

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012211.D
 Acq On : 15 Oct 2020 01:08
 Operator : CG/JU
 Sample : L4166-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE2DL

Manual Integrations
 APPROVED

mohammad
 10/15/2020 8:21:18 AM

Quant Time: Oct 15 02:16:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1629	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3741	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7772	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6823	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7202	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	305	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.04	212	777	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1436	0.076	ng/ul#	93
7) Acenaphthylene	13.98	152	424	0.026	ng/ul#	66
8) Acenaphthene	14.32	153	6461	0.471	ng/ul	100
9) Fluorene	15.32	166	2302	0.151	ng/ul	98
12) Phenanthrene	17.05	178	4618	0.186	ng/ul	99
13) Anthracene	17.14	178	3994	0.188	ng/ul	97
15) Fluoranthene	19.07	202	24898	0.859	ng/ul	98
17) Pyrene	19.44	202	18117	0.589	ng/ul	99
18) Benzo(a)anthracene	21.19	228	5456	0.216	ng/ul	97
19) Chrysene	21.24	228	6511	0.211	ng/ul	100
21) Benzo(b)fluoranthene	22.74	252	5686m	0.195	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	2204m	0.068	ng/ul	
23) Benzo(a)pyrene	23.30	252	3105	0.110	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.57	276	1608	0.044	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1357	0.041	ng/ul#	76

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

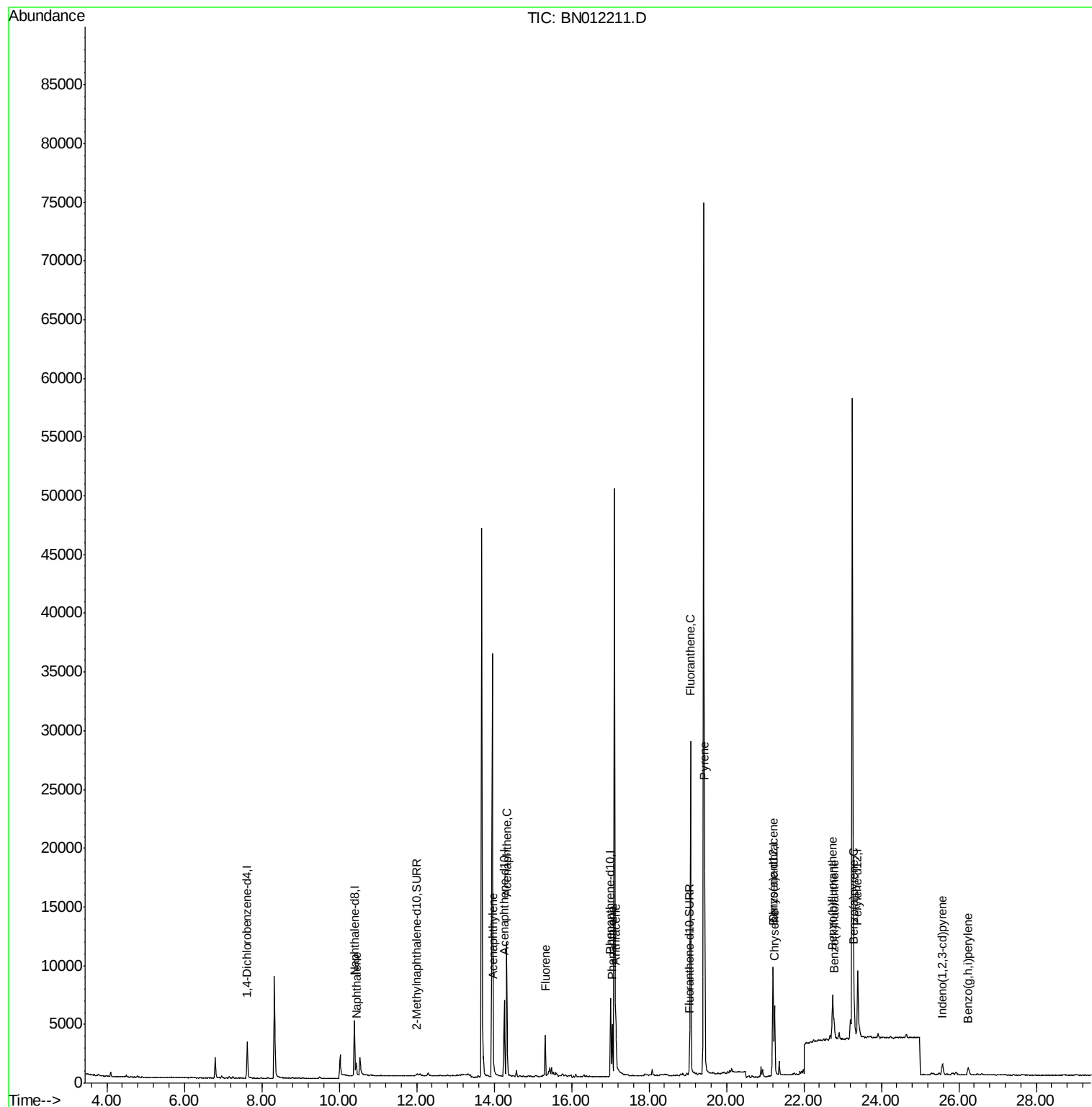
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012211.D
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Operator : CG/JU
Sample : L4166-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

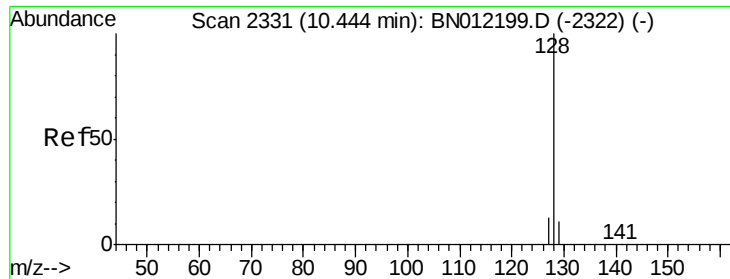
Instrument :
BNA_N
ClientSampleId :
C0AE2DL

