

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013512.D
 Acq On : 27 Jan 2021 18:57
 Operator : CG/JU
 Sample : M1099-16DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C12DL

Manual Integrations
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mohammad
 1/28/2021 11:44:23 AM

Quant Time: Jan 28 00:52:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 23:35:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	6187	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	23673	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	13402	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	28660	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	26750	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	25460	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5921	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	12950	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	12147	0.177	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	4023	0.093	ng/ul	100
7) Acenaphthylene	13.92	152	37475	0.679	ng/ul	99
8) Acenaphthene	14.26	153	13208	0.269	ng/ul	98
9) Fluorene	15.25	166	13149	0.242	ng/ul	98
12) Phenanthrene	16.99	178	65217	0.695	ng/ul	99
13) Anthracene	17.08	178	12631	0.164	ng/ul	97
15) Fluoranthene	19.01	202	62322	0.608	ng/ul	99
17) Pyrene	19.38	202	126161	1.152	ng/ul	97
18) Benzo(a)anthracene	21.14	228	5630	0.064	ng/ul#	1
19) Chrysene	21.19	228	8155	0.074	ng/ul#	88
21) Benzo(b)fluoranthene	22.67	252	7581m	0.071	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	2391m	0.021	ng/ul	
23) Benzo(a)pyrene	23.23	252	7785	0.086	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.47	276	6669	0.055	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	17806	0.167	ng/ul	98

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

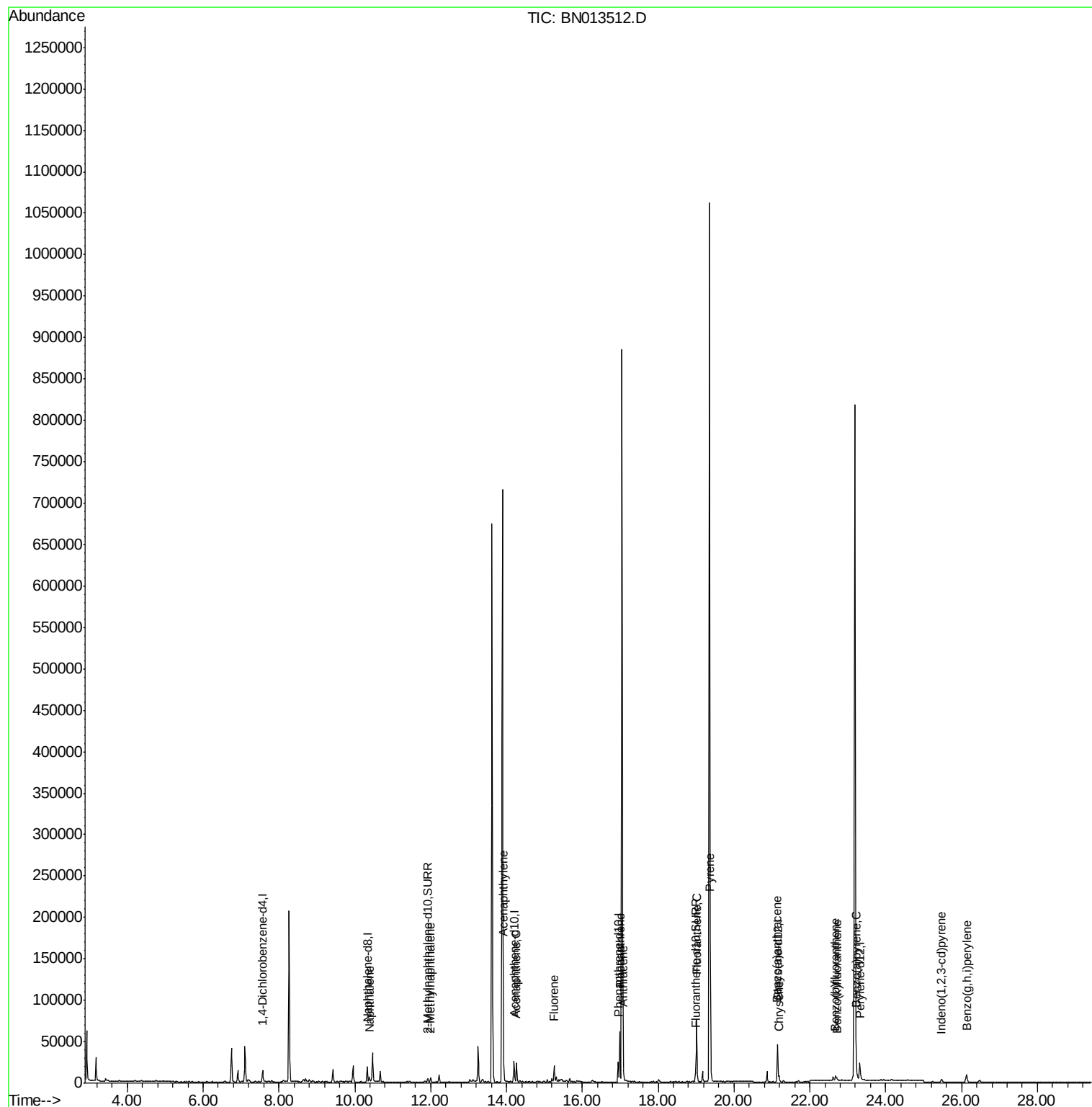
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013512.D
Acq On : 27 Jan 2021 18:57
Operator : CG/JU
Sample : M1099-16DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

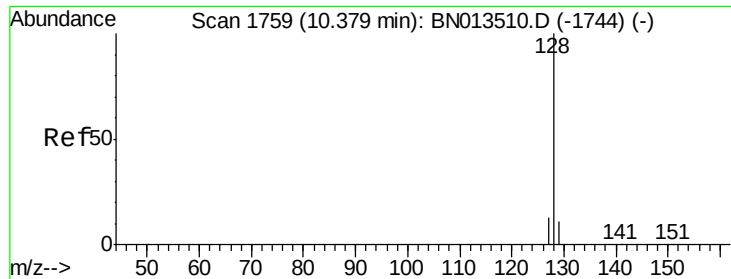
Instrument :
BNA_N
ClientSampleId :
F1C12DL

