

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011708.D
 Acq On : 04 Sep 2020 18:44
 Operator : CG/JU
 Sample : L3840-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

Manual Integrations
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mohammad
 9/8/2020 1:47:00 PM

Quant Time: Sep 05 01:48:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 01:37:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	10369m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	9530	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10028	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4640	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9960	0.34	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.57	128	2566	0.109	ng/ul	96
5) 2-Methylnaphthalene	12.19	142	450	0.030	ng/ul	97
7) Acenaphthylene	14.10	152	3143	0.130	ng/ul	97
9) Fluorene	15.43	166	610	0.027	ng/ul#	96
12) Phenanthrene	17.16	178	2784	0.079	ng/ul	96
13) Anthracene	17.26	178	4634	0.161	ng/ul	99
15) Fluoranthene	19.19	202	5315	0.132	ng/ul	93
17) Pyrene	19.55	202	21248m	0.570	ng/ul	
18) Benzo(a)anthracene	21.30	228	9177	0.287	ng/ul	96
19) Chrysene	21.36	228	23050	0.535	ng/ul	100
21) Benzo(b)fluoranthene	22.90	252	30683m	0.704	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	13868m	0.288	ng/ul	
23) Benzo(a)pyrene	23.47	252	21147	0.577	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	15150	0.306	ng/ul	98
25) Dibenzo(a,h)anthracene	25.85	278	4463	0.111	ng/ul#	87
26) Benzo(a,h,i)perylene	26.53	276	14662	0.316	ng/ul	98

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

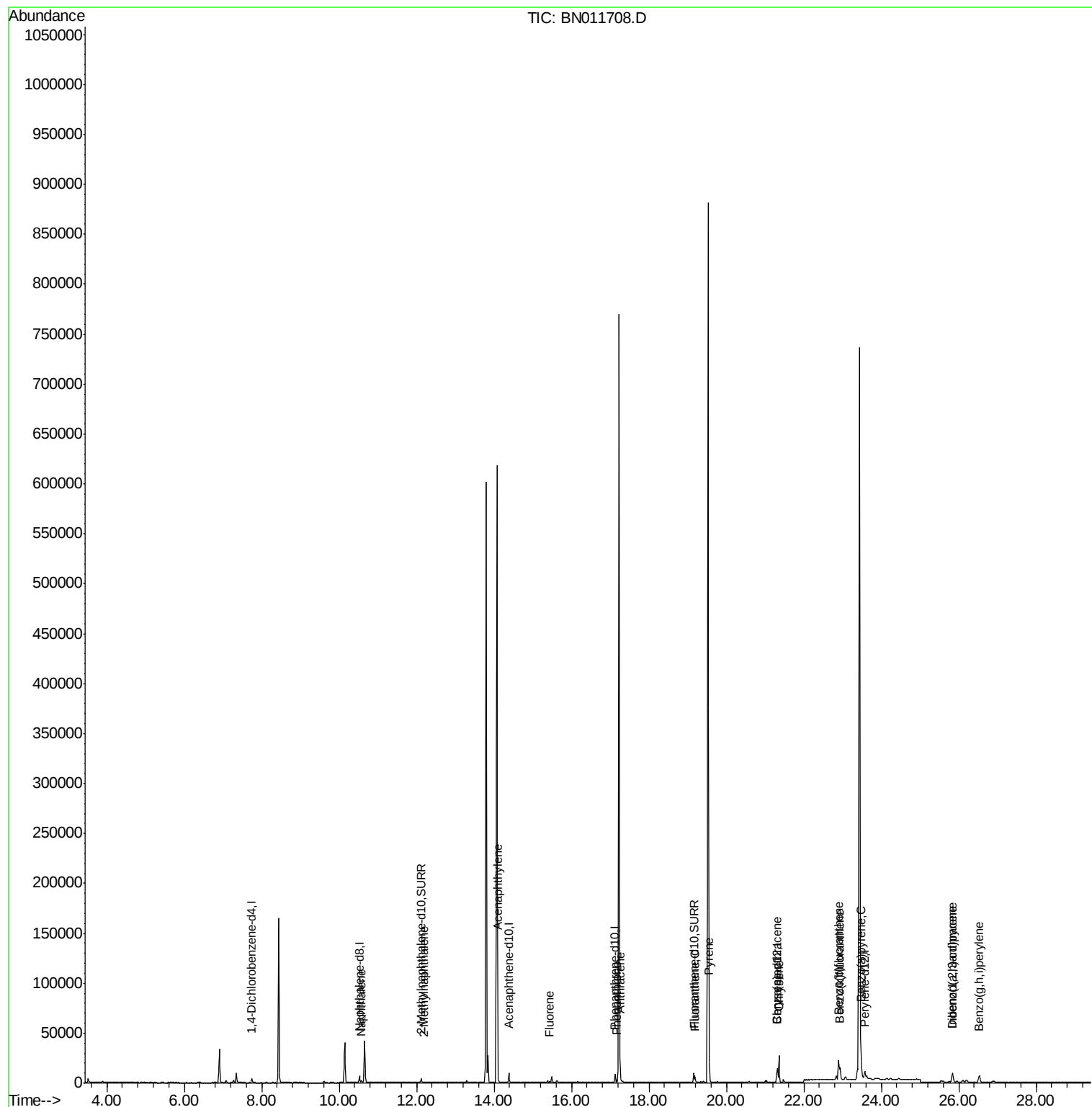
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

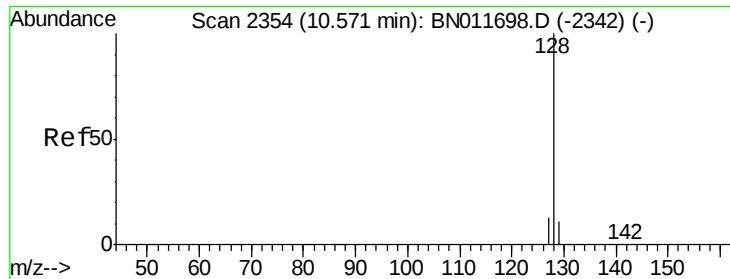
Instrument :
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C0AA8

