Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016090.D
Acq On : 27 Aug 2021 04:15
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS2

Manual Integrations APPROVED
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8/27/2021 5:10:16 PM

Quant Time: Aug 27 05:13:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9250	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	8440	0.400	ng/ul	# 0.00
23) Perylene-d12	23.818	264	8586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	4672	2.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	1790	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.275	212	5005	0.220	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	20652	1.126	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	16455	1.328	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	14484	1.194	ng/ul	99
10) Acenaphthylene	14.224	152	75647	4.706	ng/ul	97
11) Acenaphthene	14.561	153	4668	0.337	ng/ul	98
12) Fluorene	15.551	166	14047	0.855	ng/ul	97
14) Pentachlorophenol	16.900	266	188	0.097	ng/ul	99
15) Phenanthrene	17.288	178	495574	19.418	ng/ul	98
16) Anthracene	17.381	178	40903	1.857	ng/ul	98
19) Fluoranthene	19.308	202	857065	32.500	ng/ul	97
20) Pyrene	19.670	202	653856	24.630	ng/ul	97
21) Benzo(a)anthracene	21.415	228	256693	9.769	ng/ul	96
22) Chrysene	21.468	228	396368	14.018	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	501705m	15.659	ng/ul	
25) Benzo(k)fluoranthene	23.137	252	188147m	5.827	ng/ul	
26) Benzo(a)pyrene	23.716	252	230910	8.571	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.286	276	205404	5.760	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.303	278	53852	1.795	ng/ul	98
29) Benzo(g,h,i)perylene	27.044	276	16567	0.539	ng/ul#	91

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

Quantitation Report (QT Reviewed)

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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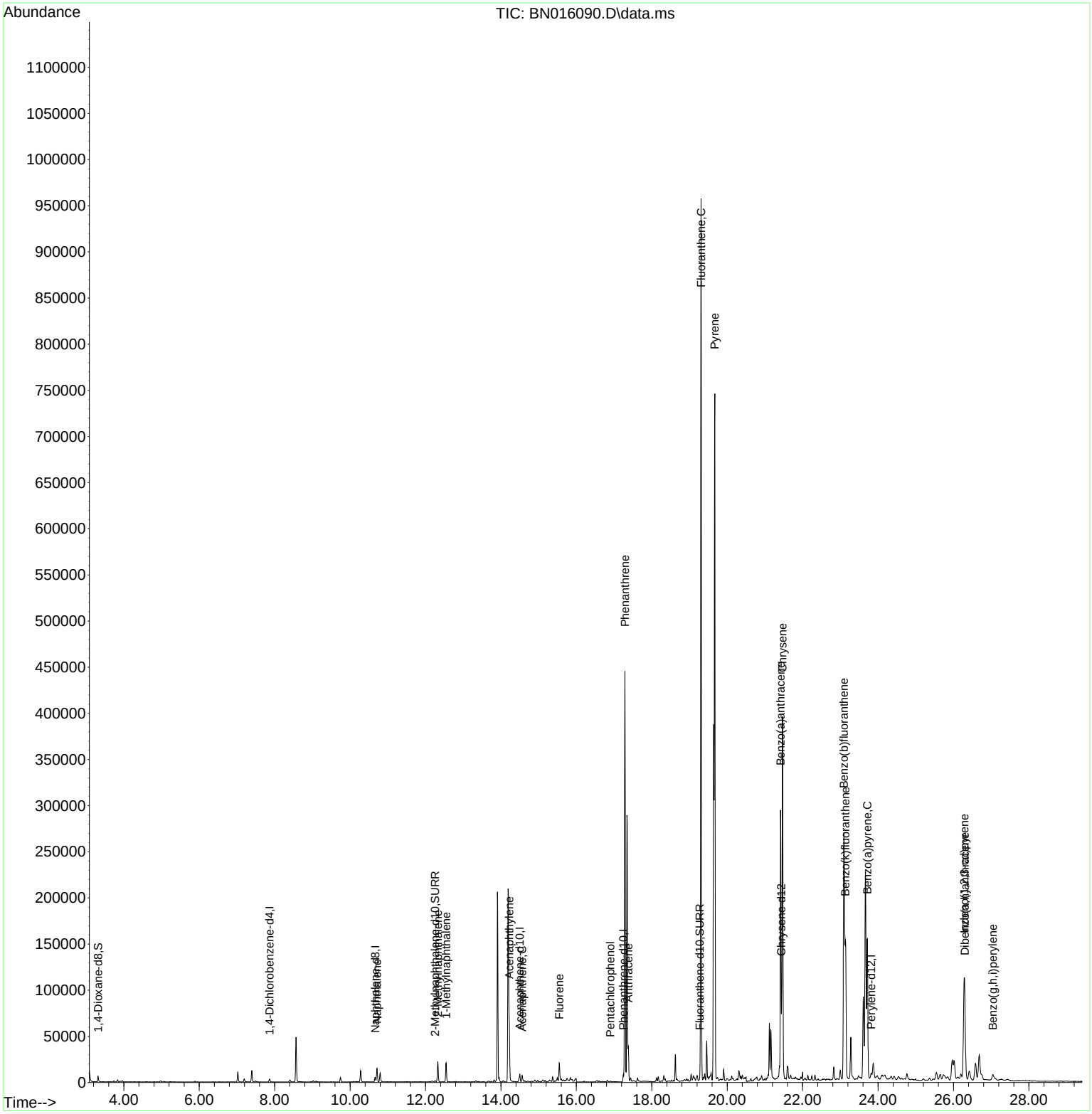
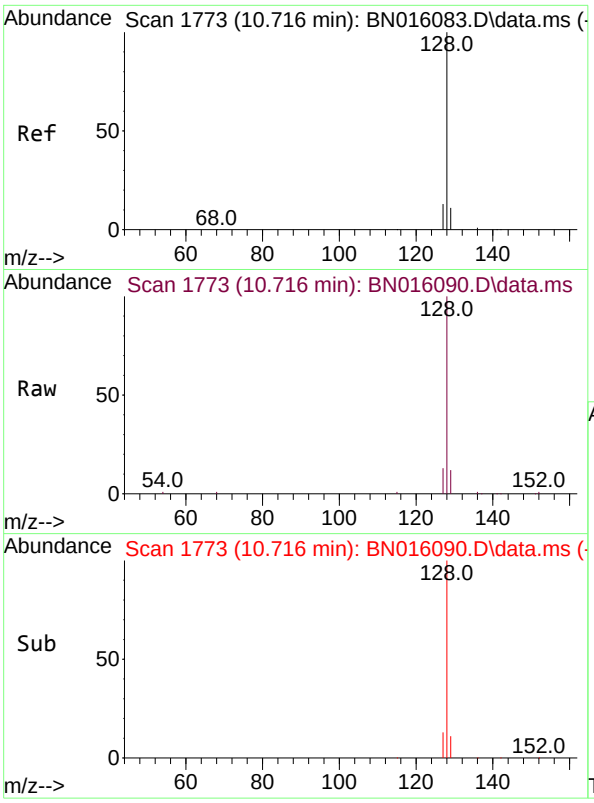
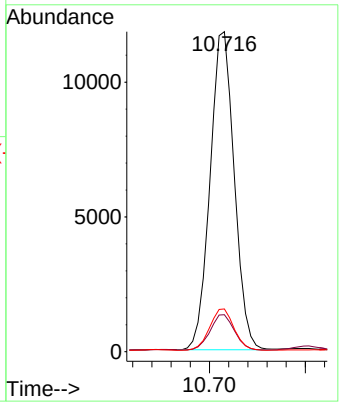