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Quant Time: Jan 28 00:52:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.177 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

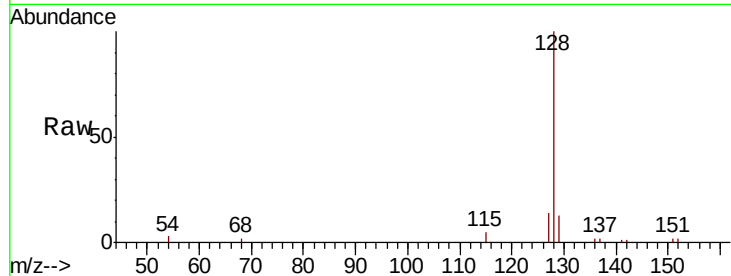
ClientSampleId :

F1C12DL

Tot Ion:	128	Resp:	12147
Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	14.4	10.6	15.8

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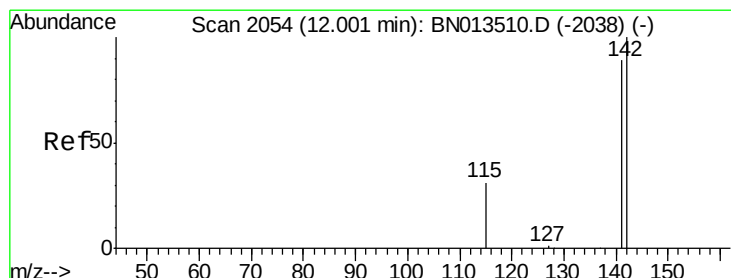
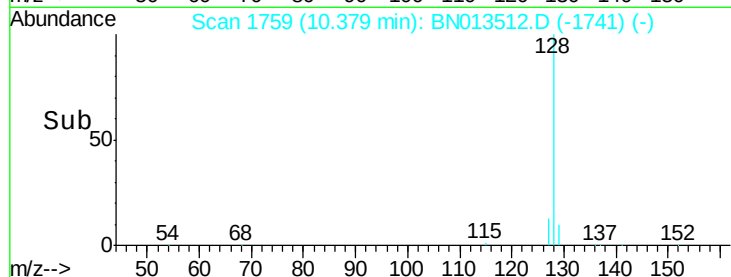
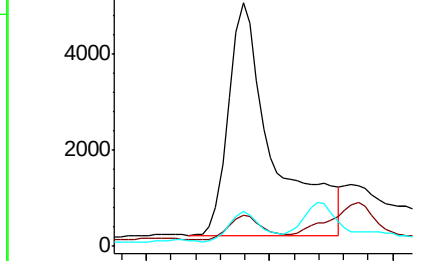
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.093 ng/ul

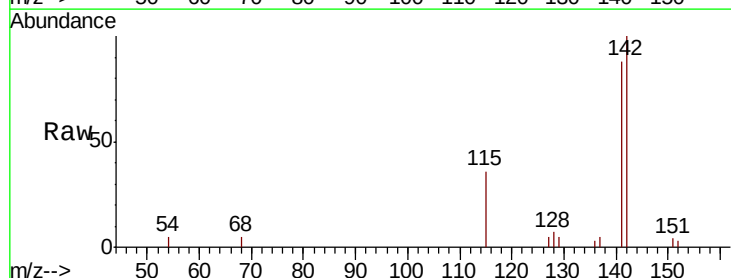
RT: 12.00 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN013512.D

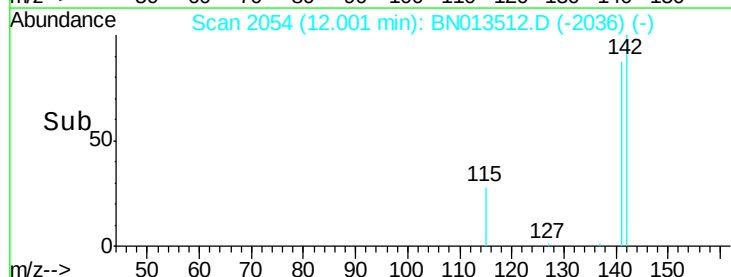
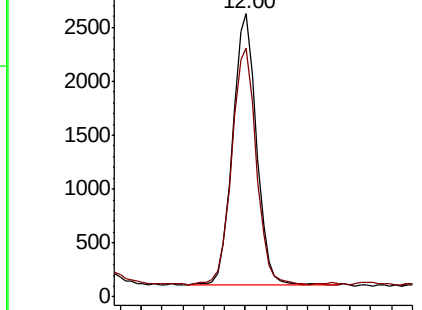
Acq: 27 Jan 2021 18:57

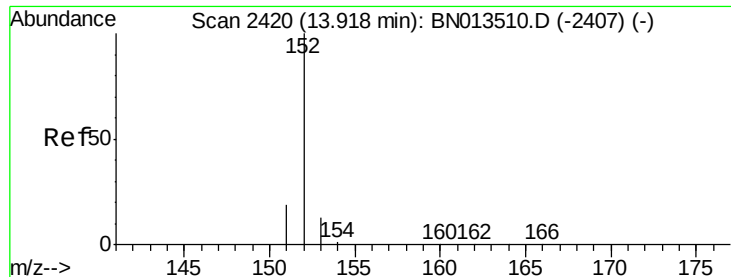
Tgt Ion:	142	Resp:	4023
Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.679 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