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Quant Time: Oct 15 02:16:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

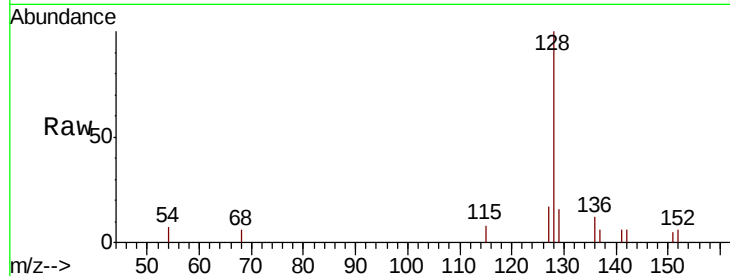
ClientSampleId :

C0AE2DL

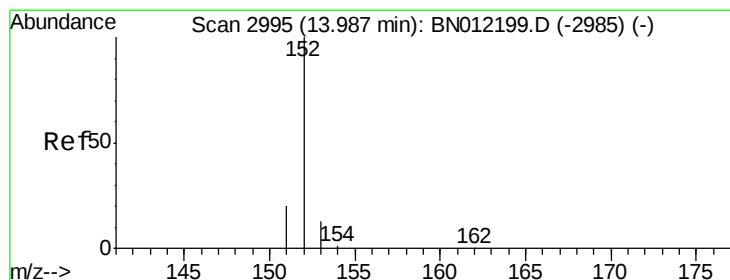
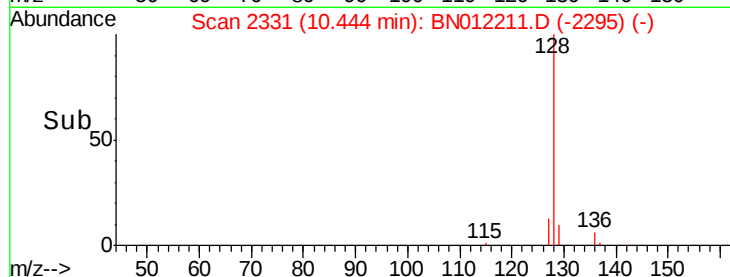
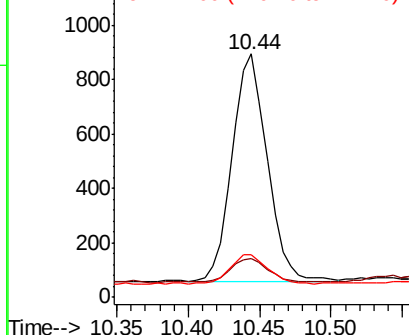
Tot Ion:	128	Resp:	1436
Ion Ratio	Lower	Upper	
128	100		
129	16.0	10.3	15.5#
127	17.4	11.9	17.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.026 ng/ul

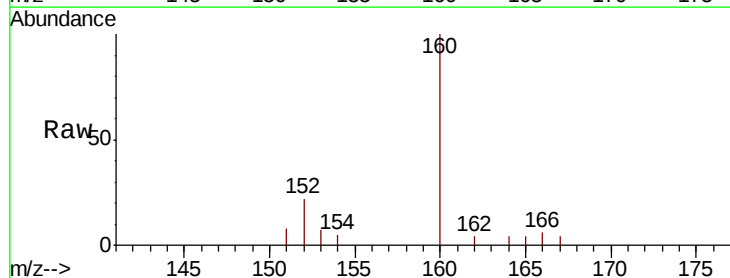
RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

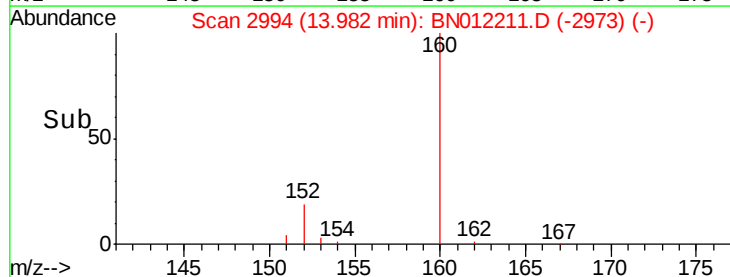
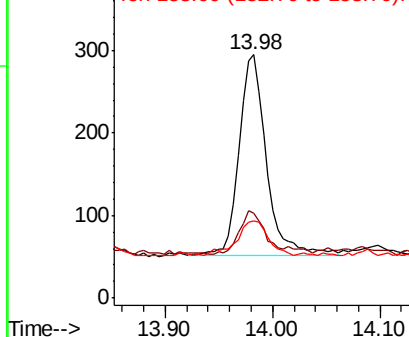
Lab File: BN012211.D

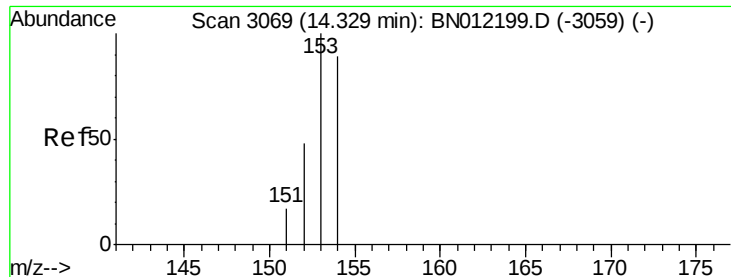
Acq: 15 Oct 2020 01:08

Tgt Ion:	152	Resp:	424
Ion Ratio	Lower	Upper	
152	100		
151	34.6	16.7	25.1#
153	31.9	11.8	17.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.471 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

