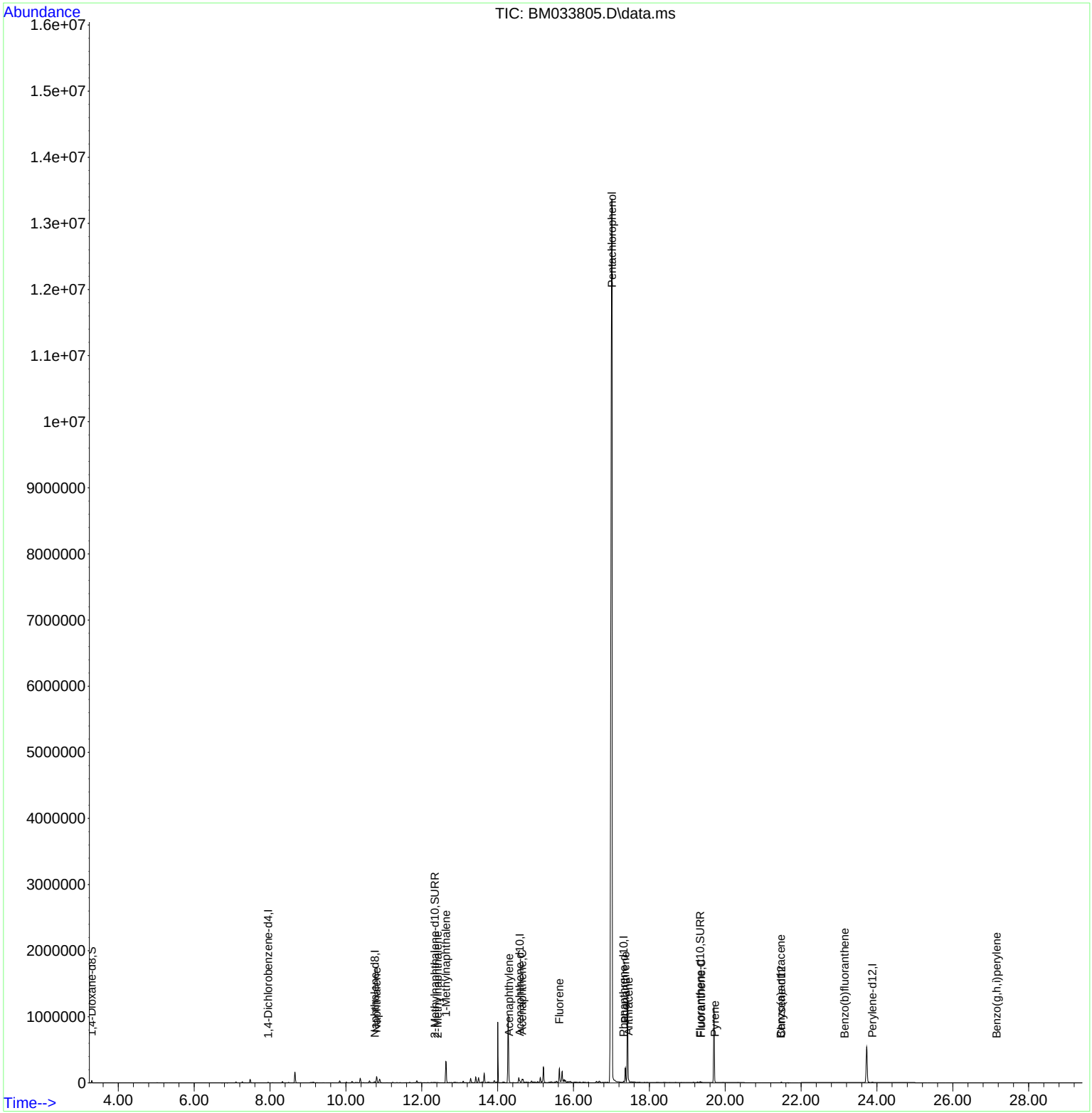

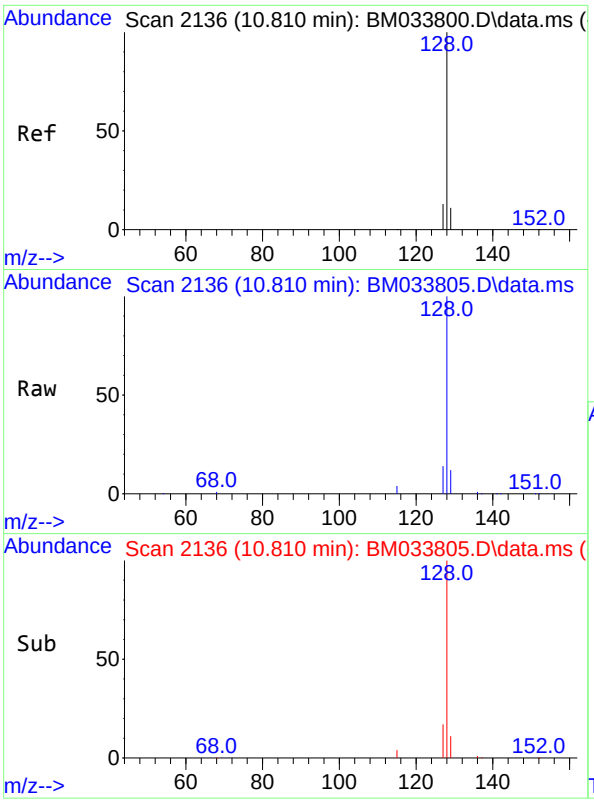

#5
Naphthalene
Concen: 2.546 ng/ul
RT: 10.810 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:128 Resp: 11635

Ion	Ratio	Lower	Upper
128	100		
129	12.4	13.4	20.2#