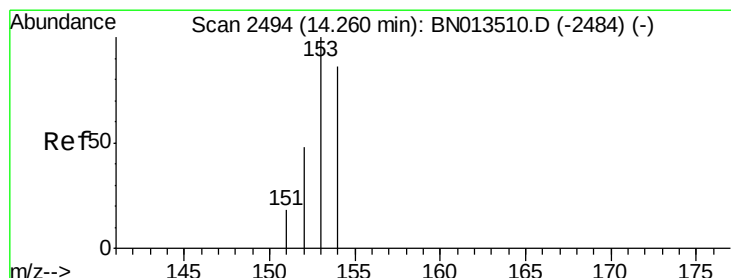
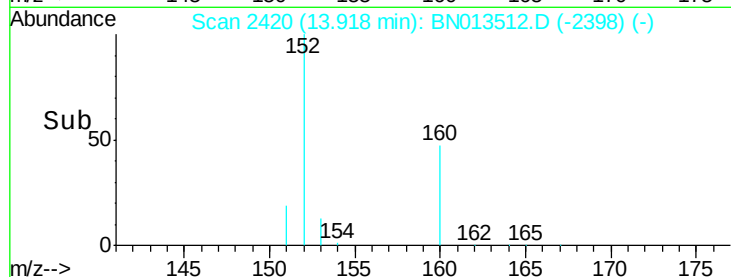
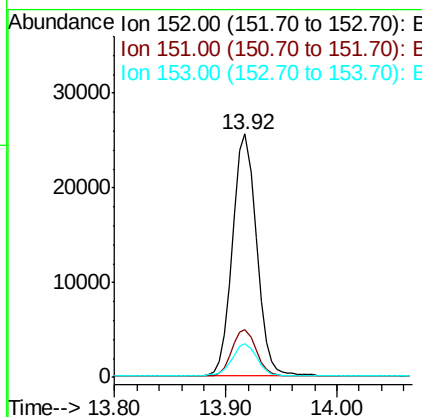
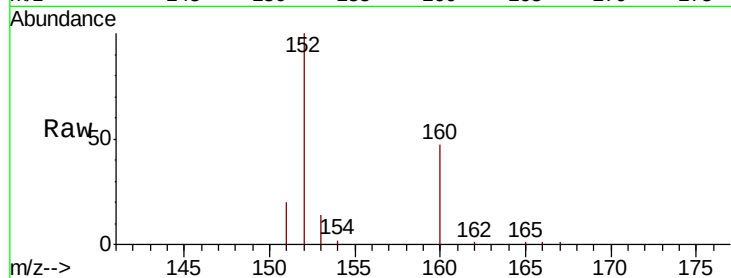
ClientSampleId :

F1C12DL

Tot Ion:	152	Resp:	37475
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.1	24.1
153	13.8	10.7	16.1

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#8

Acenaphthene

Concen: 0.269 ng/ul

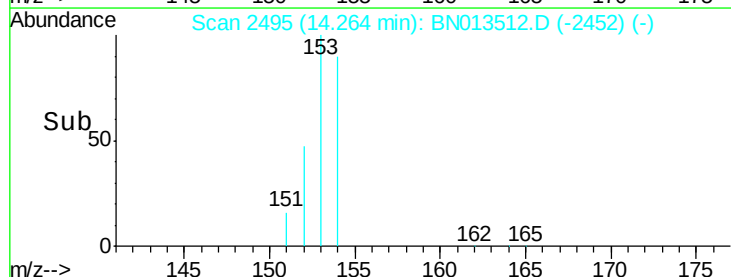
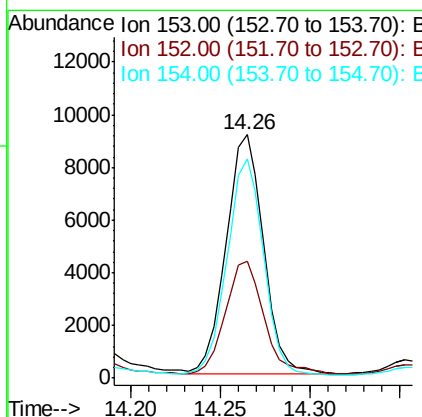
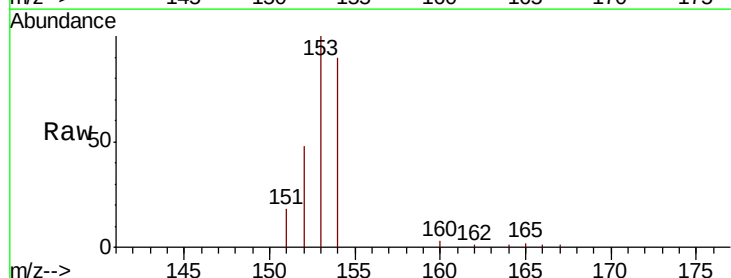
RT: 14.26 min Scan# 2495

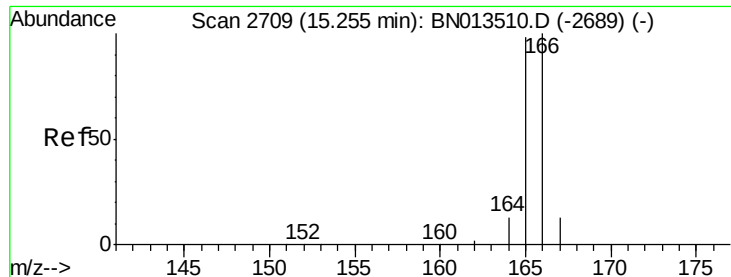
Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Tgt Ion:	153	Resp:	13208
Ion Ratio	Lower	Upper	
153	100		
152	48.1	39.5	59.3
154	90.0	70.6	105.8