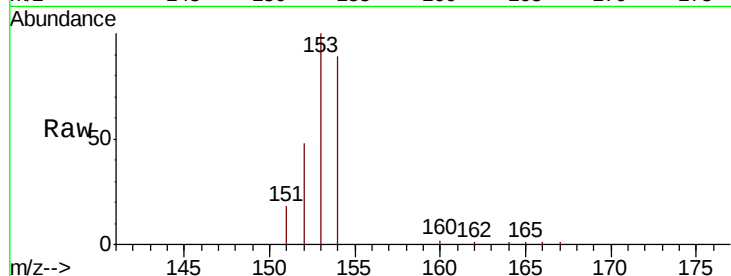
ClientSampleId :

C0AE2DL

Tot Ion:	153	Resp:	6461
Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.2	57.2
154	89.3	71.1	106.7

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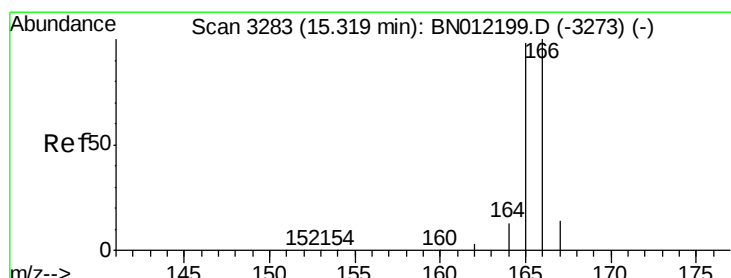
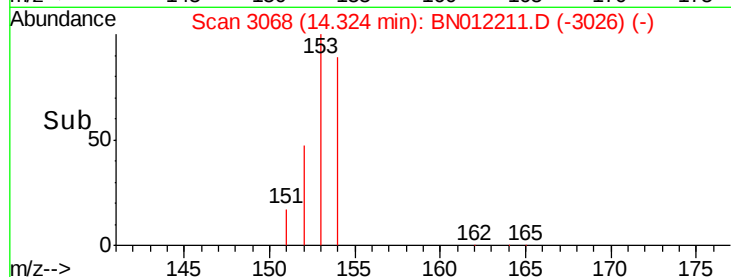
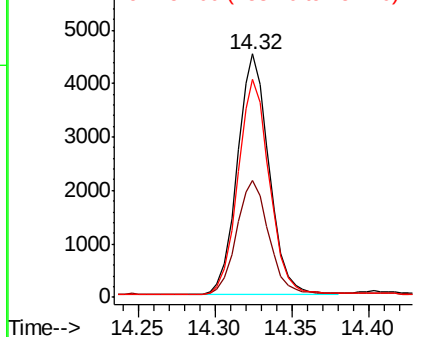


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.151 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. 0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

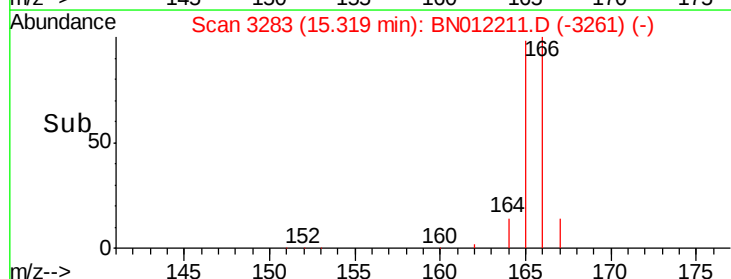
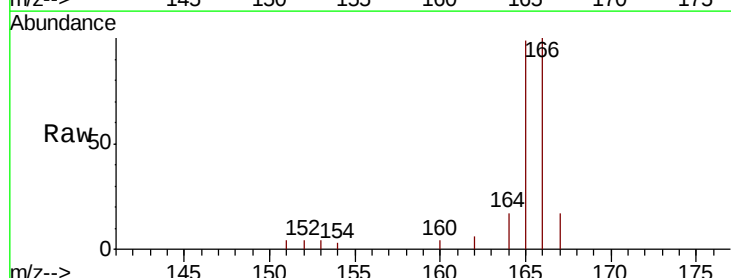
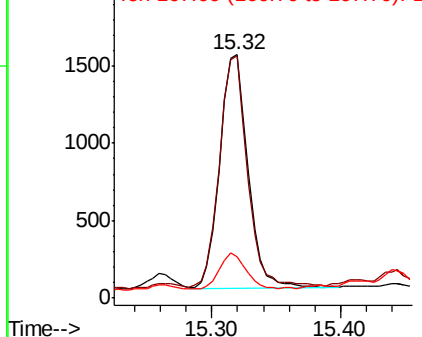
Tgt Ion:	166	Resp:	2302
Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	118.0
167	16.9	11.9	17.9

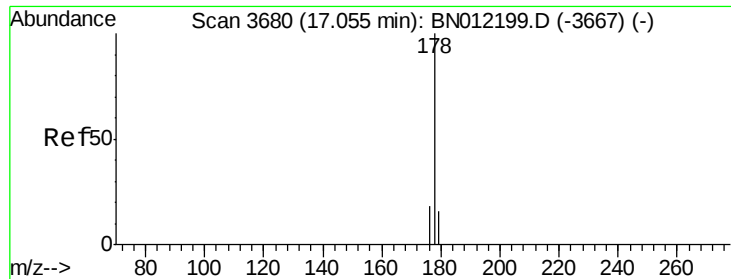
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.186 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