127	13.7	15.2	22.8#

Instrument :
BNA_M
ClientSampleId :
C0F17

Manual Integrations
APPROVED

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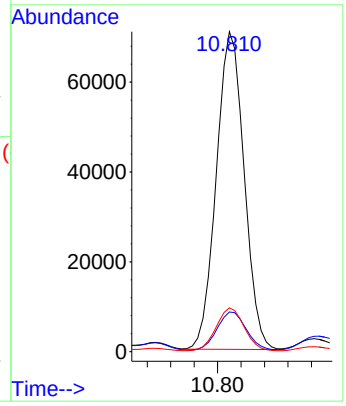
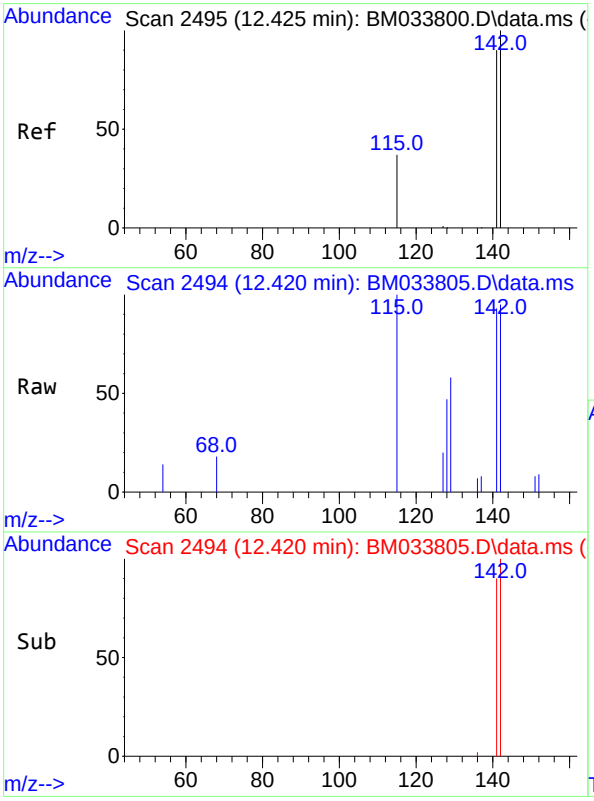
Supervised By :mohammad ahmed 01/27/2022