#5
Naphthalene
Concen: 1.126 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:128 Resp: 20652

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	13.3	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0AS2

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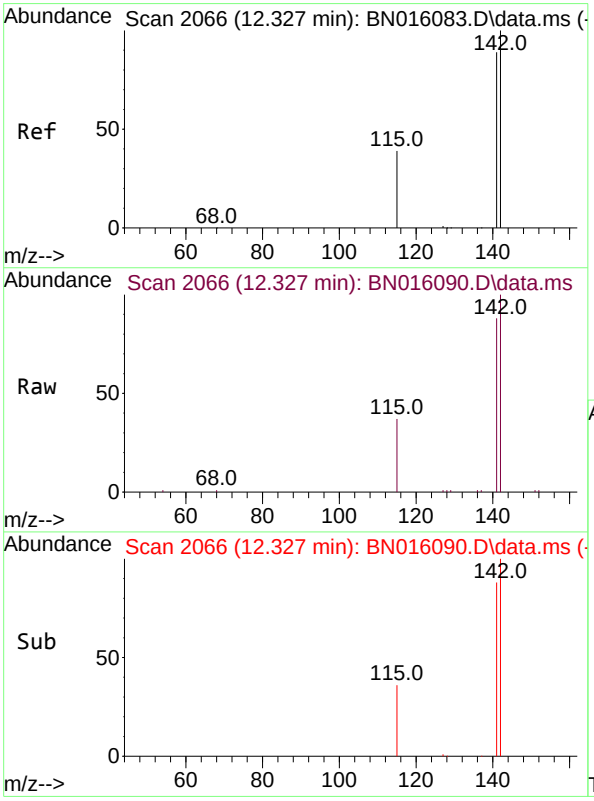
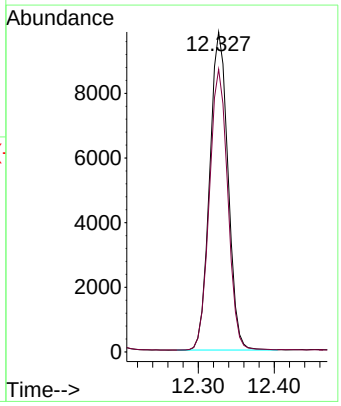
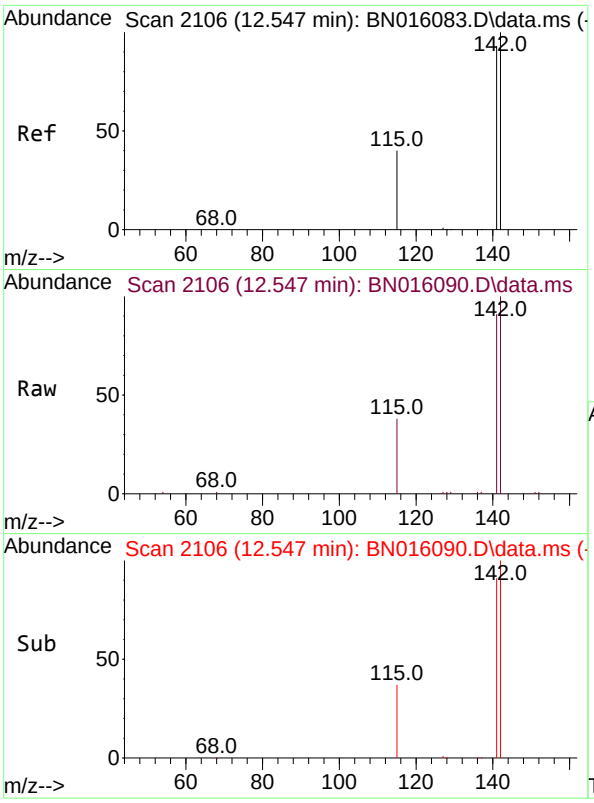


#7
2-Methylnaphthalene
Concen: 1.328 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:142 Resp: 16455

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.6

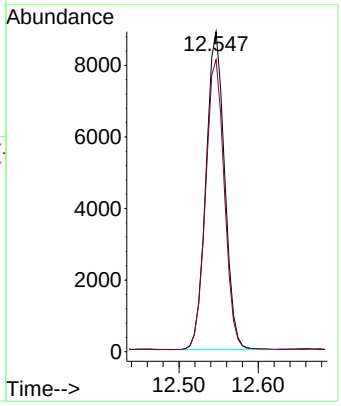




#8
1-Methylnaphthalene
Concen: 1.194 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:142 Resp: 14484