C0AE2DL

Tot Ion:178 Resp: 4618

Ion Ratio Lower Upper

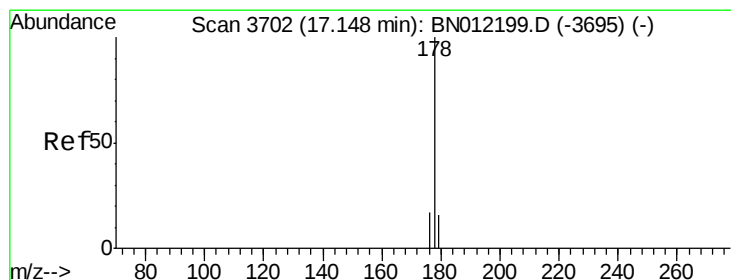
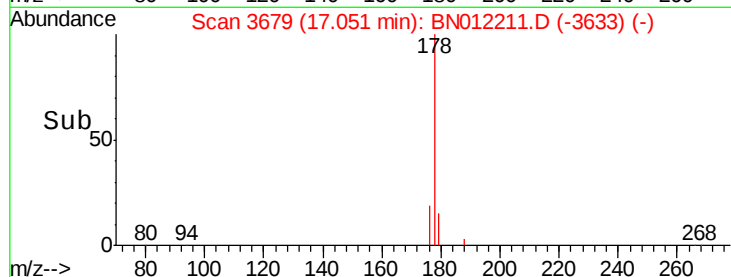
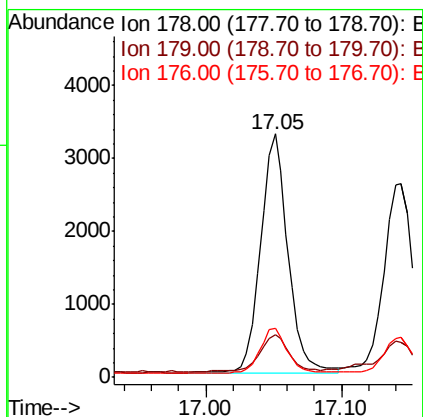
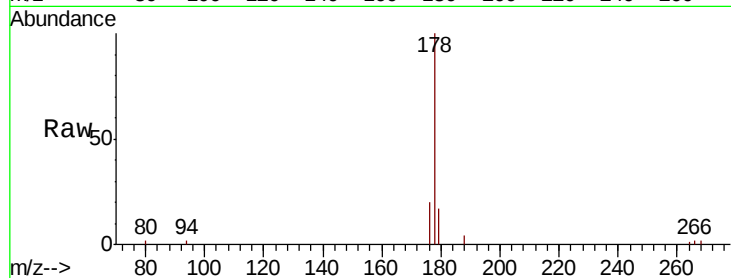
178 100

179 17.4 13.4 20.2

176 20.1 15.7 23.5

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#13

Anthracene

Concen: 0.188 ng/ul

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

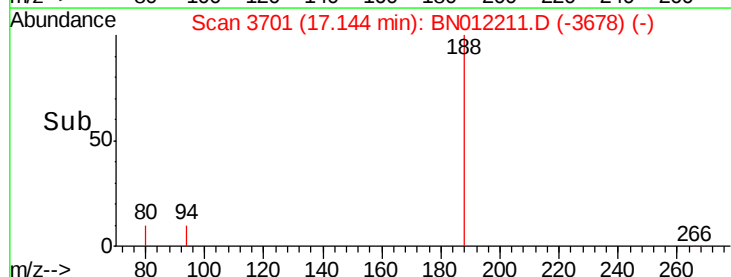
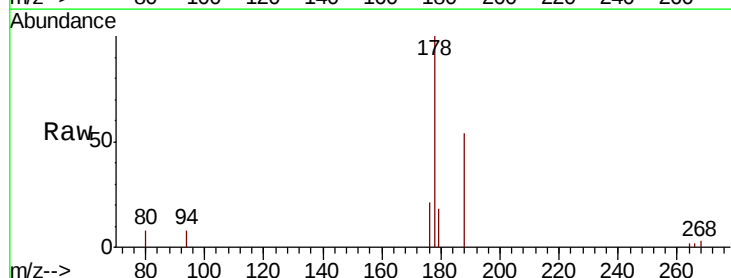
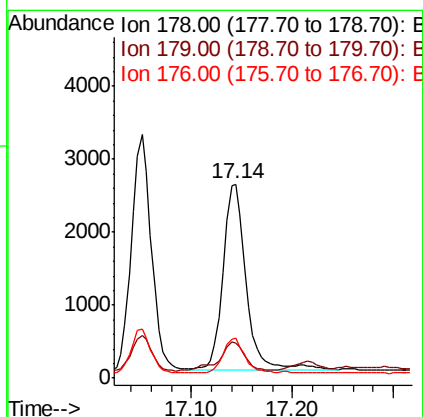
Tgt Ion:178 Resp: 3994

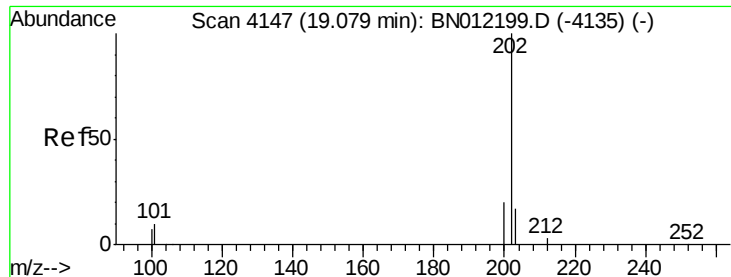
Ion Ratio Lower Upper

178 100

179 18.3 13.9 20.9

176 20.8 15.4 23.0





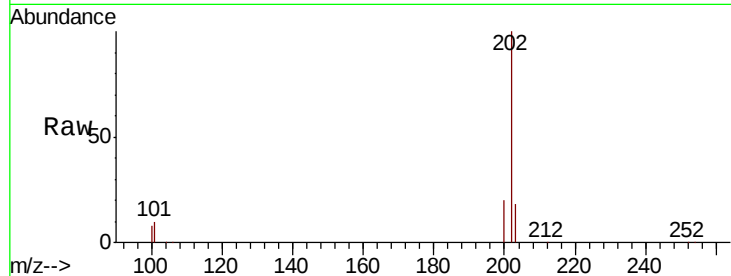
#15
Fluoranthene
Concen: 0.859 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Instrument :
BNA_N
ClientSampleId :
C0AE2DL