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Quant Time: Sep 05 01:48:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.109 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

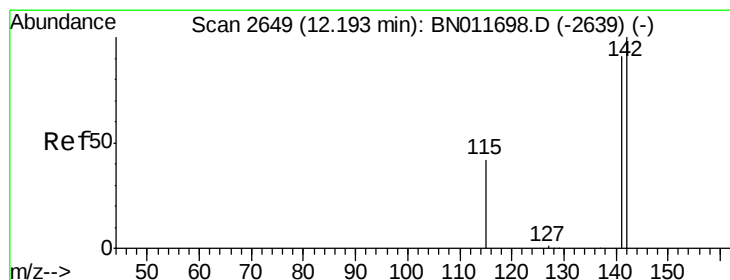
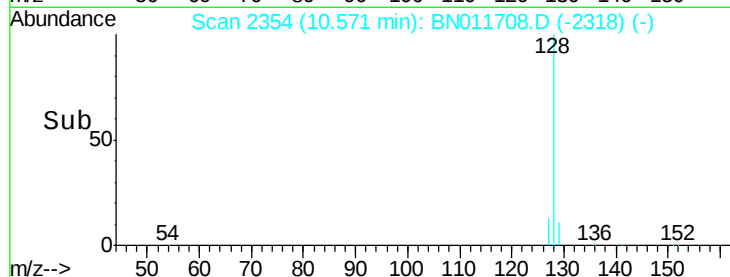
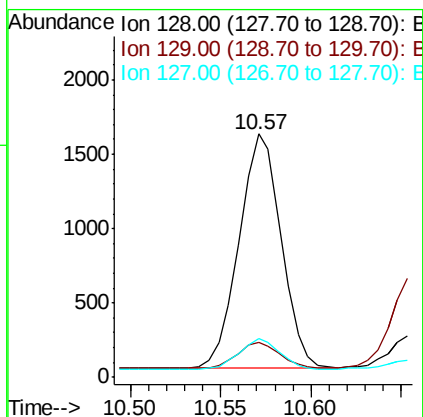
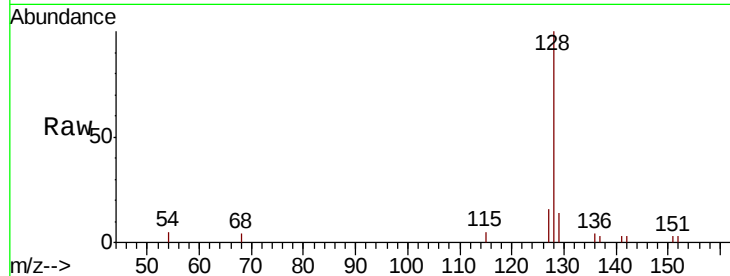
ClientSampleId :

C0AA8

Tot Ion:	128	Resp:	2566
Ion	Ratio	Lower	Upper
128	100		
129	14.5	10.4	15.6
127	15.7	11.4	17.0

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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

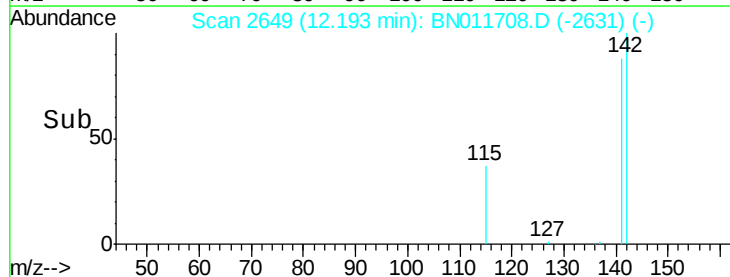
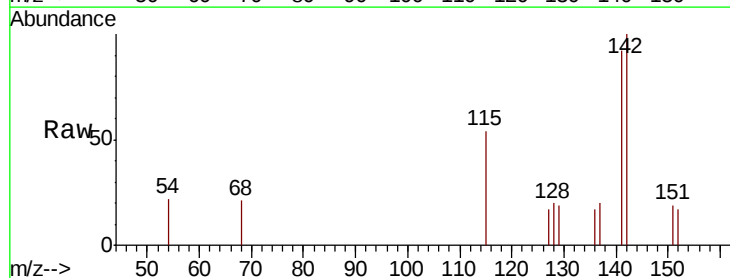
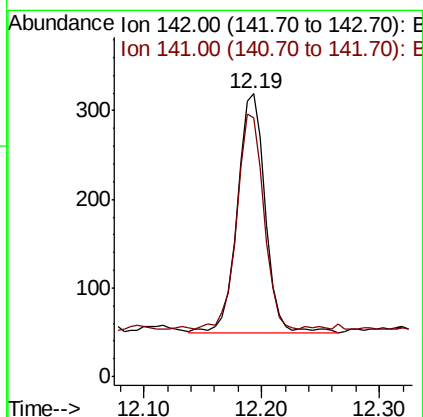
RT: 12.19 min Scan# 2649

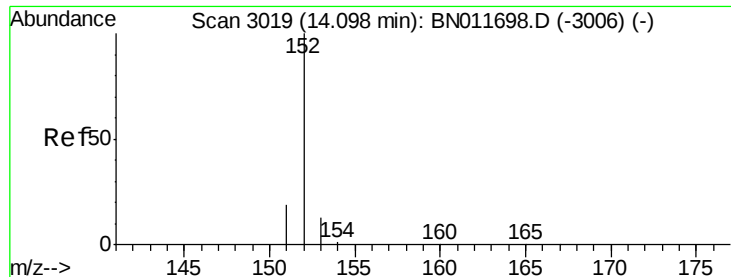
Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Tgt Ion:	142	Resp:	450
Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.1	108.1