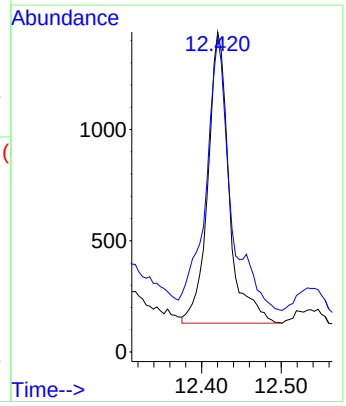


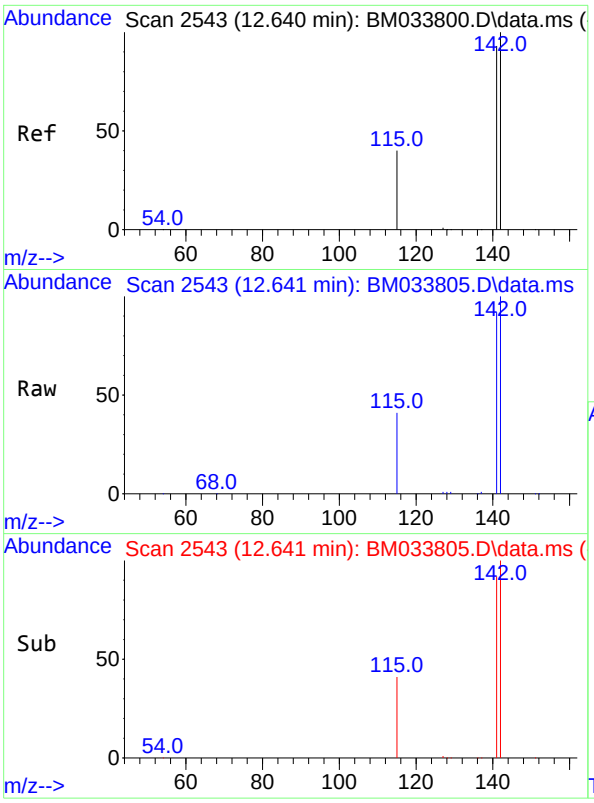


#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:142 Resp: 2425

Ion	Ratio	Lower	Upper
142	100		
141	109.4	71.8	107.6#





#8
1-Methylnaphthalene
Concen: 7.497 ng/ul
RT: 12.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:142 Resp: 21606

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.0	112.4

Instrument :
BNA_M
ClientSampleId :
C0F17

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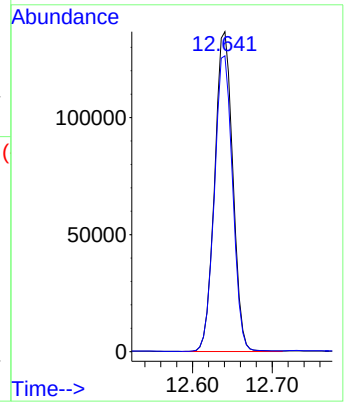
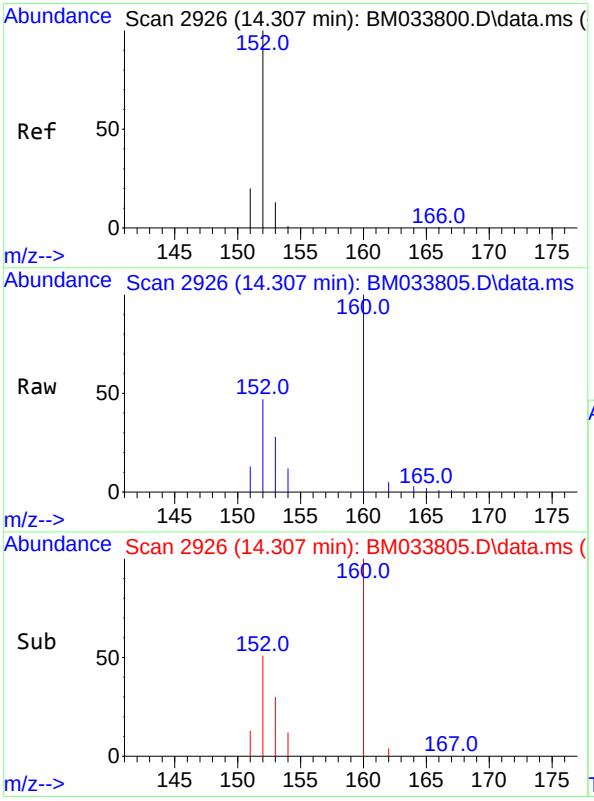
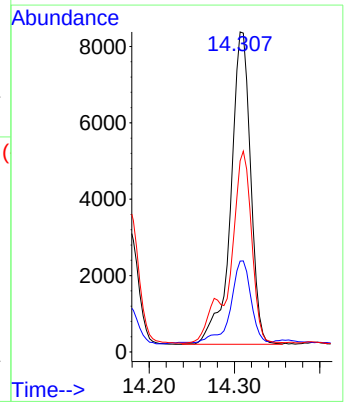