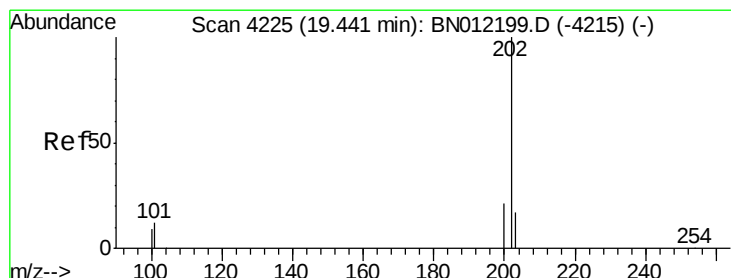
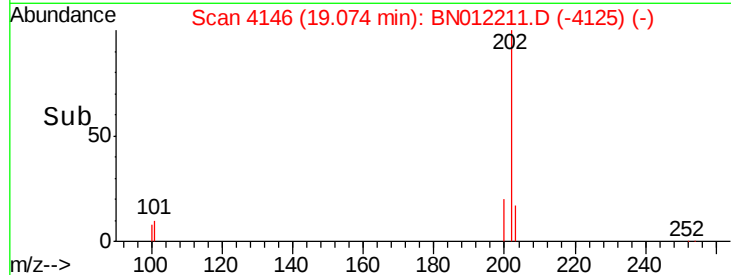
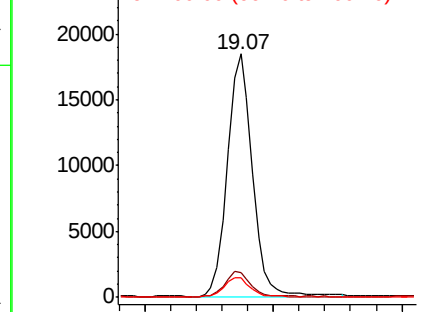
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	31.0
100	7.8	0.0	28.7

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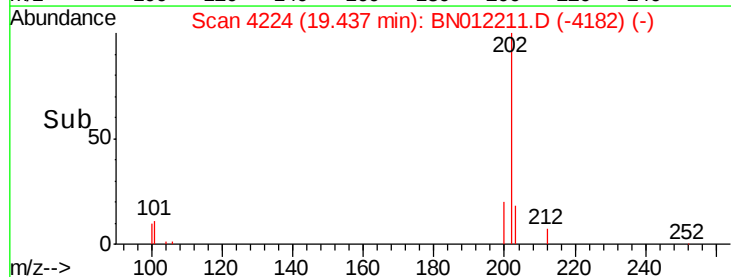
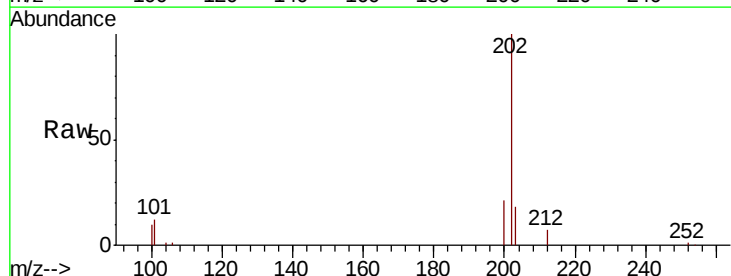
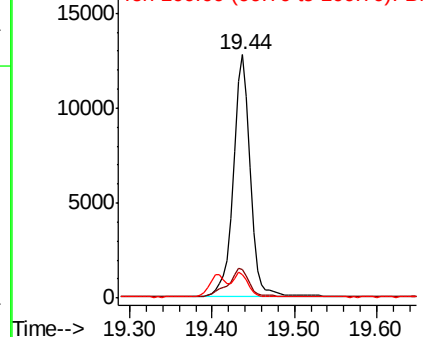
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

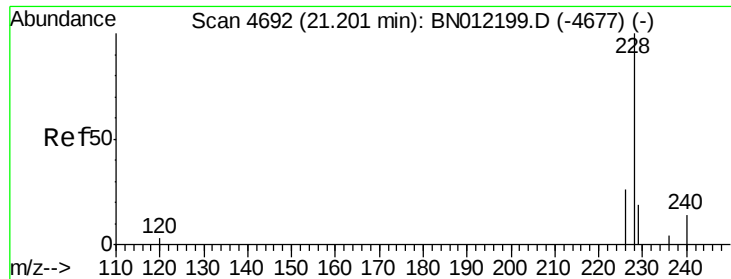


#17
Pyrene
Concen: 0.589 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	9.9	14.9
100	9.9	8.0	12.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