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.8	109.2



Instrument :
BNA_N
ClientSampleId :
C0AS2

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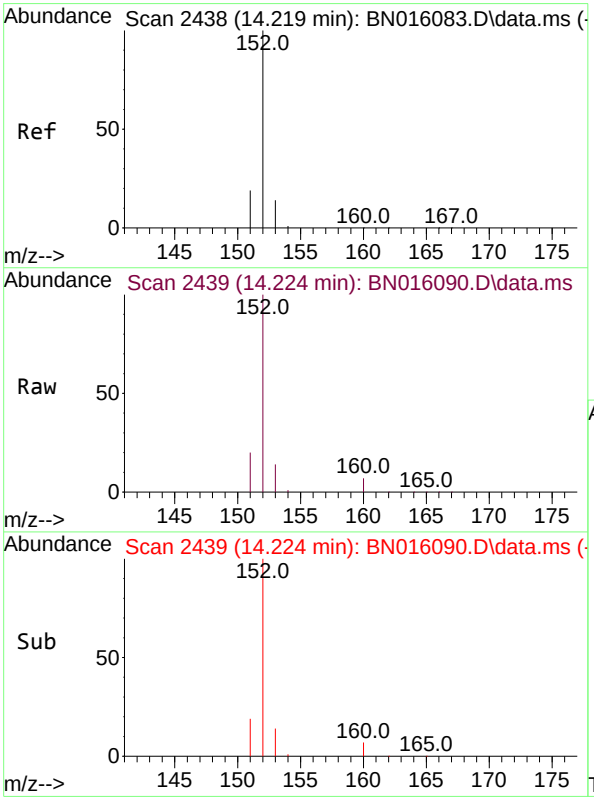
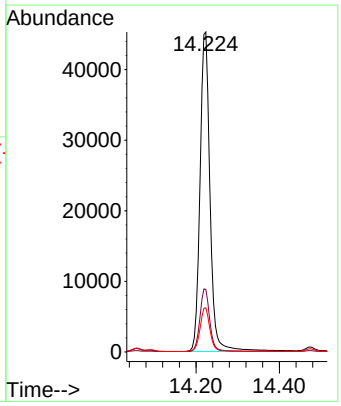
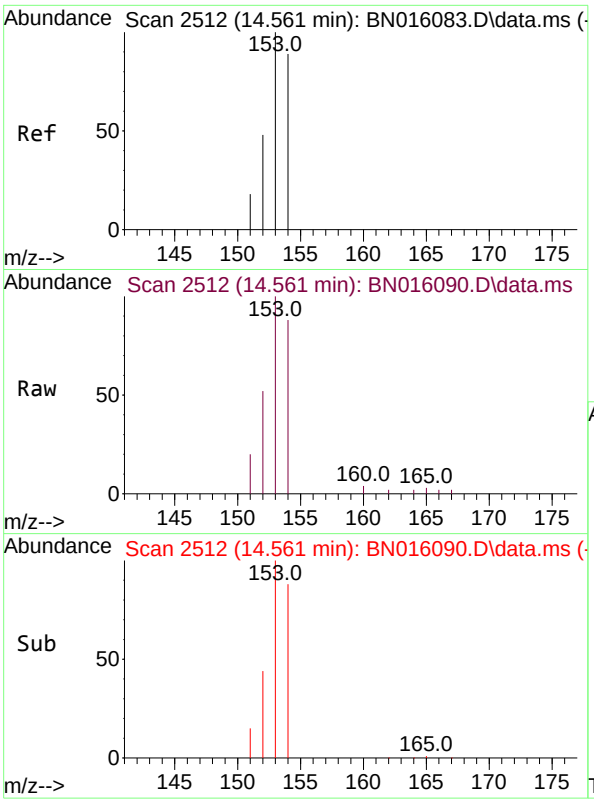


#10
Acenaphthylene
Concen: 4.706 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:152 Resp: 75647

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.0	25.6
153	13.8	11.8	17.6

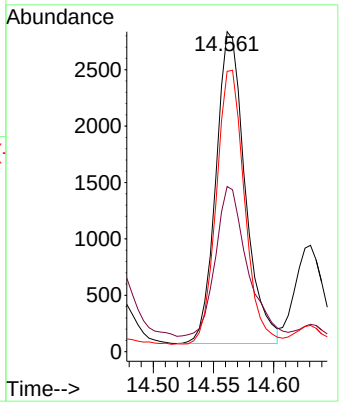


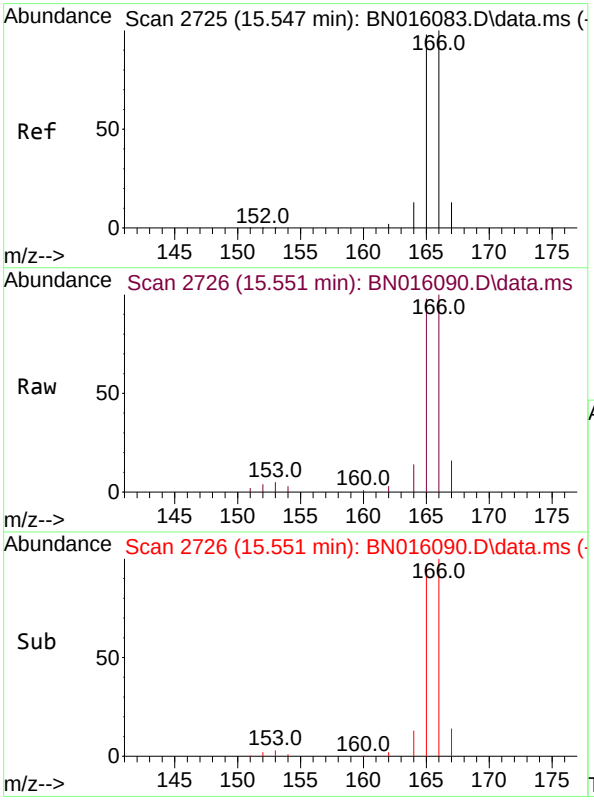


#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.561 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:153 Resp: 4668