#7

Acenaphthylene

Concen: 0.130 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

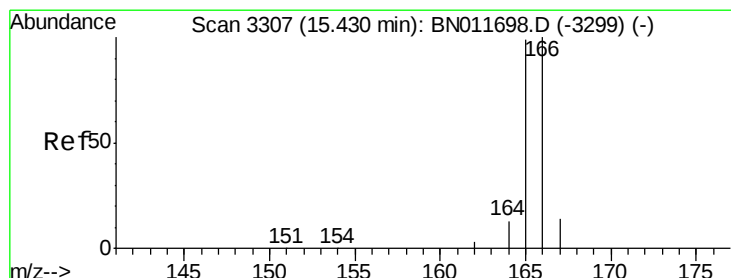
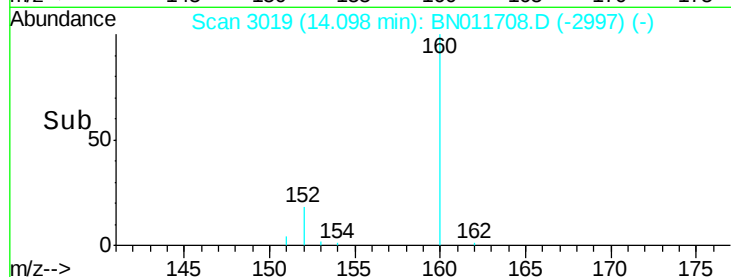
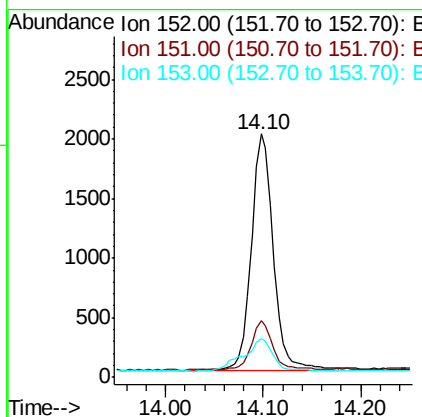
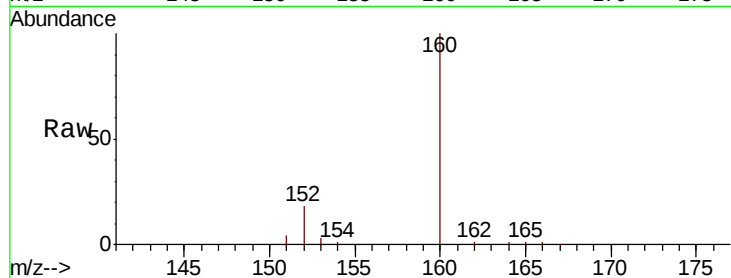
ClientSampled :

C0AA8

Tot Ion:	152	Resp:	3143
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.7	25.1
153	15.7	12.3	18.5

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#9

Fluorene

Concen: 0.027 ng/ul

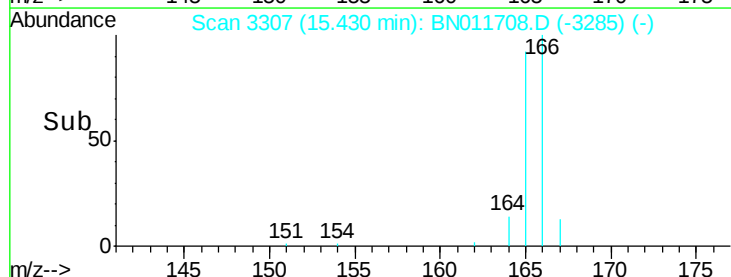
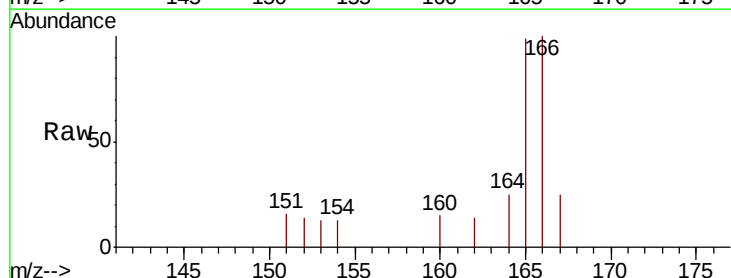
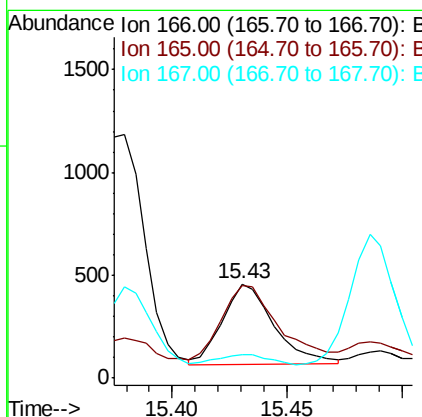
RT: 15.43 min Scan# 3307

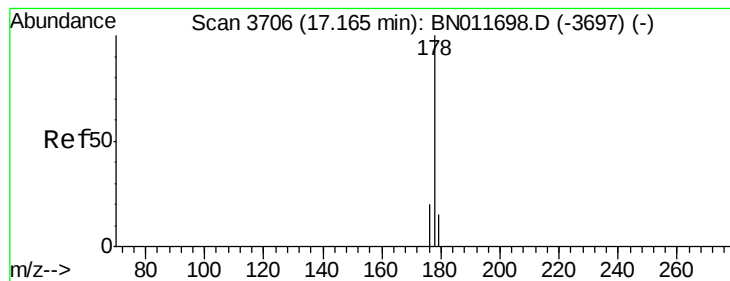
Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Tgt Ion:	166	Resp:	610
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.7	116.5
167	24.7	12.5	18.7#