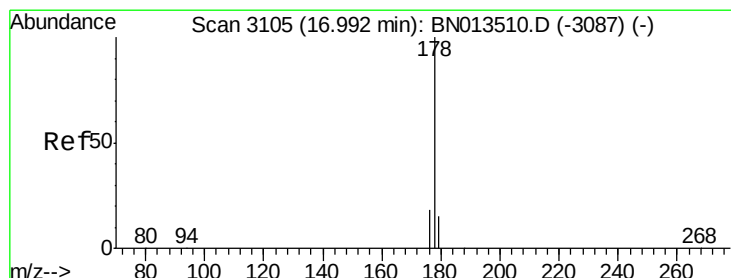
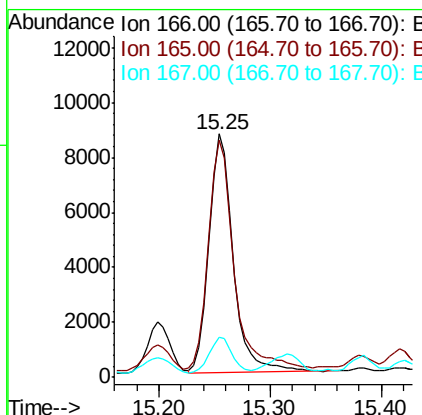
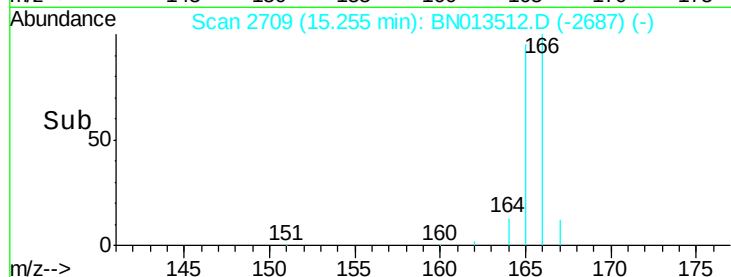
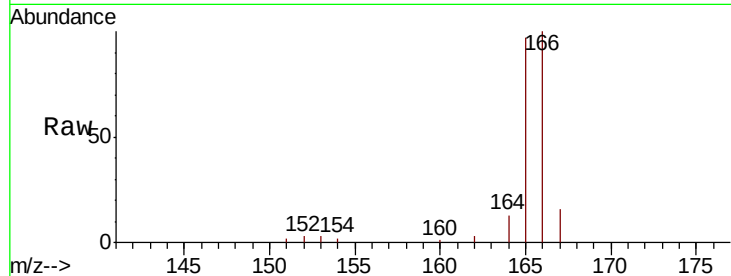
#9
Fluorene
 Concen: 0.242 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BN013512.D
 Acq: 27 Jan 2021 18:57

Instrument :
 BNA_N
 ClientSampleId :
 F1C12DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.7	118.1
167	16.4	11.3	16.9

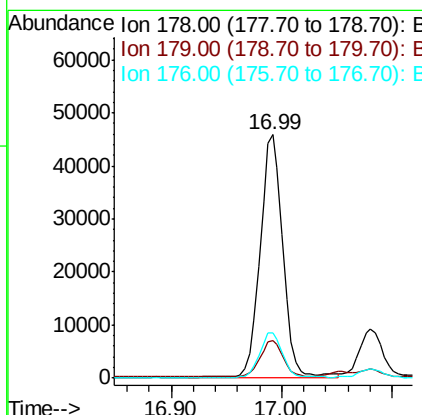
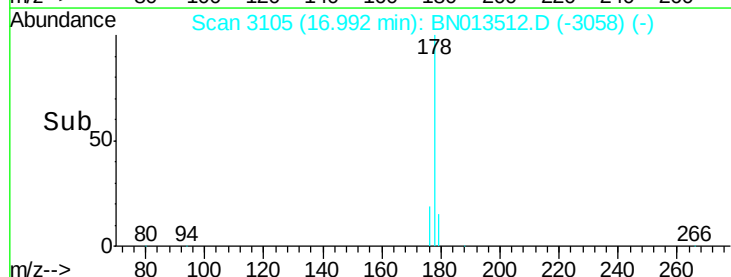
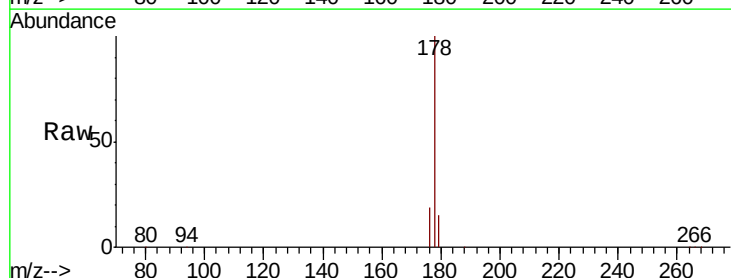
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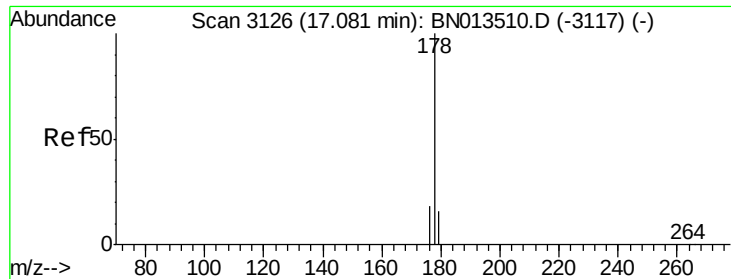
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#12
Phenanthrene
 Concen: 0.695 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BN013512.D
 Acq: 27 Jan 2021 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.8	15.6	23.4