Ion	Ratio	Lower	Upper
153	100		
152	51.6	38.3	57.5
154	87.6	70.2	105.2

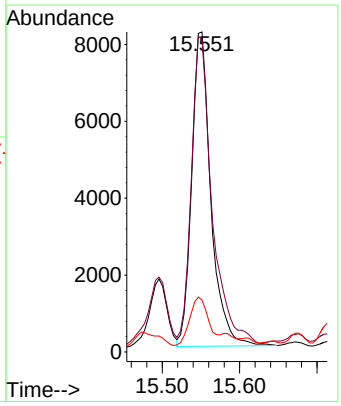




#12
Fluorene
Concen: 0.855 ng/ul
RT: 15.551 min Scan# 2726
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:166 Resp: 14047

Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.2	114.2
167	16.3	11.5	17.3



Instrument :
BNA_N
ClientSampleId :
C0AS2

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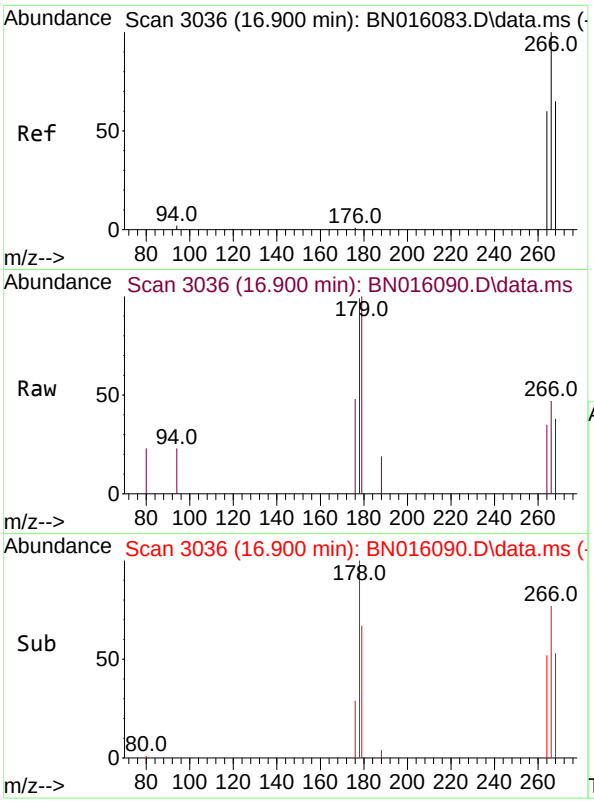
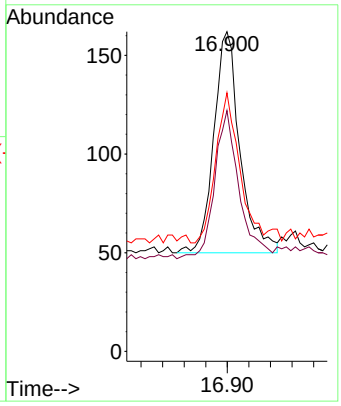


#14
Pentachlorophenol
Concen: 0.097 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:266 Resp: 188

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.2	75.2
268	64.9	52.6	79.0



Instrument :
BNA_N
ClientSampleId :
C0AS2

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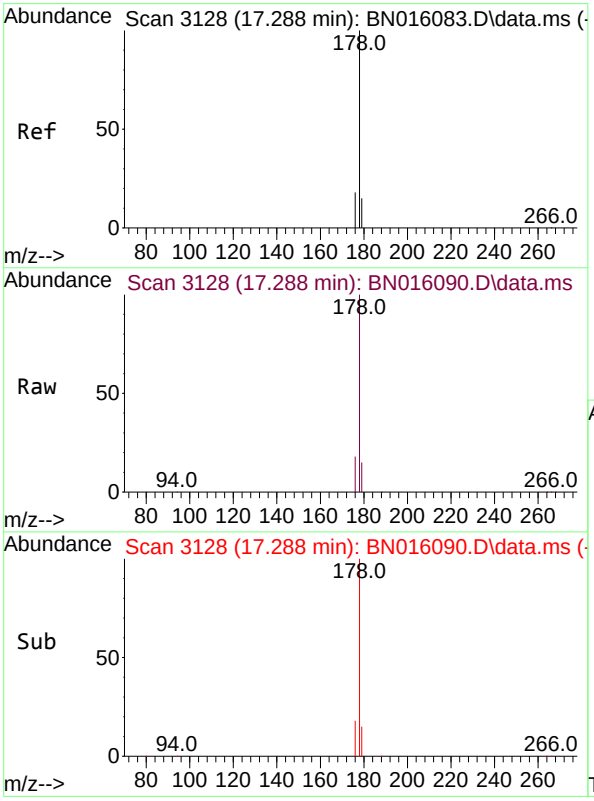
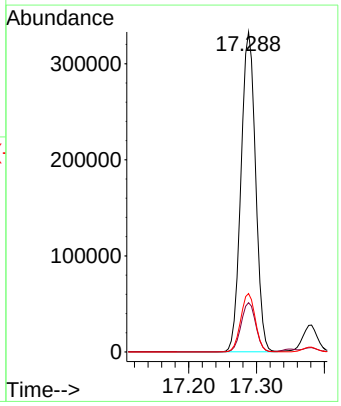
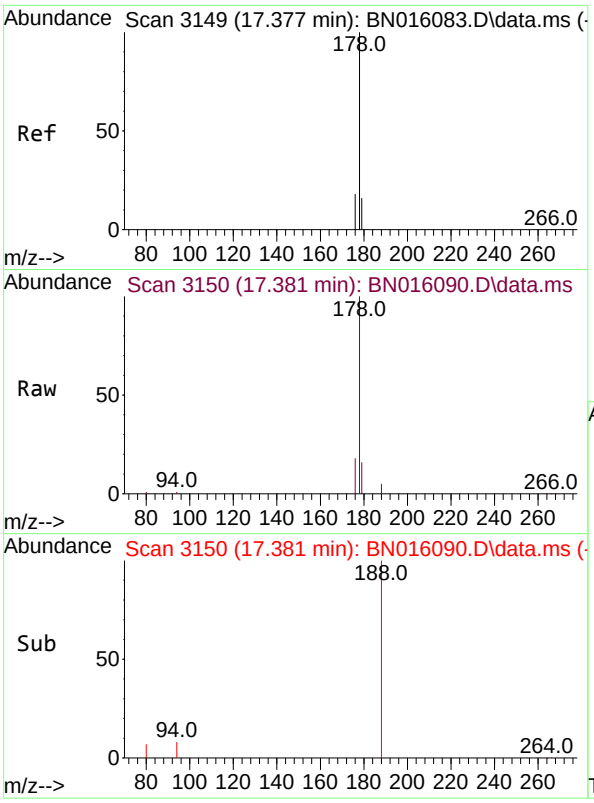