#12

Phenanthrene

Concen: 0.079 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

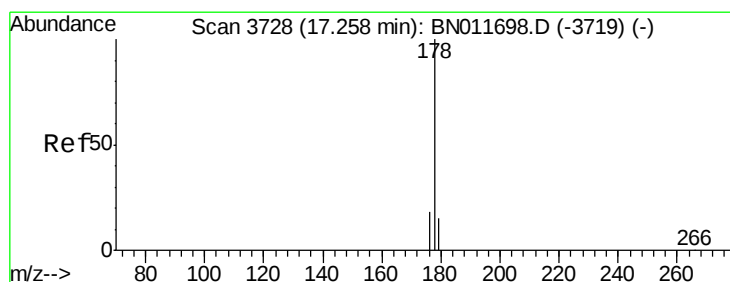
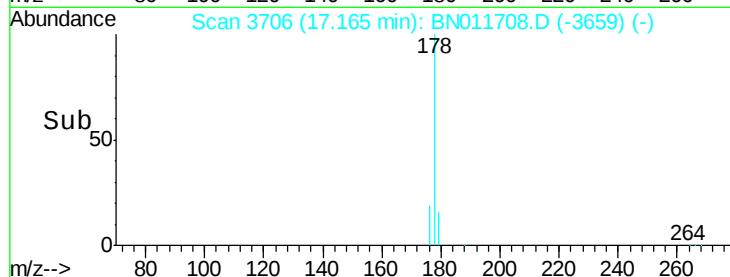
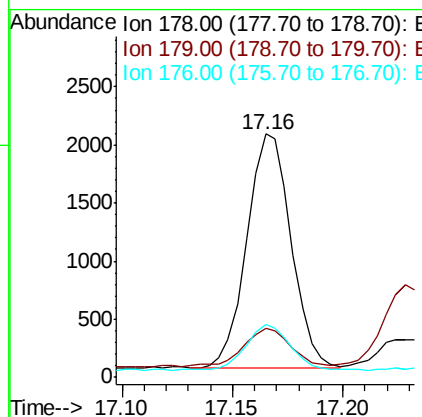
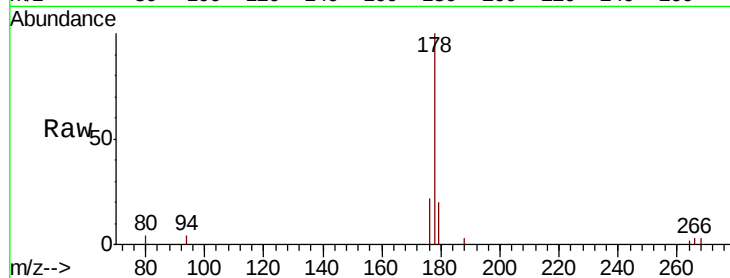
ClientSampleId :

C0AA8

Tot Ion:178	Resp:	2784
Ion Ratio	Lower	Upper
178	100	
179	20.0	13.8 20.8
176	21.6	16.3 24.5

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#13

Anthracene

Concen: 0.161 ng/ul

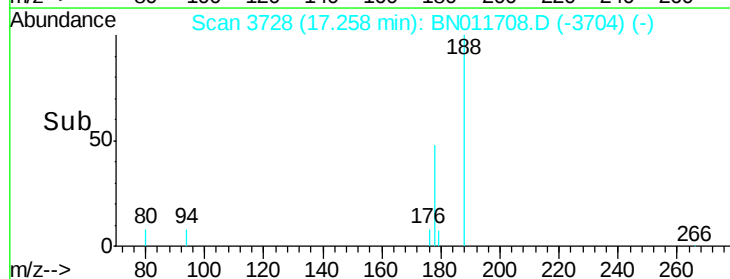
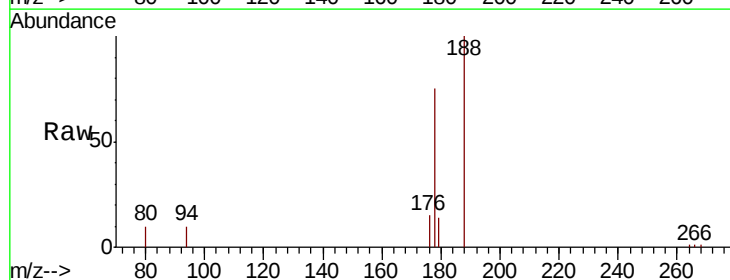
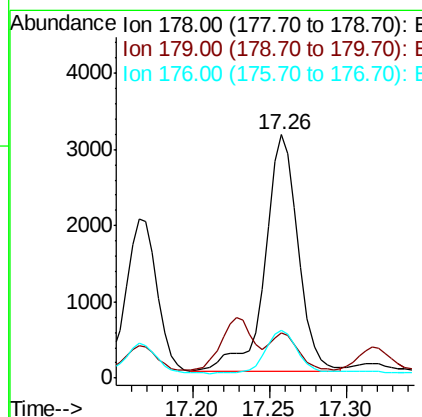
RT: 17.26 min Scan# 3728

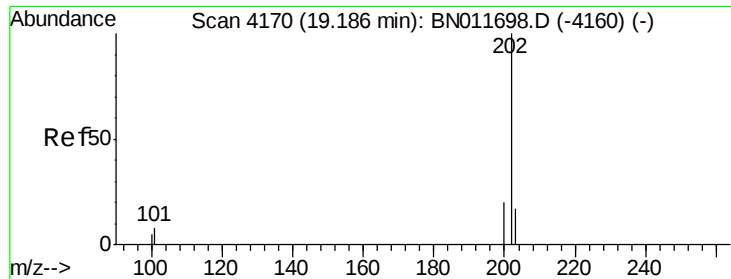
Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Tgt Ion:178	Resp:	4634
Ion Ratio	Lower	Upper
178	100	
179	18.8	14.2 21.2
176	19.9	15.8 23.8





#15

Fluoranthene

Concen: 0.132 ng/ul

RT: 19.19 min Scan# 4170

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

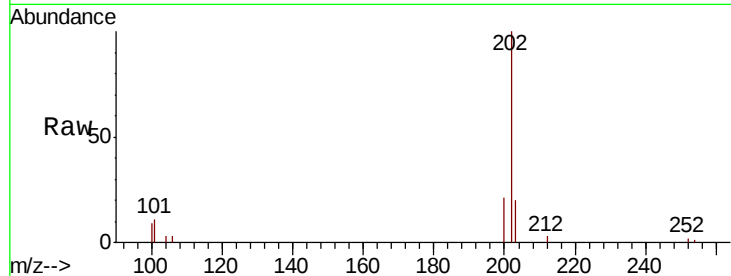
ClientSampleId :