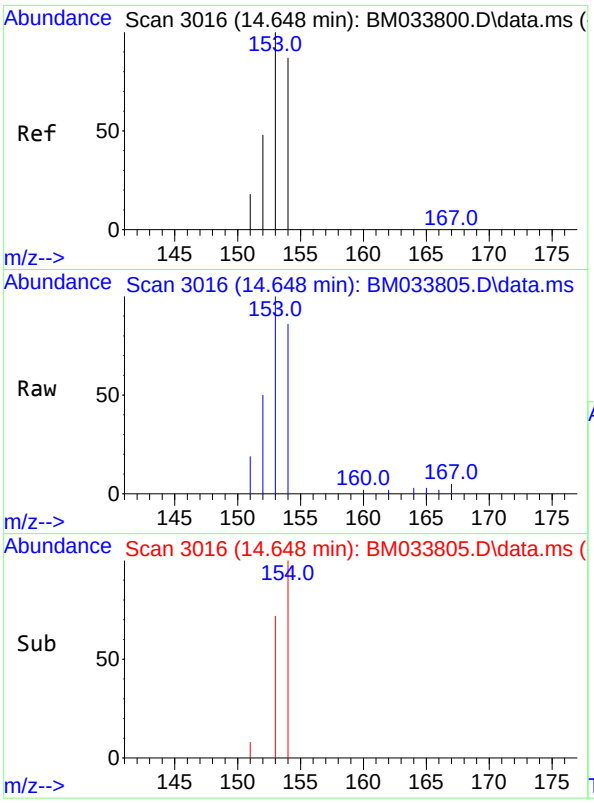


#10
Acenaphthylene
Concen: 0.218 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:152 Resp: 13175

Ion	Ratio	Lower	Upper
152	100		
151	28.4	19.9	29.9
153	59.7	15.0	22.4#

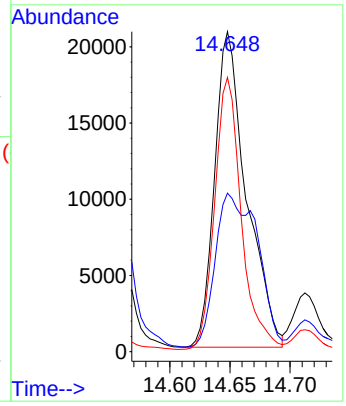




#11
Acenaphthene
Concen: 0.792 ng/ul
RT: 14.648 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:153 Resp: 3813

Ion	Ratio	Lower	Upper
153	100		
152	49.6	42.4	63.6
154	85.7	66.2	99.2



Instrument :
BNA_M
ClientSampleId :
C0F17

Manual Integrations
APPROVED

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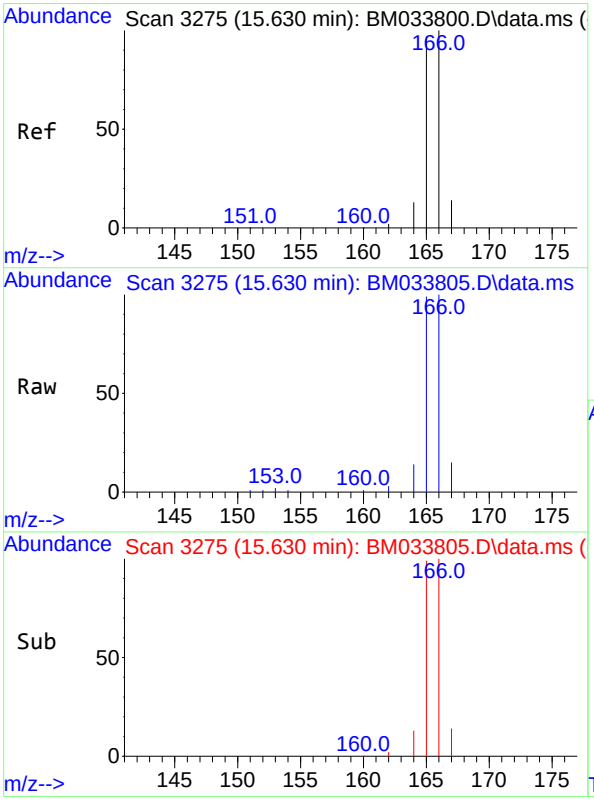
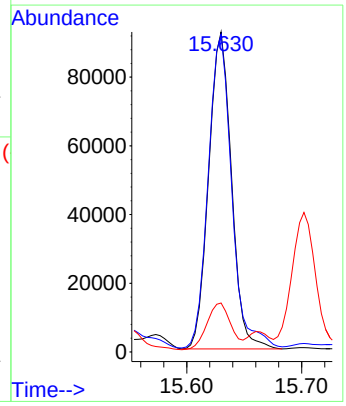
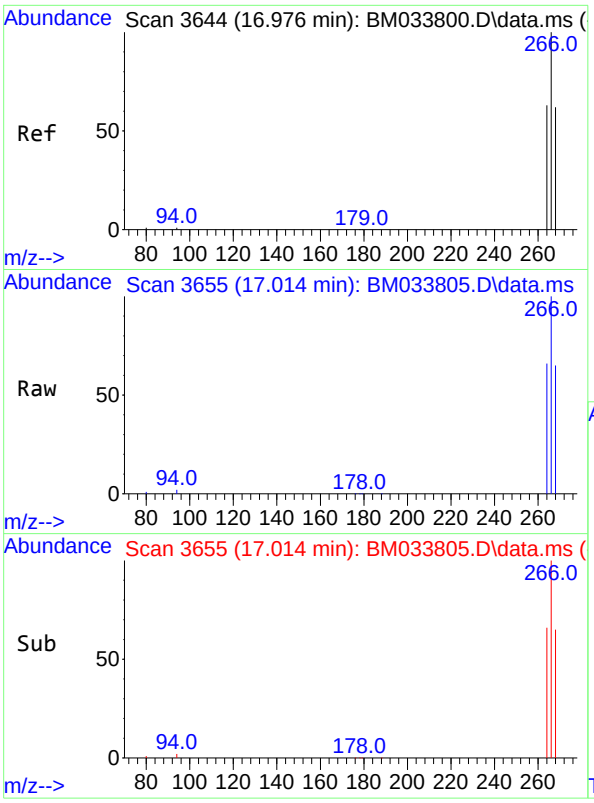