#15
Phenanthrene
Concen: 19.418 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:178 Resp: 495574

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.2	15.0	22.4

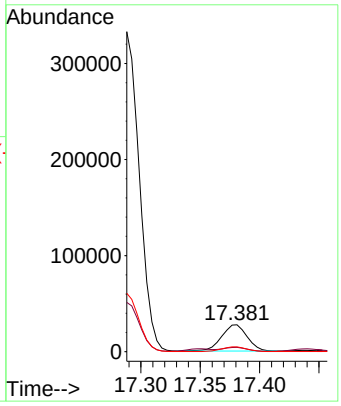


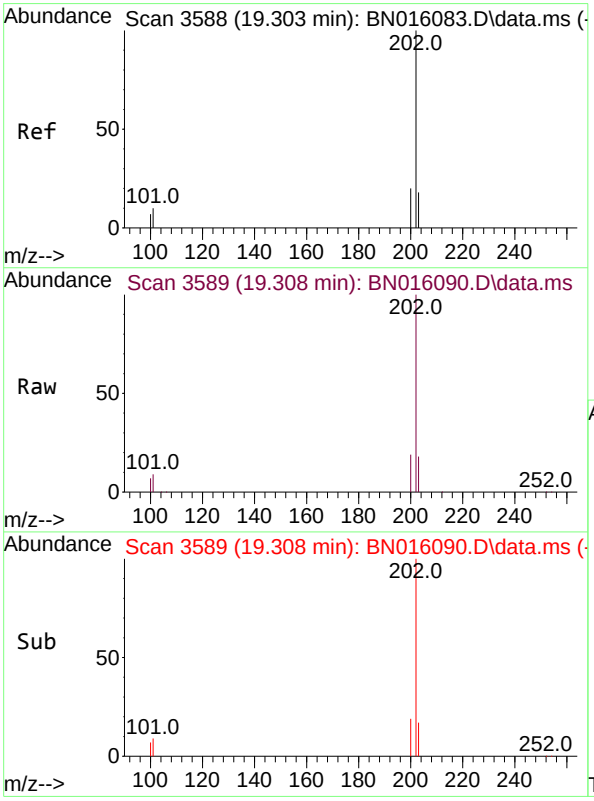


#16
Anthracene
Concen: 1.857 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:178 Resp: 40903

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.0
176	17.7	14.9	22.3

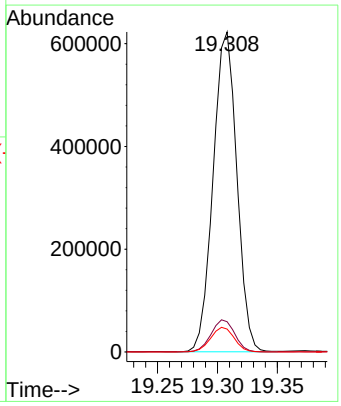




#19
Fluoranthene
Concen: 32.500 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:202 Resp: 857065

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.3	12.5
100	7.1	6.6	9.8



Instrument :
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ClientSampleId :
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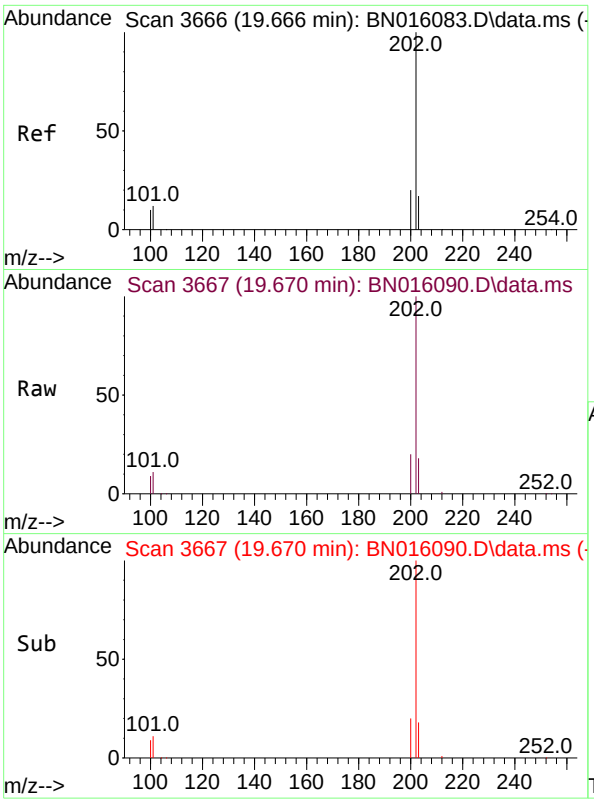
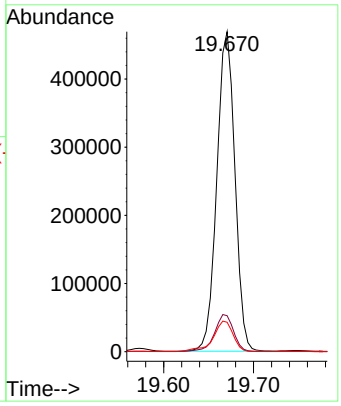
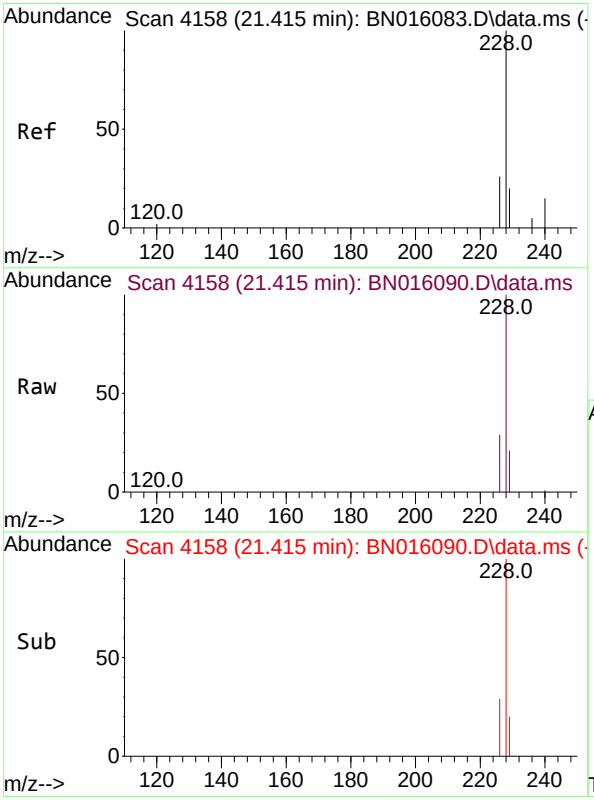