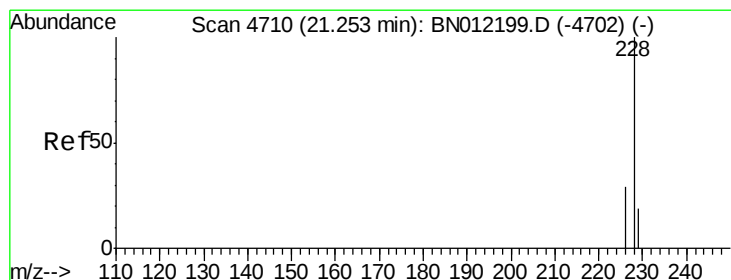
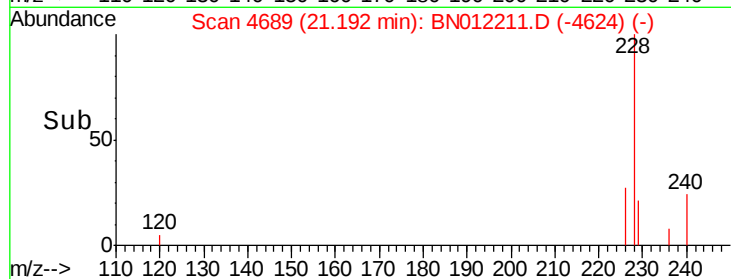
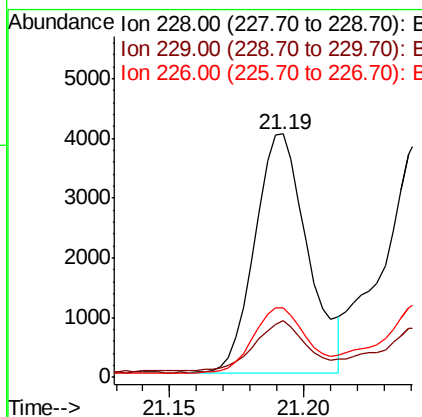
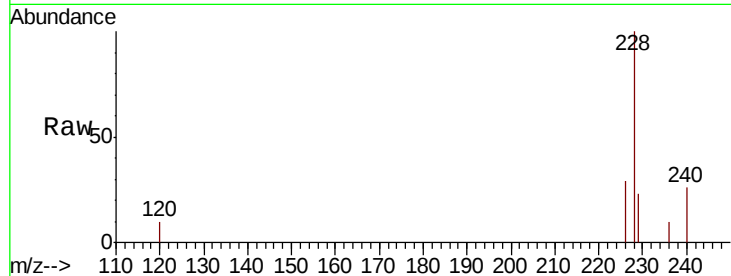
#18
Benzo(a)anthracene
Concen: 0.216 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Instrument :
BNA_N
ClientSampleId :
C0AE2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.8	23.8
226	28.7	22.6	33.8

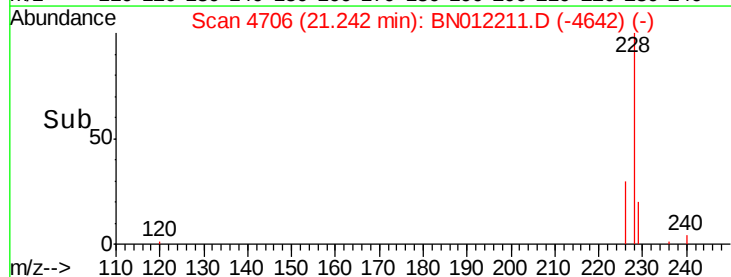
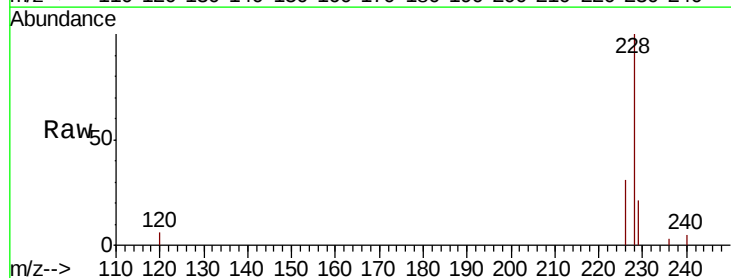
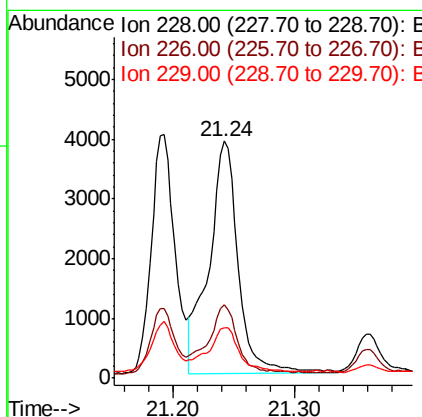
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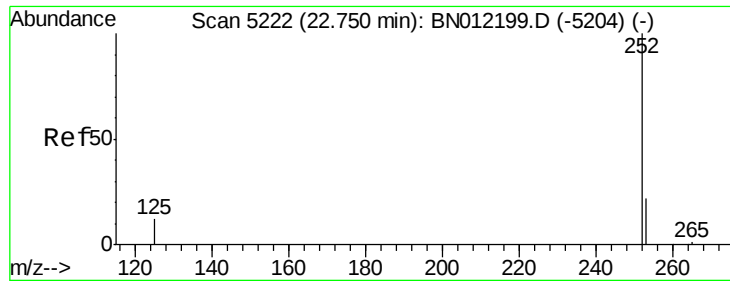
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#19
Chrysene
Concen: 0.211 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	21.4	17.0	25.6