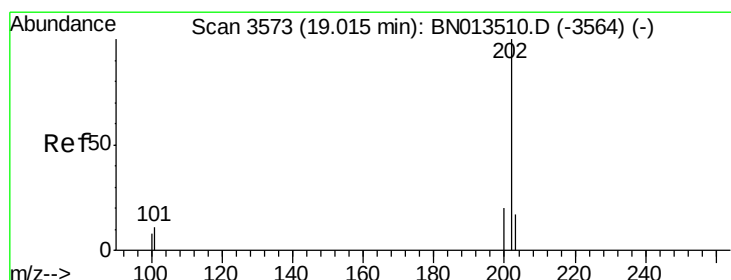
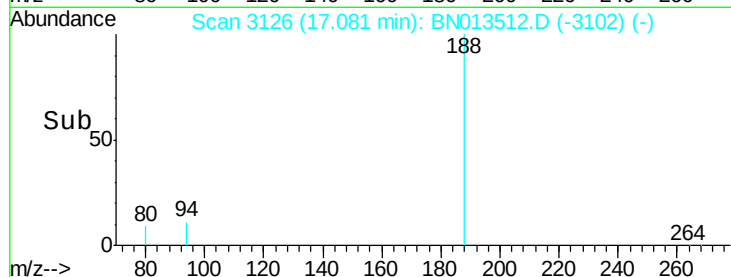
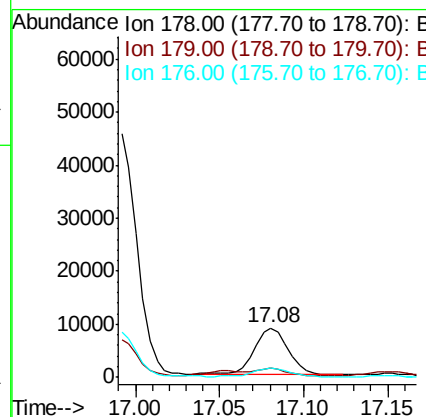
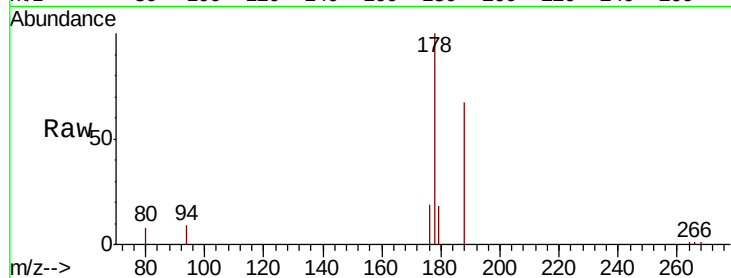
#13
 Anthracene
 Concen: 0.164 ng/ul
 RT: 17.08 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BN013512.D
 Acq: 27 Jan 2021 18:57

Instrument :
 BNA_N
 ClientSampleId :
 F1C12DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	19.0
176	19.0	15.0	22.4

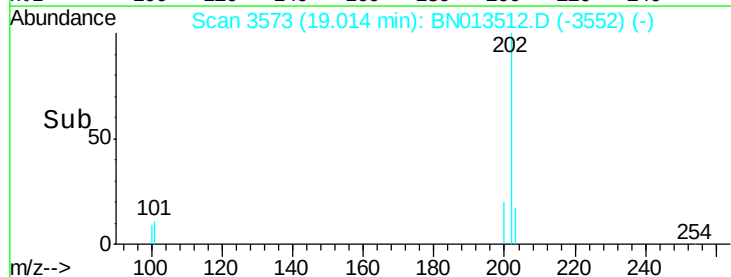
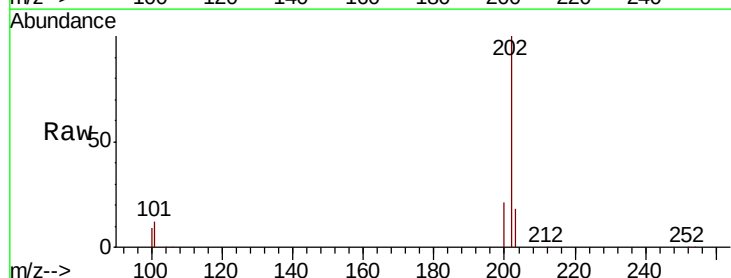
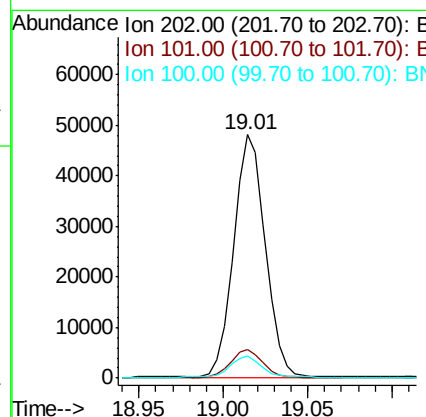
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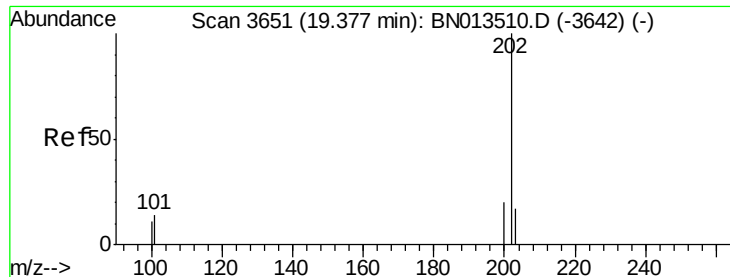
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#15
 Fluoranthene
 Concen: 0.608 ng/ul
 RT: 19.01 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: BN013512.D
 Acq: 27 Jan 2021 18:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.6
100	8.9	0.0	28.5





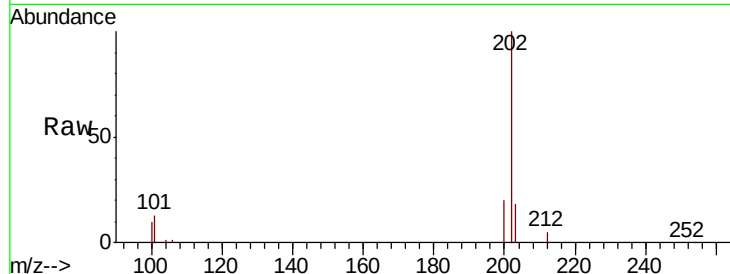
#17
Pvrene
Concen: 1.152 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BN013512.D
Acq: 27 Jan 2021 18:57