#20
Pyrene
Concen: 24.630 ng/ul
RT: 19.670 min Scan# 3667
Delta R.T. 0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:202 Resp: 653856

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	9.2	8.4	12.6

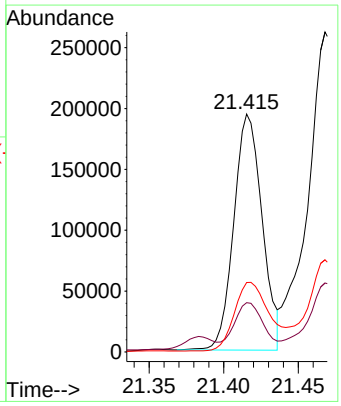




#21
Benzo(a)anthracene
Concen: 9.769 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:228 Resp: 256693

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	29.2	20.6	31.0



Instrument :
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ClientSampleId :
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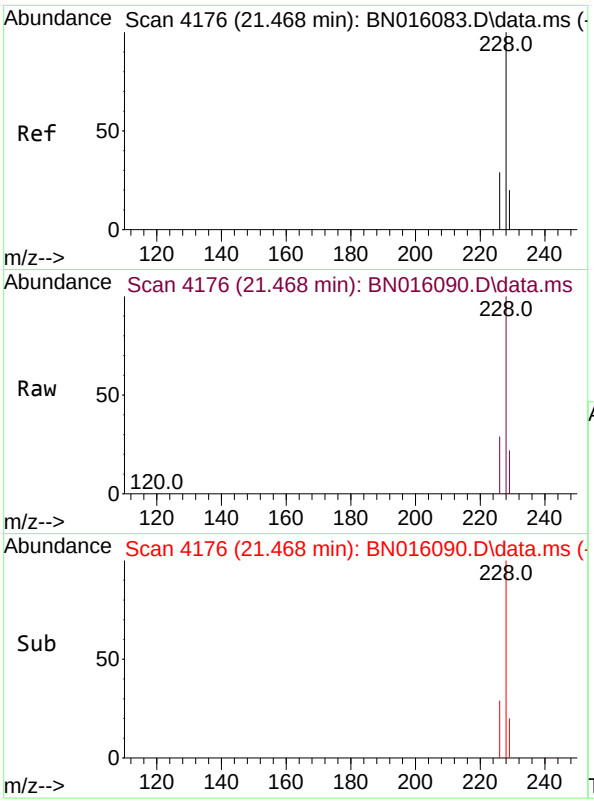
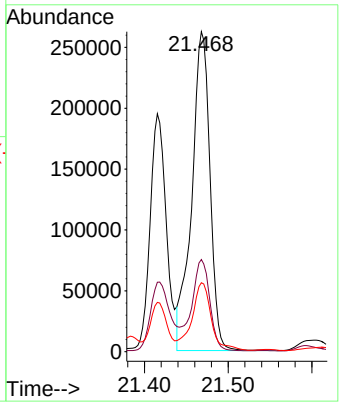


#22
Chrysene
Concen: 14.018 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:228 Resp: 396368

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	21.6	16.4	24.6



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ClientSampleId :
C0AS2

Manual Integrations APPROVED
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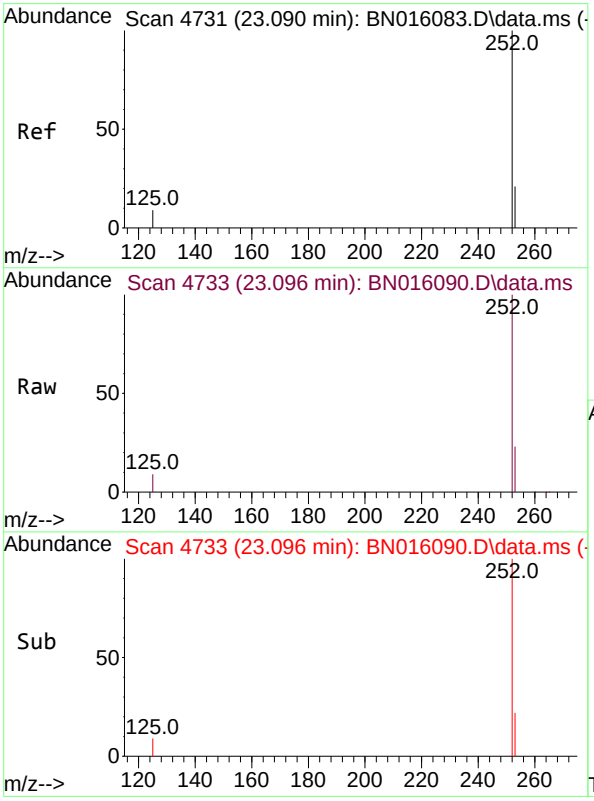
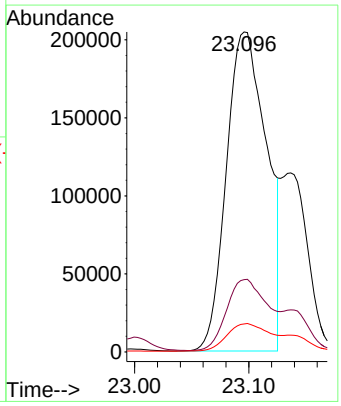
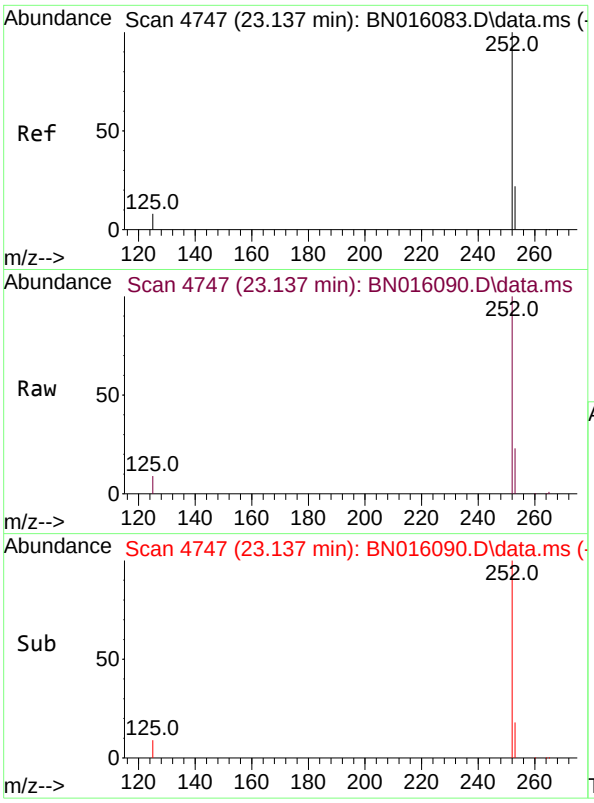