#12
Fluorene
Concen: 2.207 ng/ul
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:166 Resp: 127183

Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.1	121.7
167	15.3	14.9	22.3

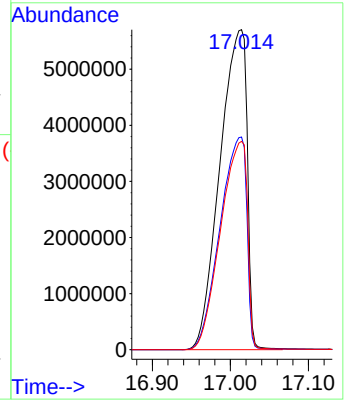




#14
Pentachlorophenol
Concen: 1877.707 ng/ul
RT: 17.014 min Scan# 3
Delta R.T. 0.038 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:266 Resp:1377267

Ion	Ratio	Lower	Upper
266	100		
264	65.5	51.4	77.0
268	64.4	53.1	79.7



Instrument :
BNA_M
ClientSampleId :
C0F17

Manual Integrations
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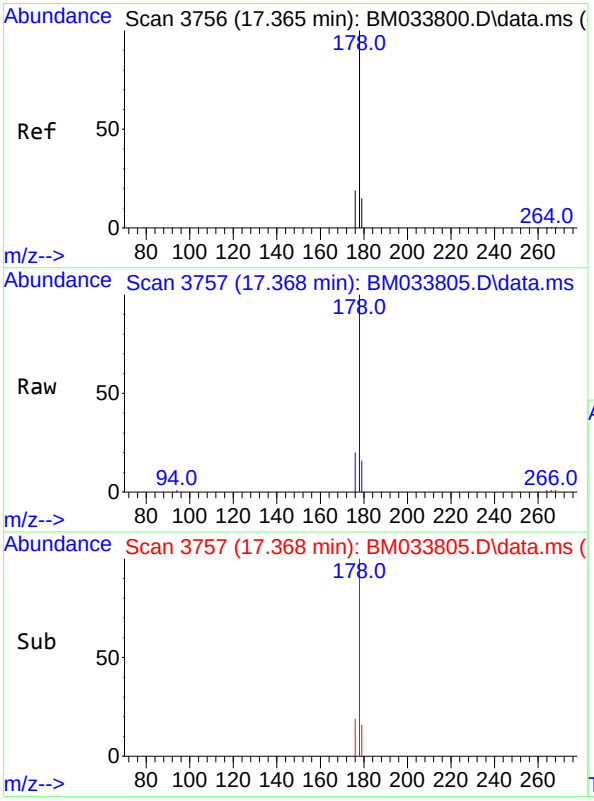
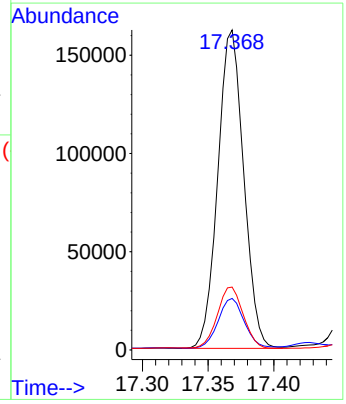
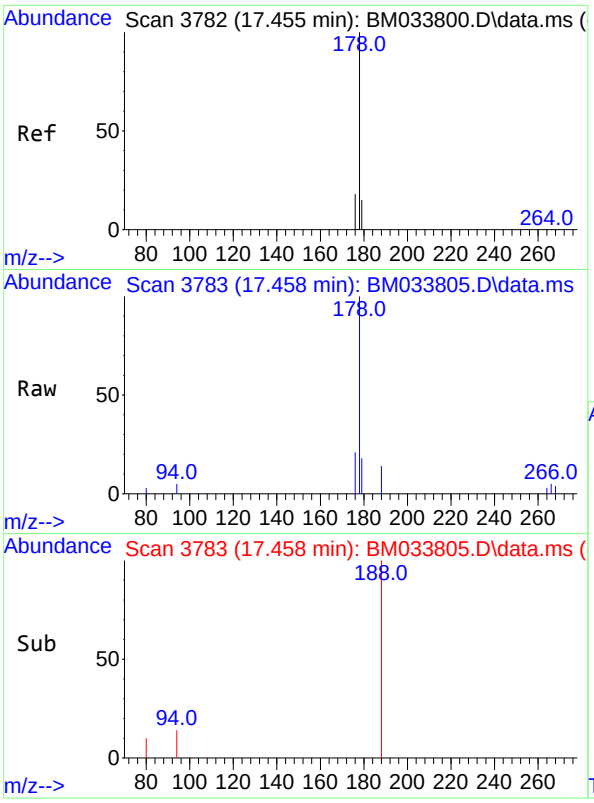