C0AA8

Tot Ion:	202	Resp:	5315
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	28.3
100	8.8	0.0	27.1

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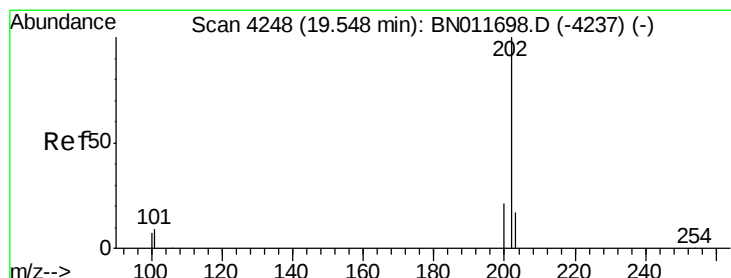
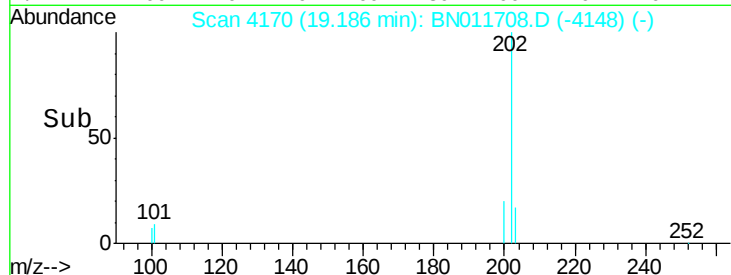
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.19

Time-->



#17

Pyrene

Concen: 0.570 ng/ul m

RT: 19.55 min Scan# 4249

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Tgt Ion:	202	Resp:	21248
Ion Ratio	Lower	Upper	
202	100		
101	10.1	7.3	10.9
100	8.6	6.7	10.1

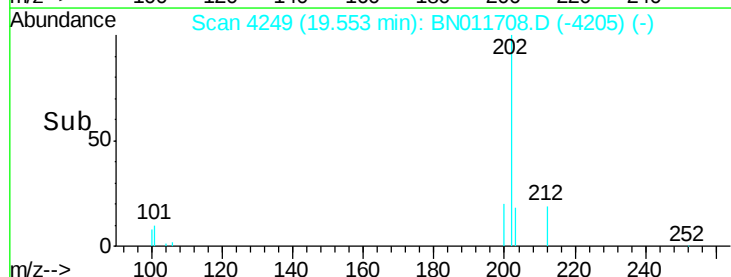
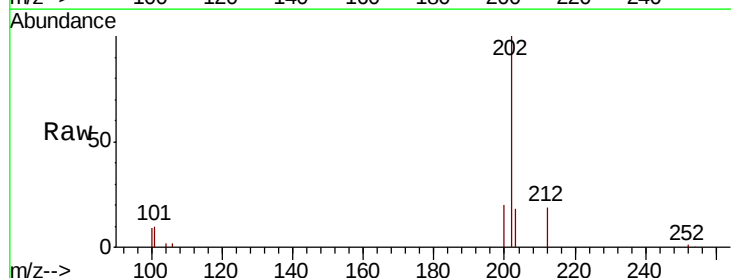
Abundance Ion 202.00 (201.70 to 202.70): E

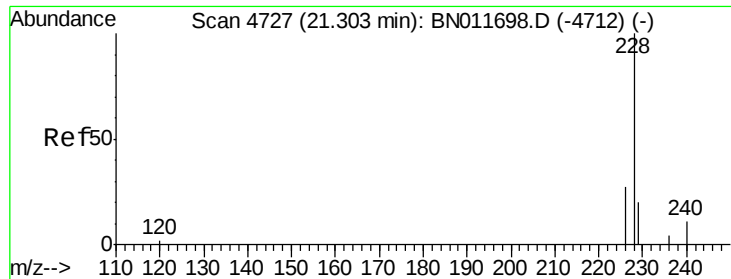
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.55

Time-->





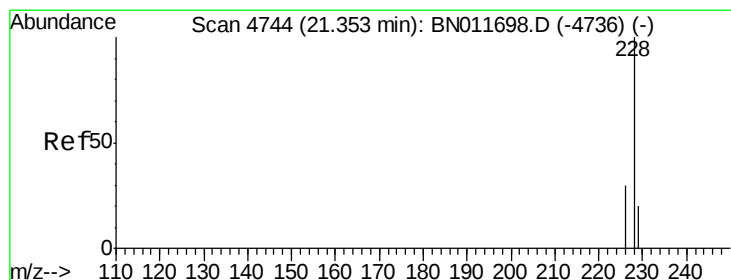
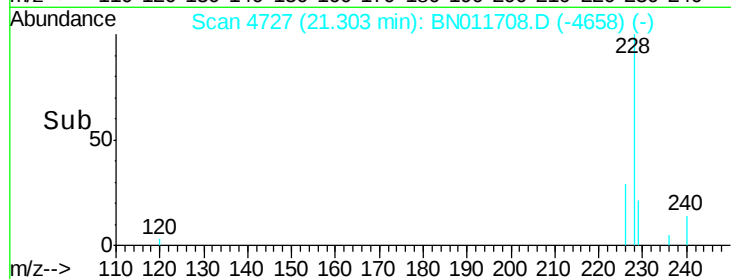
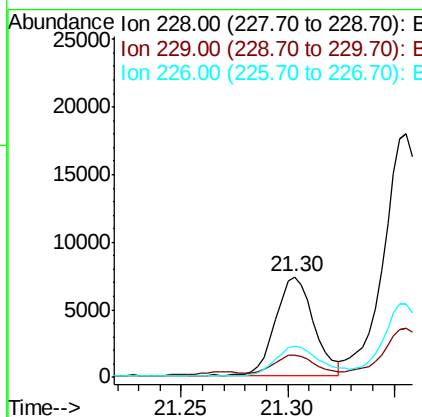
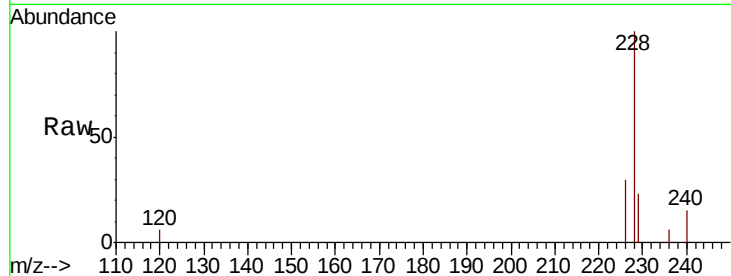
#18
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.30 min Scan# 4727
Delta R.T. 0.00 min
Lab File: BN011708.D
Acq: 04 Sep 2020 18:44