Instrument :
BNA_N
ClientSampleId :
F1C12DL

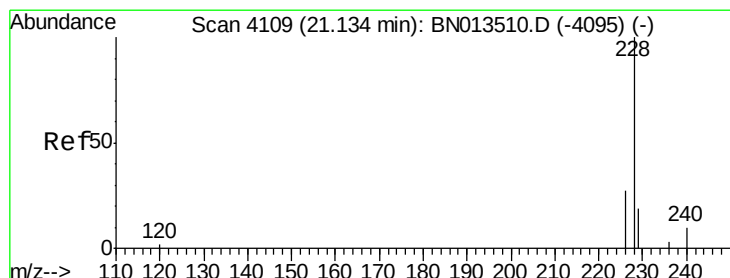
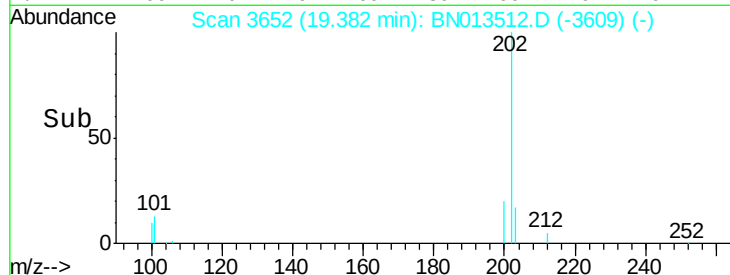
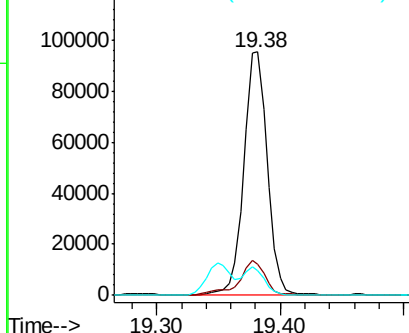
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.2	16.8
100	10.2	9.0	13.4

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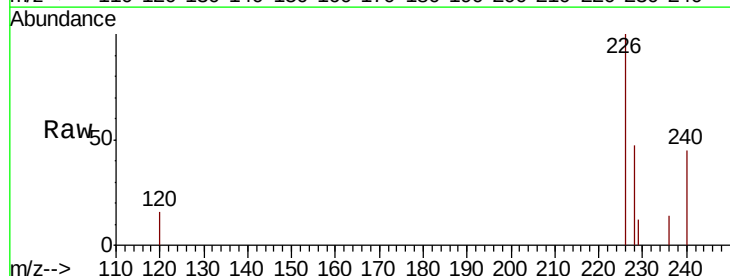


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

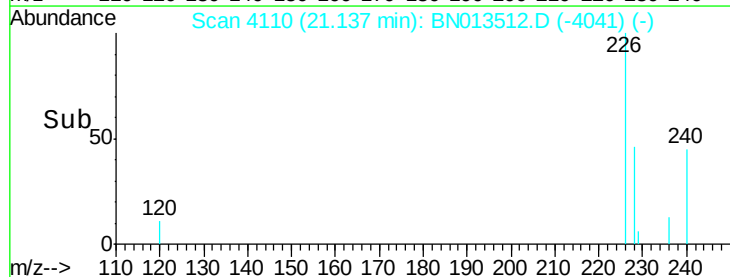
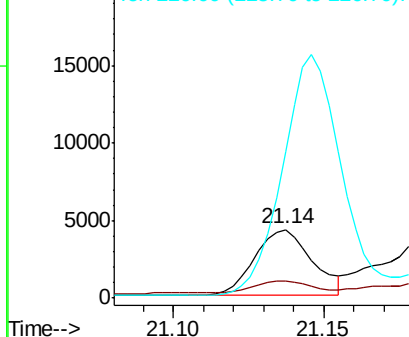


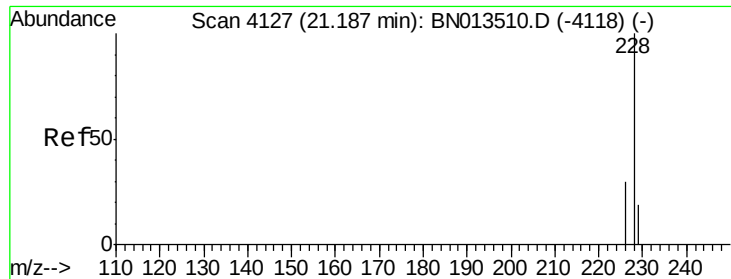
#18
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. 0.00 min
Lab File: BN013512.D
Acq: 27 Jan 2021 18:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.6	23.4#
226	214.4	21.9	32.9#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.074 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