#15
Phenanthrene
Concen: 3.693 ng/ul
RT: 17.368 min Scan# 3757
Delta R.T. 0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:178 Resp: 222274

Ion	Ratio	Lower	Upper
178	100		
179	16.1	15.0	22.6
176	19.6	17.9	26.9

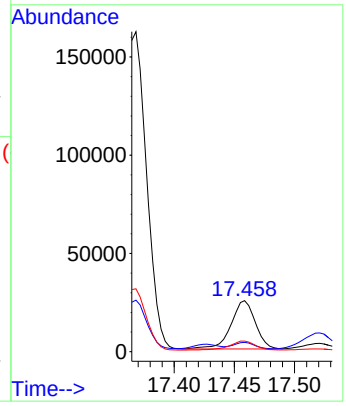




#16
Anthracene
Concen: 0.624 ng/ul
RT: 17.458 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:178 Resp: 3448

Ion	Ratio	Lower	Upper
178	100		
179	18.1	16.5	24.7
176	20.8	18.3	27.5



Instrument :
BNA_M
ClientSampleId :
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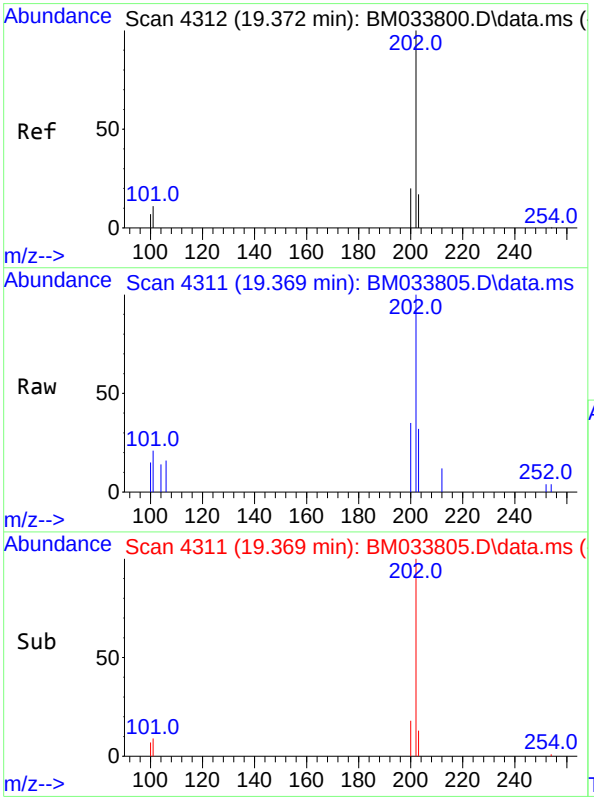
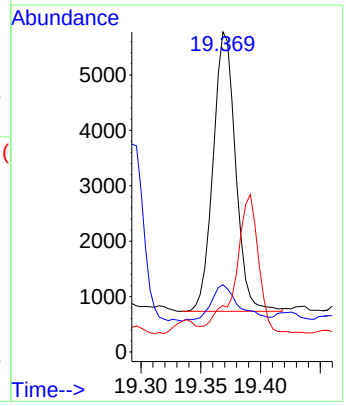
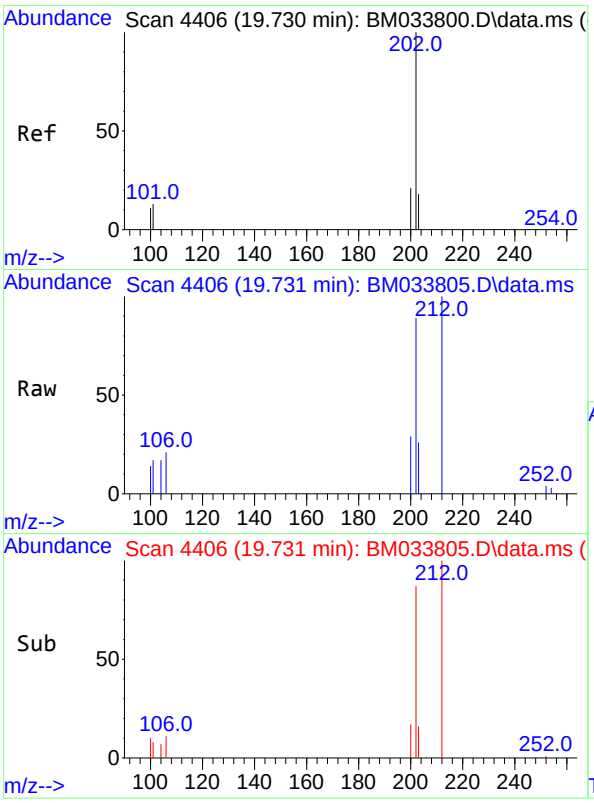