#24
Benzo(b)fluoranthene
Concen: 15.659 ng/ul m
RT: 23.096 min Scan# 4733
Delta R.T. 0.005 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:252 Resp: 501705

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	50.6
125	8.8	0.0	21.6

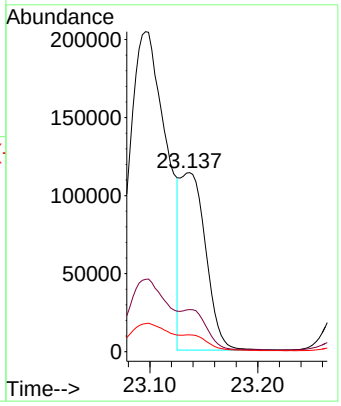




#25
Benzo(k)fluoranthene
Concen: 5.827 ng/ul m
RT: 23.137 min Scan# 4747
Delta R.T. -0.000 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:252 Resp: 188147

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.7	31.1
125	9.4	8.2	12.4



Instrument :
BNA_N
ClientSampleId :
C0AS2

Manual Integrations APPROVED
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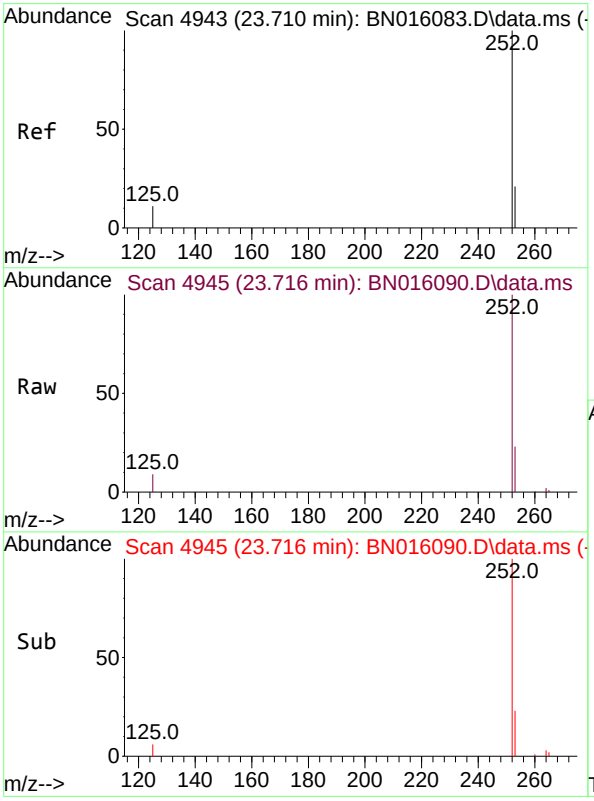
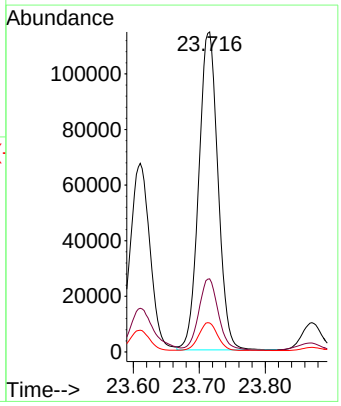
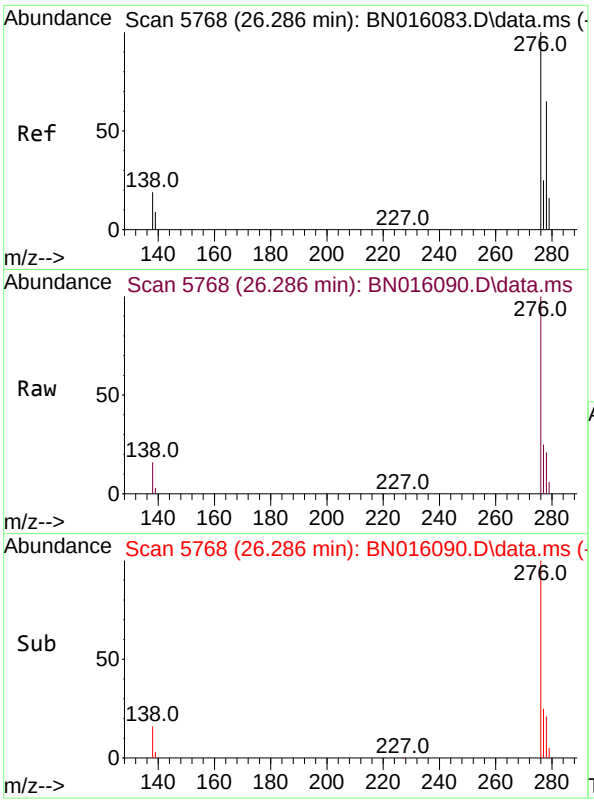