Instrument :
BNA_N
ClientSampled :
C0AA8

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.7	25.1
226	30.5	22.9	34.3

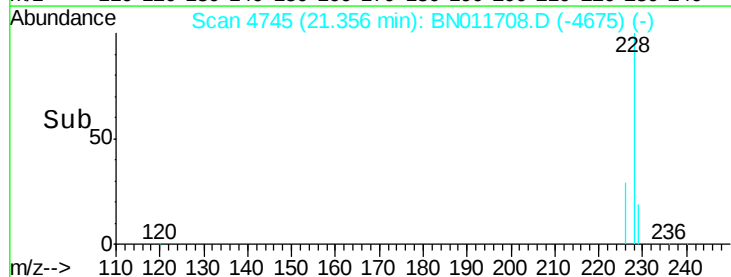
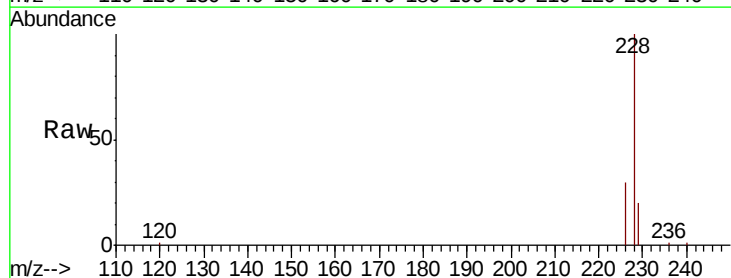
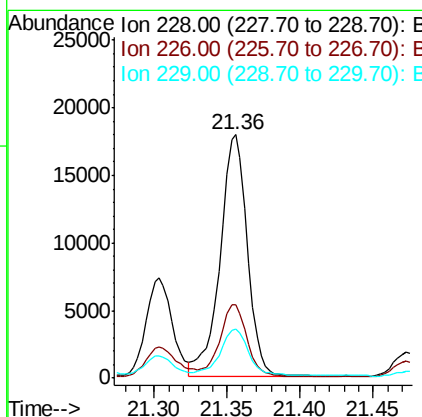
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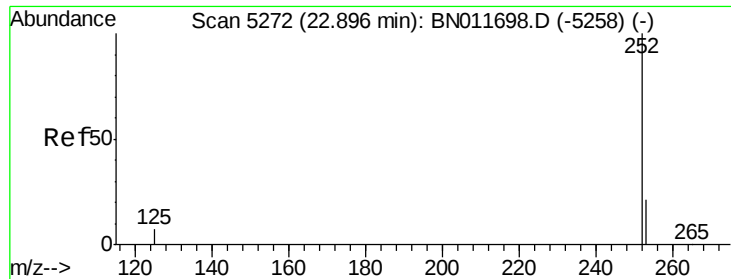
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#19
Chrysene
Concen: 0.535 ng/ul
RT: 21.36 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN011708.D
Acq: 04 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.3	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.704 ng/ul m

RT: 22.90 min Scan# 5273

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

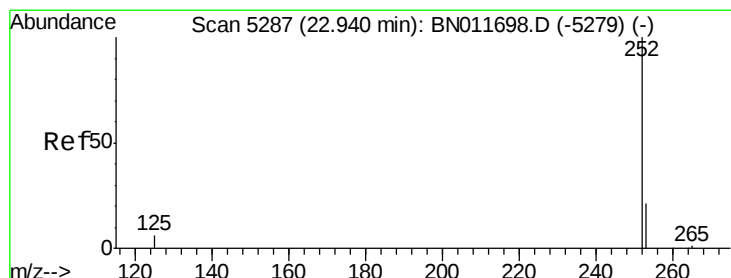
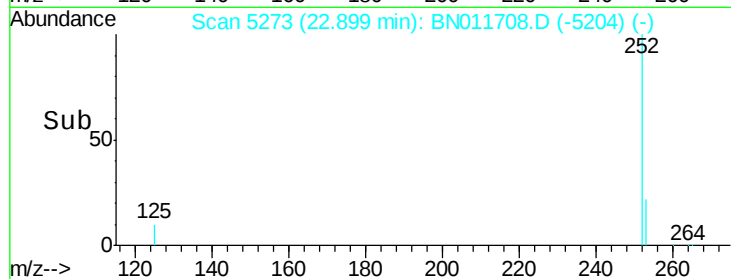
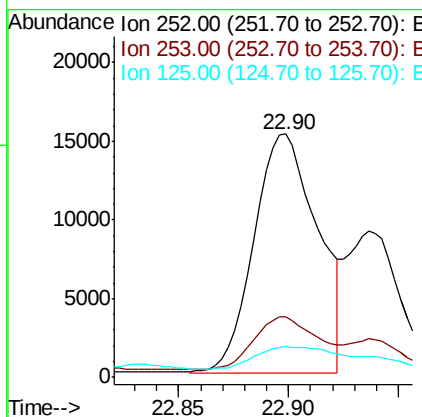
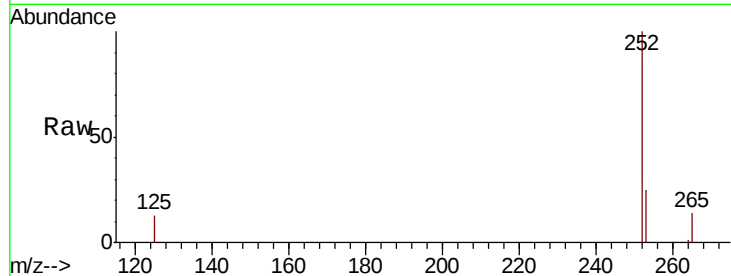
ClientSampleId :