#19
Fluoranthene
Concen: 0.150 ng/ul
RT: 19.369 min Scan# 4311
Delta R.T. -0.003 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:202 Resp: 6614

Ion	Ratio	Lower	Upper
202	100		
101	21.1	9.2	13.8#
100	14.5	7.2	10.8#





#20
Pyrene
Concen: 0.192 ng/ul m
RT: 19.731 min Scan# 44
Delta R.T. -0.003 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:202 Resp: 857

Ion	Ratio	Lower	Upper
202	100		
101	19.0	9.3	13.9#
100	15.5	7.8	11.6#

Instrument :
BNA_M
ClientSampleId :
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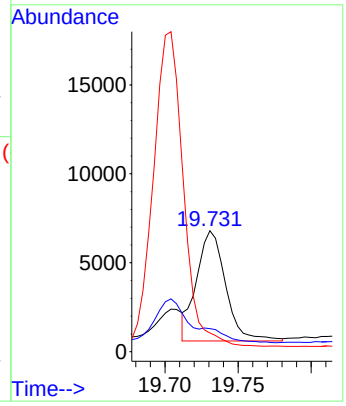
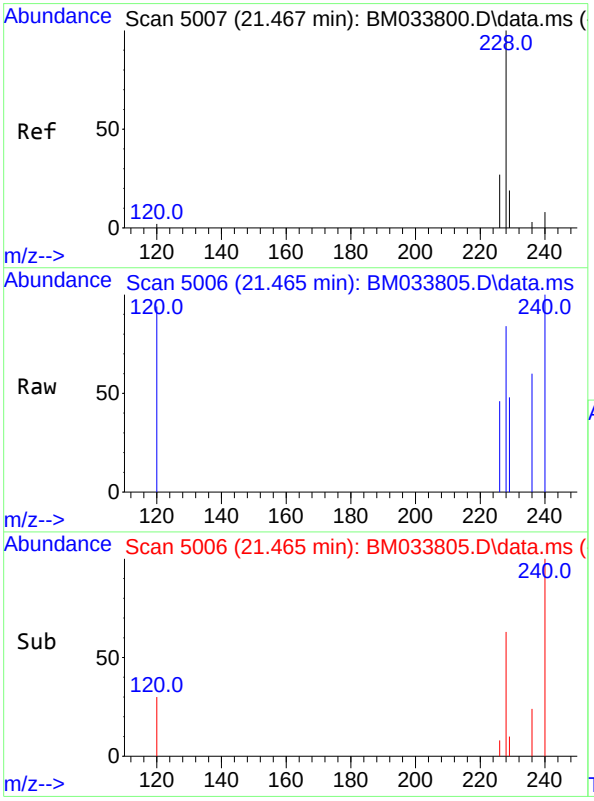
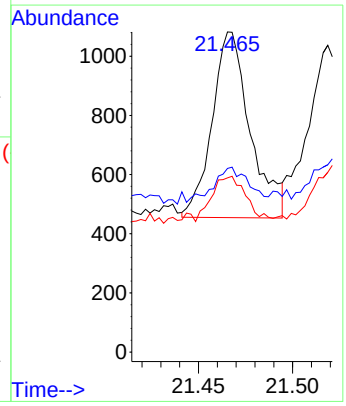