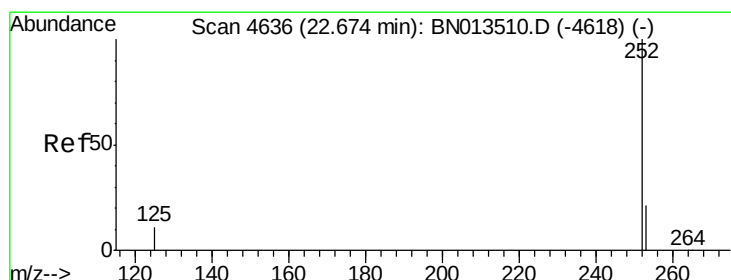
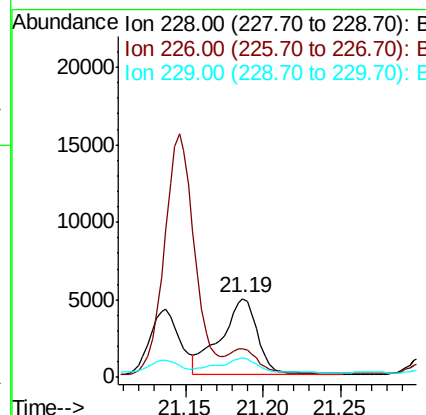
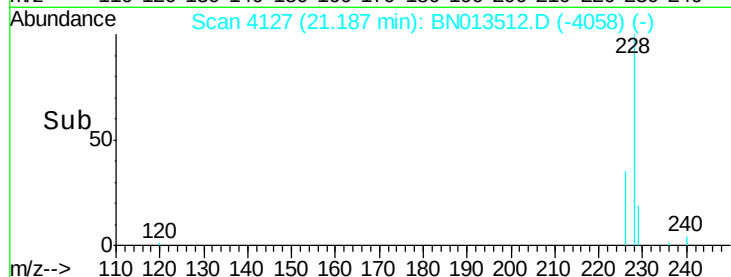
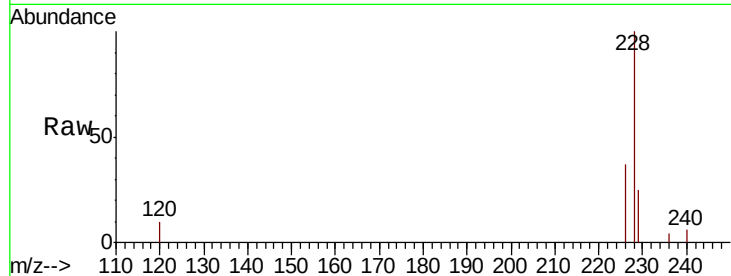
ClientSampleId :

F1C12DL

Tot Ion:	228	Resp:	8155
Ion Ratio	Lower	Upper	
228	100		
226	36.7	24.0	36.0#
229	24.9	15.8	23.8#

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#21

Benzo(b)fluoranthene

Concen: 0.071 ng/ul m

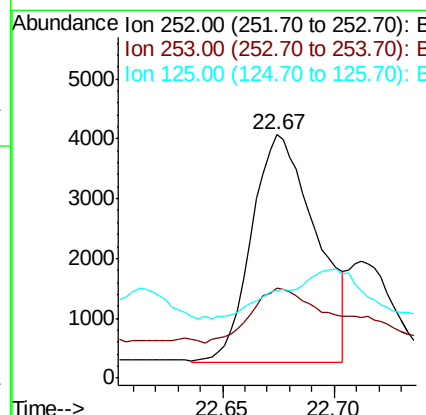
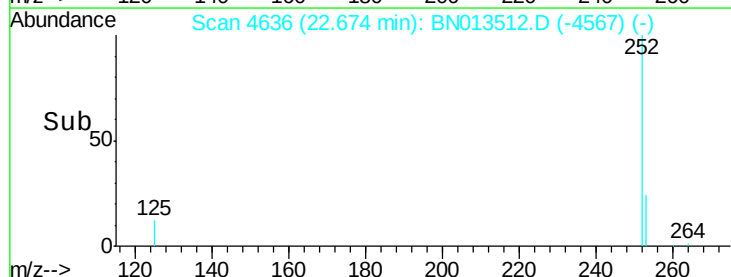
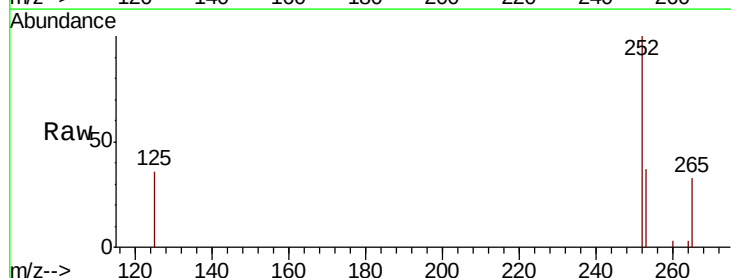
RT: 22.67 min Scan# 4636

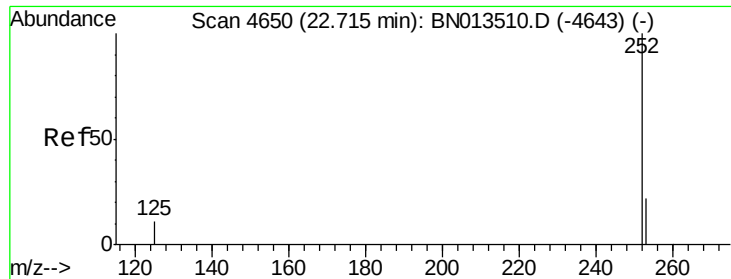
Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Tgt Ion:	252	Resp:	7581
Ion Ratio	Lower	Upper	
252	100		
253	36.8	0.0	47.4
125	36.0	0.0	26.8#