C0AA8

Tot Ion:	252	Resp:	30683
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	54.8
125	12.6	0.0	22.2

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#22

Benzo(k)fluoranthene

Concen: 0.288 ng/ul m

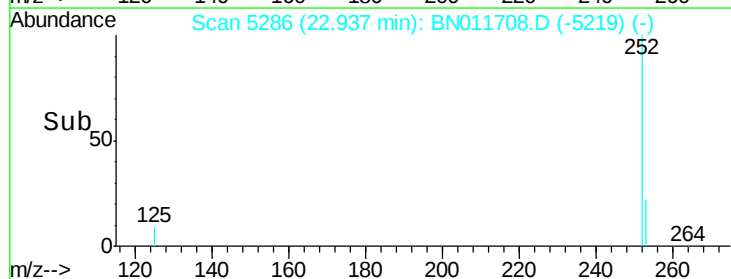
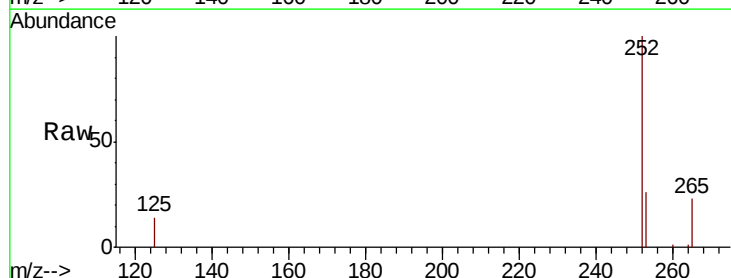
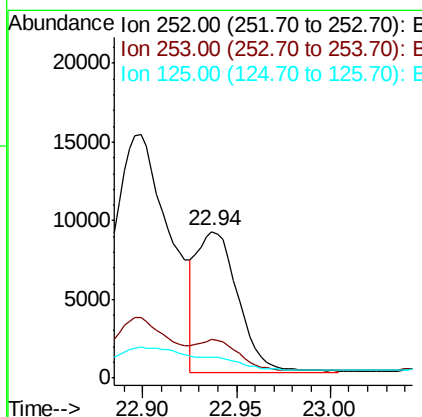
RT: 22.94 min Scan# 5286

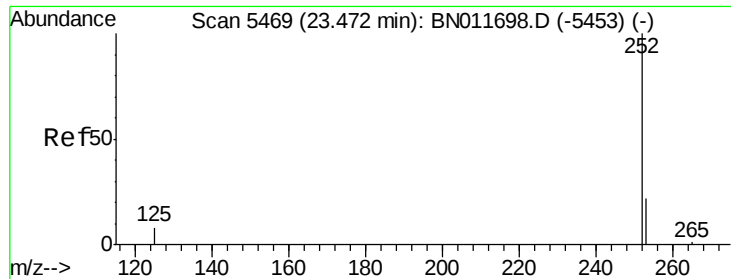
Delta R.T. -0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Tgt Ion:	252	Resp:	13868
Ion Ratio	Lower	Upper	
252	100		
253	26.3	21.8	32.6
125	14.4	9.1	13.7#





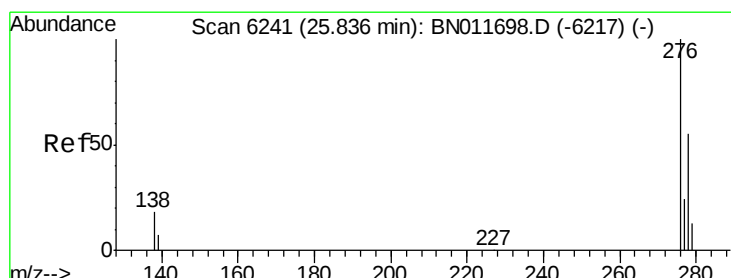
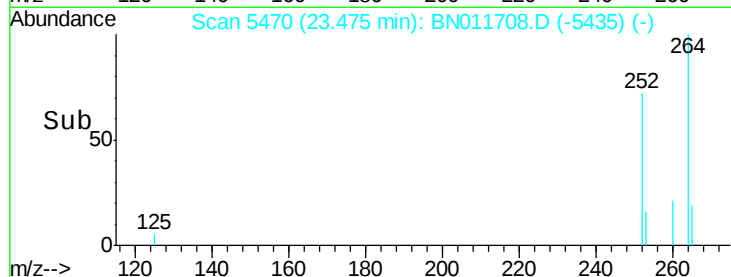
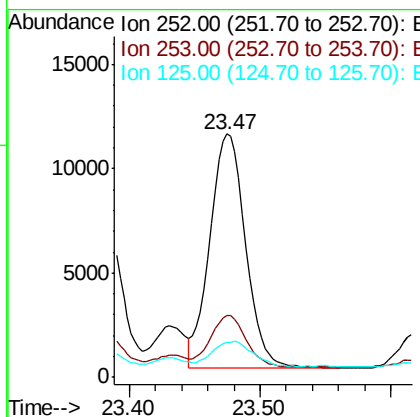
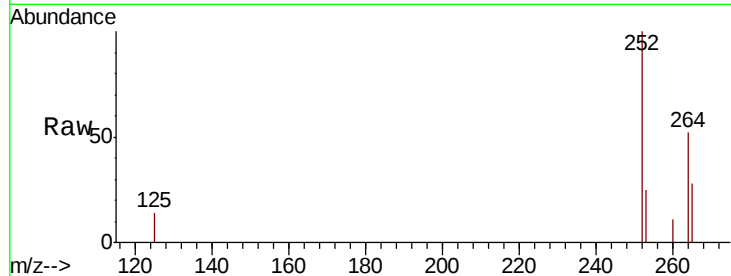
#23
Benzo(a)pyrene
Concen: 0.577 ng/ul
RT: 23.47 min Scan# 5470
Delta R.T. 0.00 min
Lab File: BN011708.D
Acq: 04 Sep 2020 18:44