#26
Benzo(a)pyrene
Concen: 8.571 ng/ul
RT: 23.716 min Scan# 4945
Delta R.T. 0.005 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:252 Resp: 230910

Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.1	33.1
125	9.1	10.2	15.4#

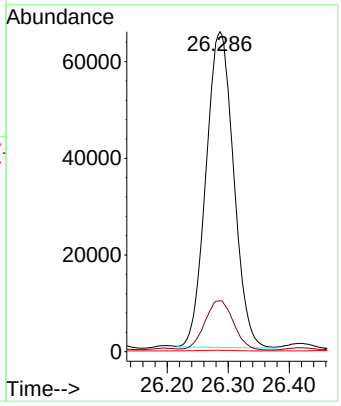


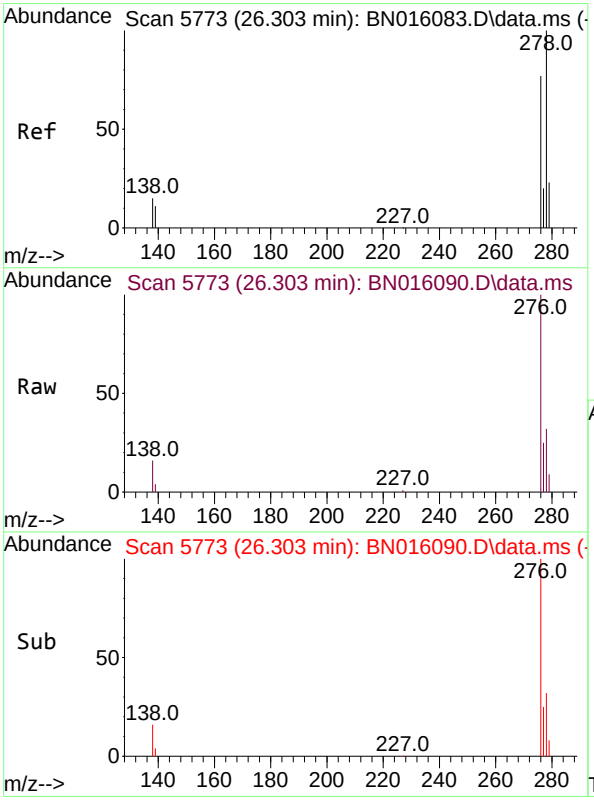


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.760 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.004 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:276 Resp: 205404

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.3	0.1	0.1#

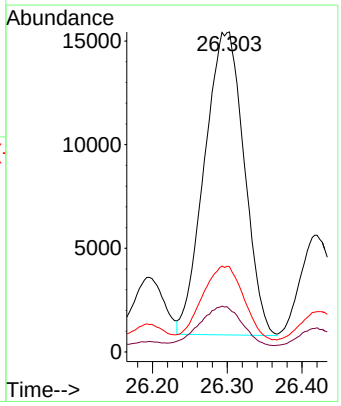




#28
Dibenzo(a,h)anthracene
Concen: 1.795 ng/ul
RT: 26.303 min Scan# 5773
Delta R.T. 0.003 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:278 Resp: 53852

Ion	Ratio	Lower	Upper
278	100		
139	13.4	12.0	18.0
279	26.7	21.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0AS2

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mohammad
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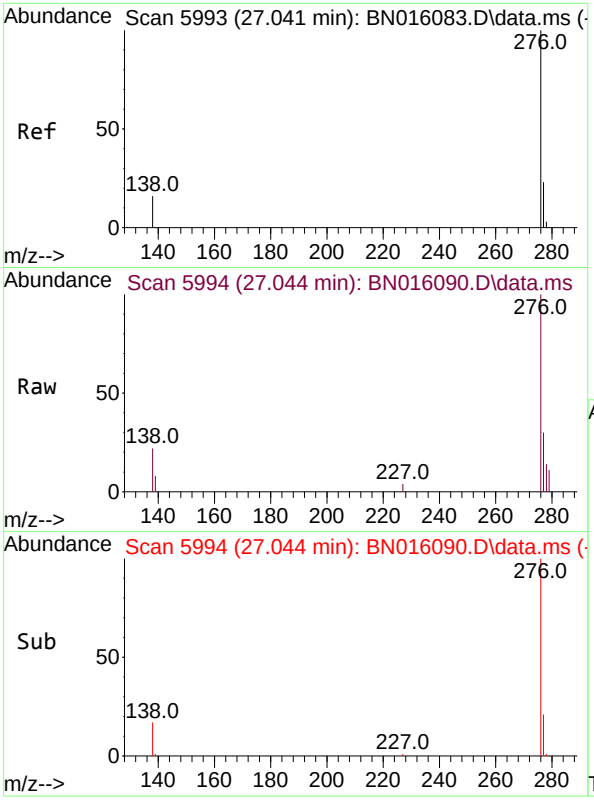
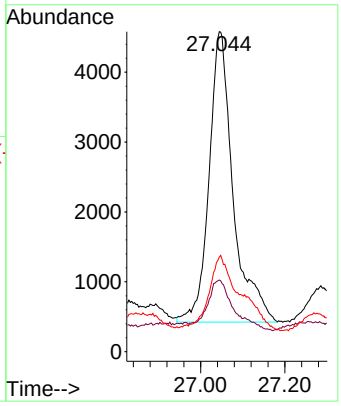


#29
Benzo(g,h,i)perylene
Concen: 0.539 ng/ul
RT: 27.044 min Scan# 5994
Delta R.T. 0.006 min
Lab File: BN016090.D
Acq: 27 Aug 2021 04:15

Tgt Ion:276 Resp: 16567

Ion	Ratio	Lower	Upper
276	100		
138	22.4	13.8	20.8#
277	29.5	20.5	30.7



Instrument :
BNA_N
ClientSampleId :
C0AS2

Manual Integrations APPROVED
mohammad
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