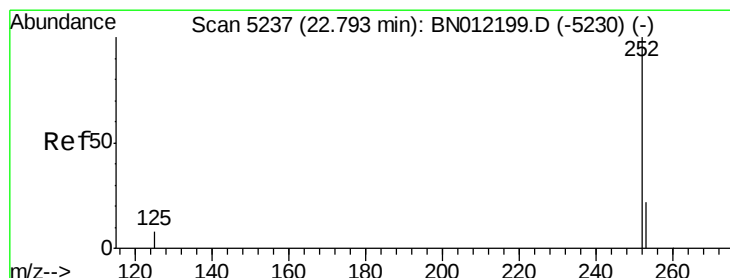
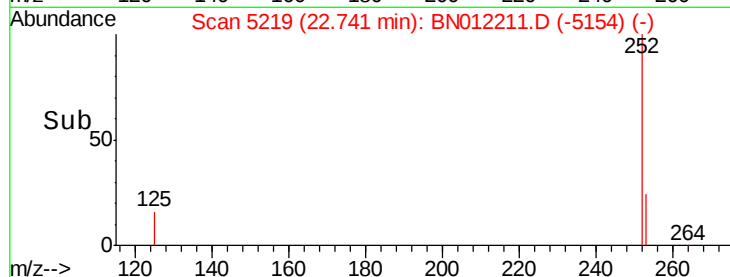
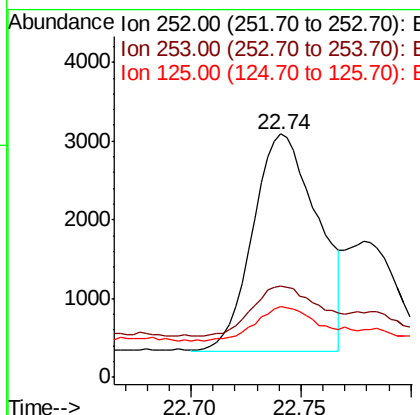
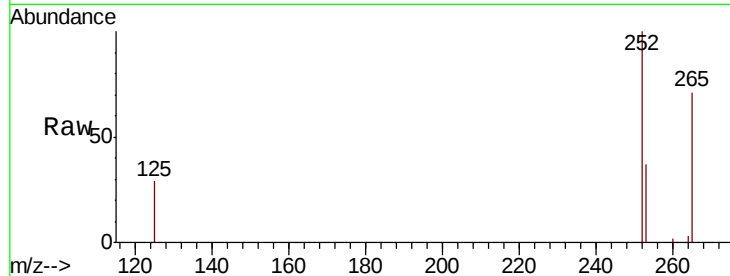
#21
Benzo(b)fluoranthene
Concen: 0.195 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Instrument :
BNA_N
ClientSampleId :
C0AE2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.3	0.0	61.6
125	29.2	0.0	36.8

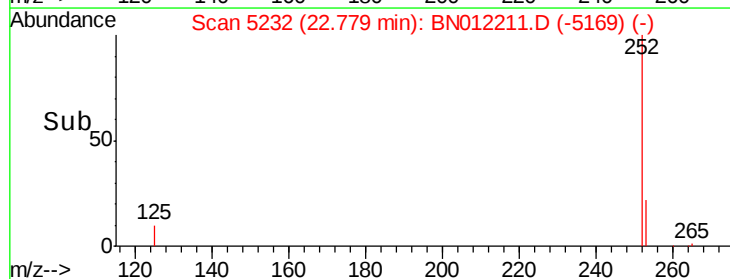
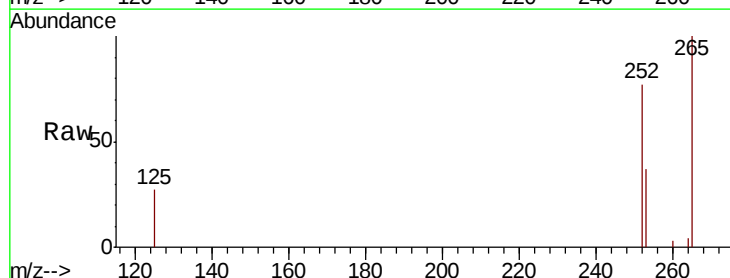
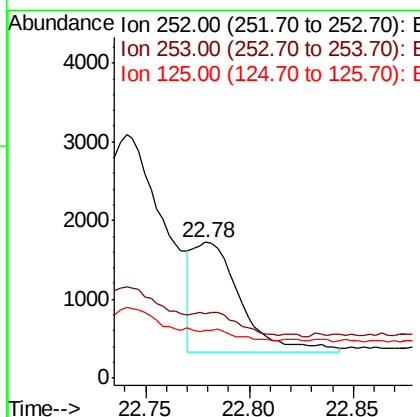
Manual Integrations
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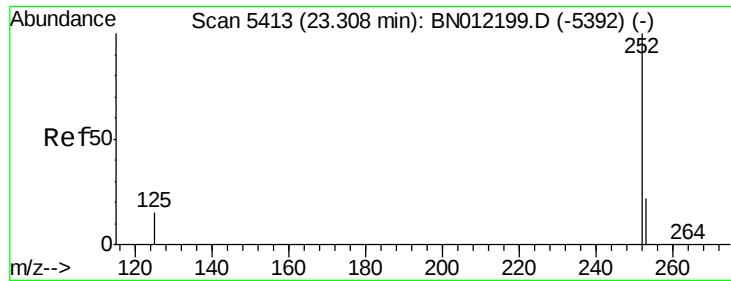
mohammad
10/15/2020 8:21:18 AM



#22
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.01 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.8	24.4	36.6#
125	34.9	12.9	19.3#