Instrument :
BNA_N
ClientSampleId :
C0AA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	24.4	36.6
125	14.1	11.1	16.7

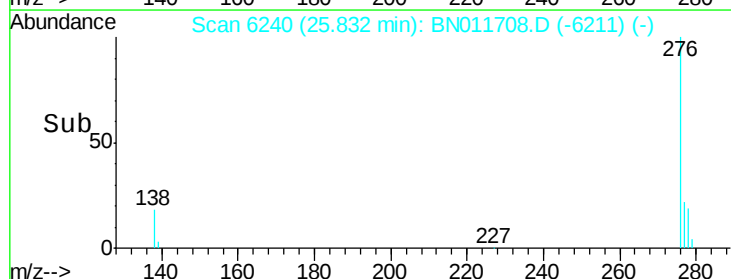
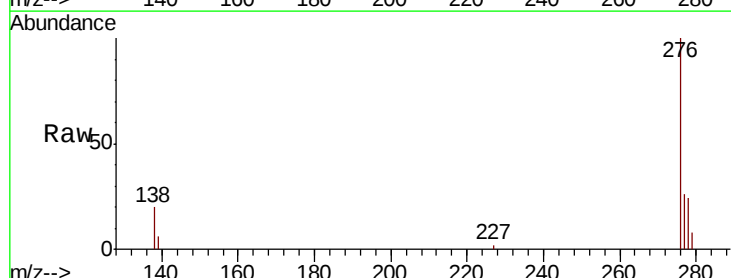
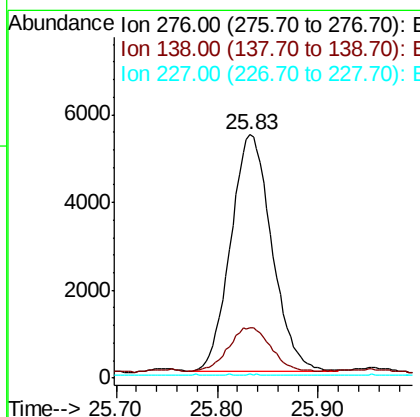
Manual Integrations
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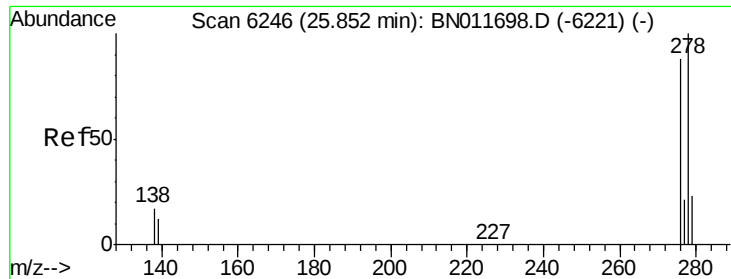
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.00 min
Lab File: BN011708.D
Acq: 04 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.8	23.6
227	0.2	0.2	0.2





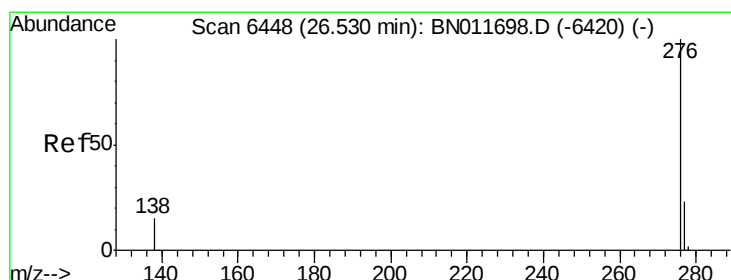
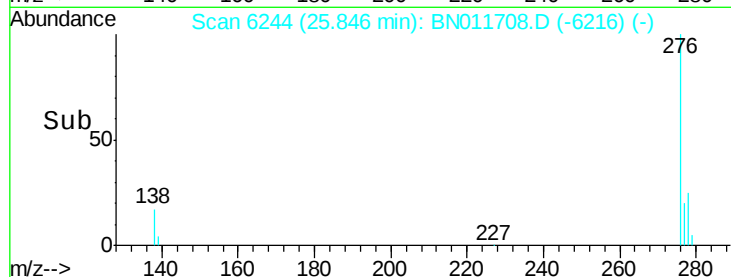
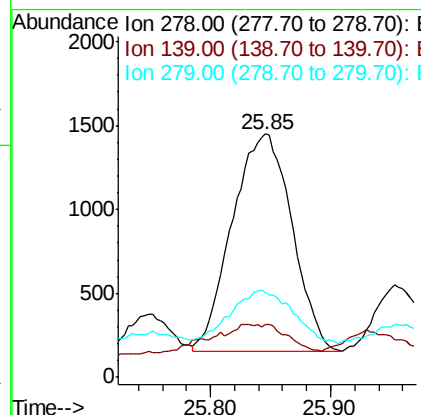
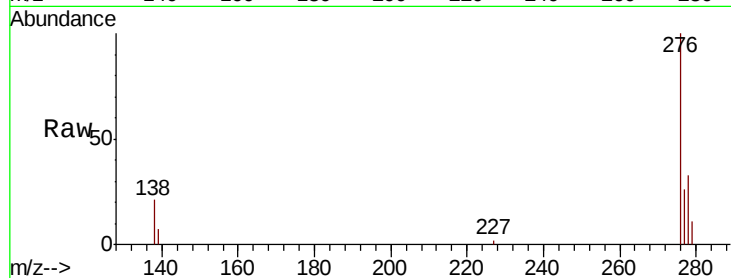
#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.85 min Scan# 6244
Delta R.T. -0.01 min
Lab File: BN011708.D
Acq: 04 Sep 2020 18:44

Instrument :
BNA_N
ClientSampleId :
C0AA8

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.8	12.1	18.1#
279	34.6	22.9	34.3#

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:00 PM



#26
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.53 min Scan# 6447
Delta R.T. -0.00 min
Lab File: BN011708.D
Acq: 04 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	15.8	23.6
277	25.5	20.6	31.0