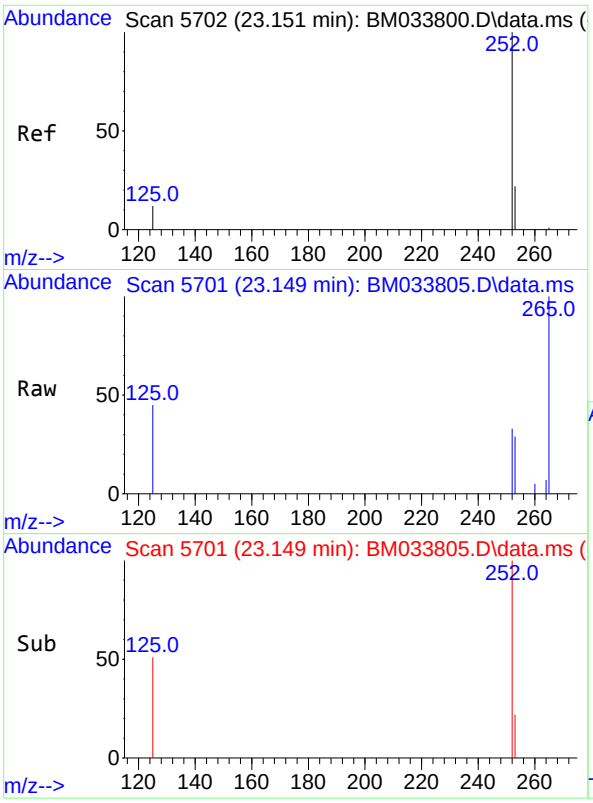


#21
Benzo(a)anthracene
Concen: 0.023 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:228 Resp: 884

Ion	Ratio	Lower	Upper
228	100		
229	57.4	17.3	25.9#
226	54.4	23.2	34.8#

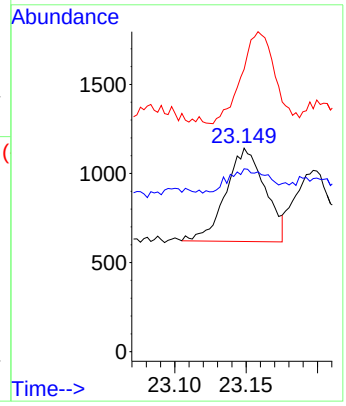




#24
Benzo(b)fluoranthene
Concen: 0.026 ng/ul
RT: 23.149 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:252 Resp: 100

Ion	Ratio	Lower	Upper
252	100		
253	89.8	0.0	64.2#
125	138.8	0.0	28.8#



Instrument :
BNA_M
ClientSampleId :
C0F17

Manual Integrations
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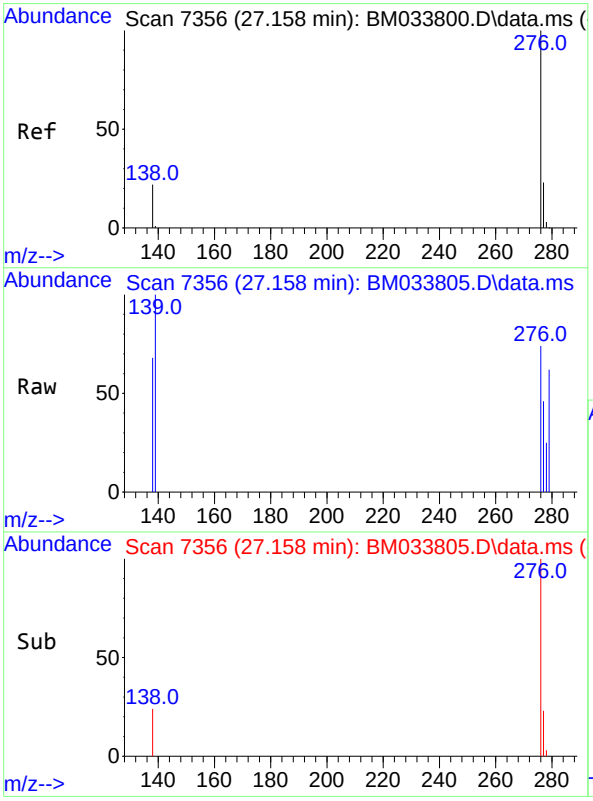

#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.158 min Scan# 7356
Delta R.T. -0.009 min
Lab File: BM033805.D
Acq: 21 Jan 2022 01:30

Tgt Ion:276 Resp: 846

Ion	Ratio	Lower	Upper
276	100		
138	90.9	17.4	26.0#
277	62.0	22.6	33.8#