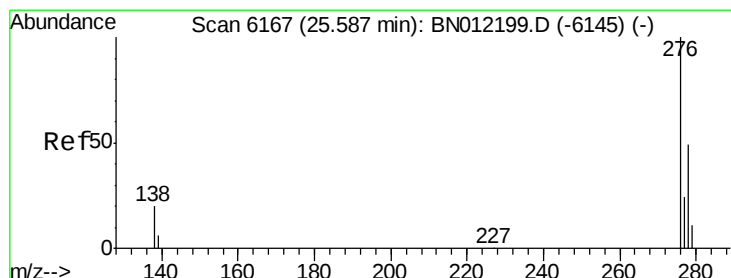
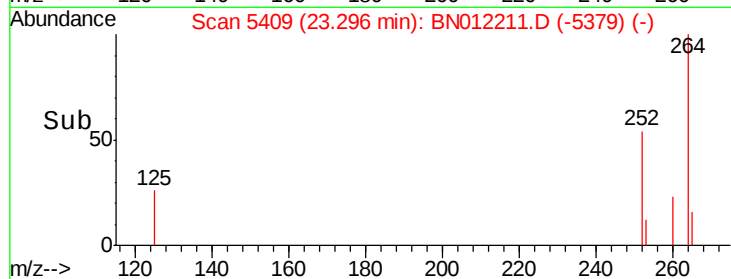
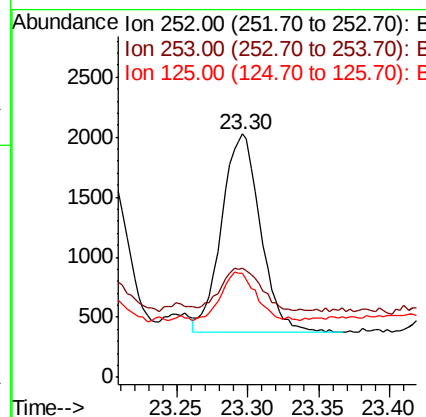
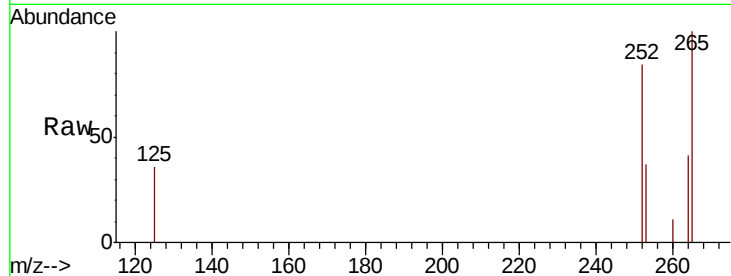
#23
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.01 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Instrument :
BNA_N
ClientSampleId :
C0AE2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.7	27.0	40.4#
125	43.0	18.8	28.2#

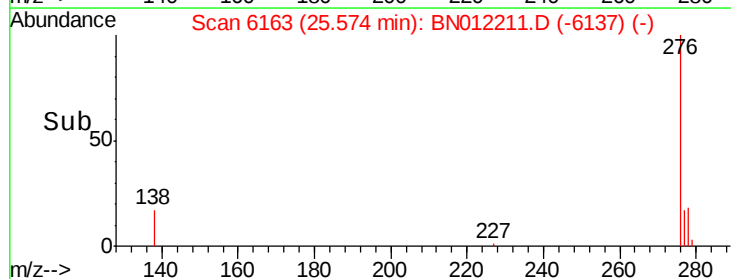
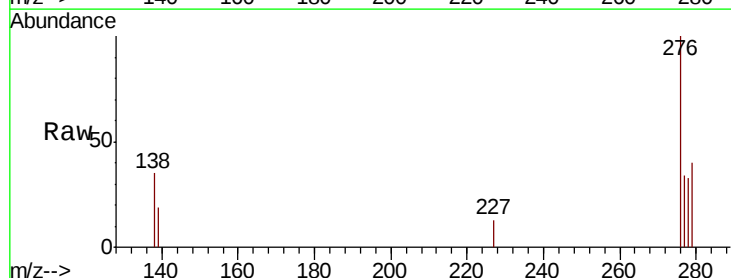
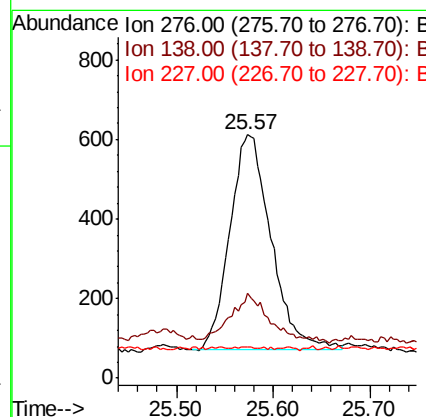
Manual Integrations
APPROVED

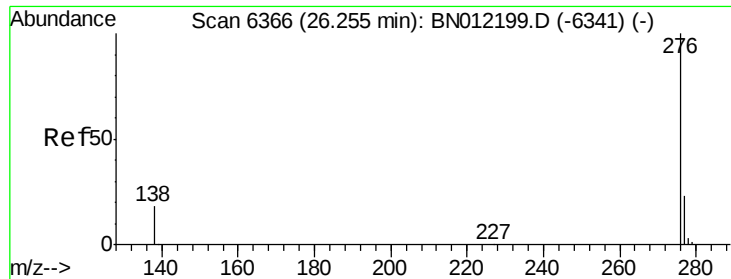
mohammad
10/15/2020 8:21:18 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012211.D
Acq: 15 Oct 2020 01:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	0.0	0.0#
227	0.6	0.0	0.0#





#26

Benzo(a,h,i)perylene

Concen: 0.041 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

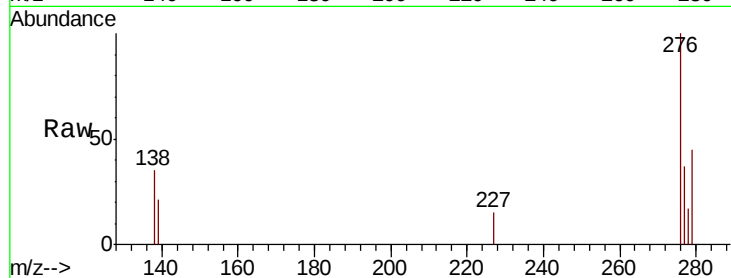
ClientSampleId :

C0AE2DL

Tot Ion:	276	Resp:	1357
Ion Ratio	Lower	Upper	
276	100		
138	34.6	17.1	25.7#
277	37.3	21.1	31.7#

Manual Integrations
APPROVED

mohammad
10/15/2020 8:21:18 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