#22

Benzo(k)fluoranthene

Concen: 0.021 ng/ul

RT: 22.71 min Scan# 4649

Delta R.T. -0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

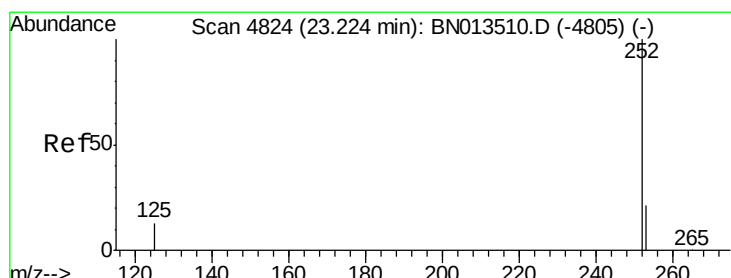
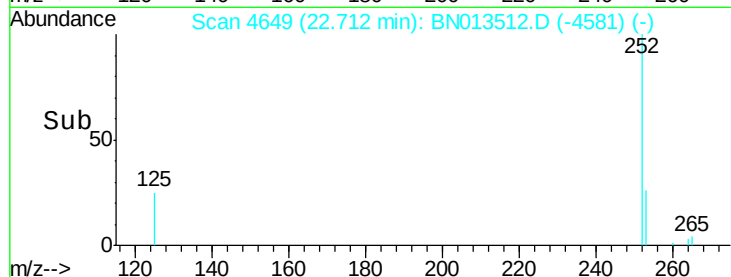
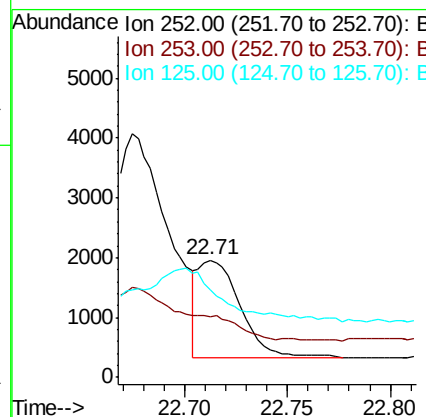
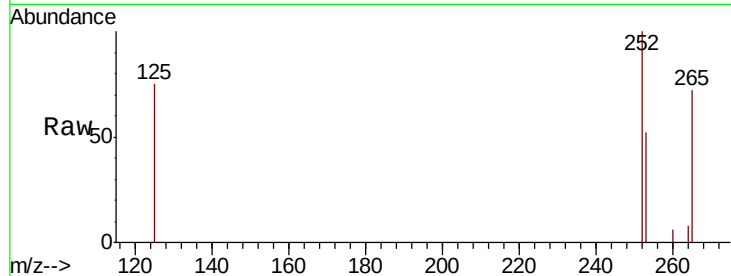
ClientSampleId :

F1C12DL

Tot Ion:	252	Resp:	2391
Ion Ratio	Lower	Upper	
252	100		
253	52.2	19.2	28.8#
125	75.1	11.4	17.2#

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#23

Benzo(a)pyrene

Concen: 0.086 ng/ul

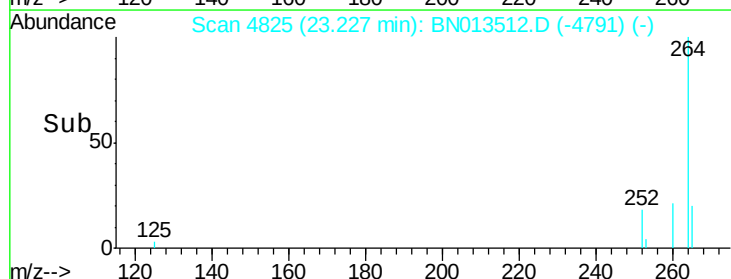
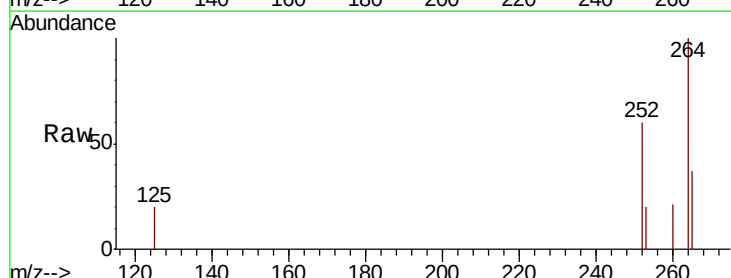
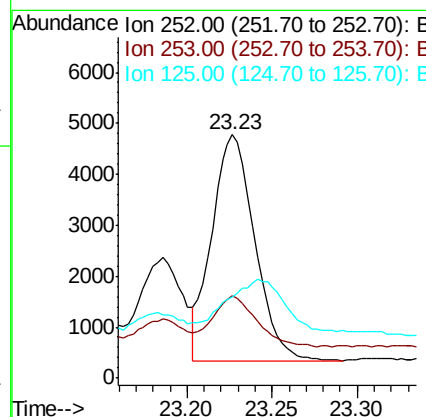
RT: 23.23 min Scan# 4825

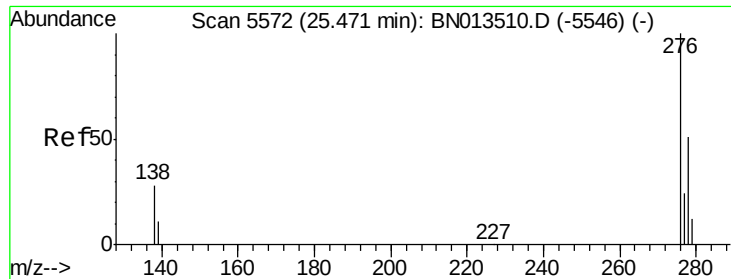
Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Tgt Ion:	252	Resp:	7785
Ion Ratio	Lower	Upper	
252	100		
253	33.7	20.1	30.1#
125	33.4	13.1	19.7#





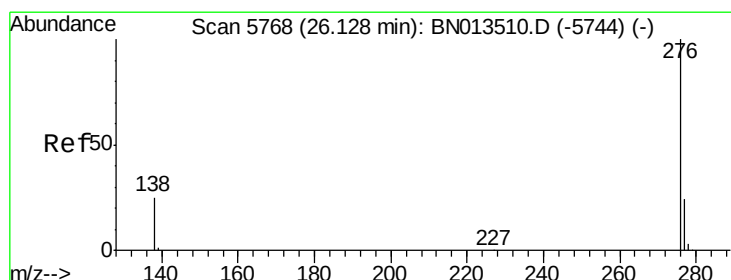
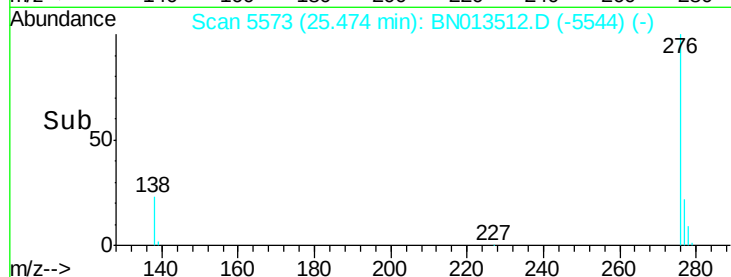
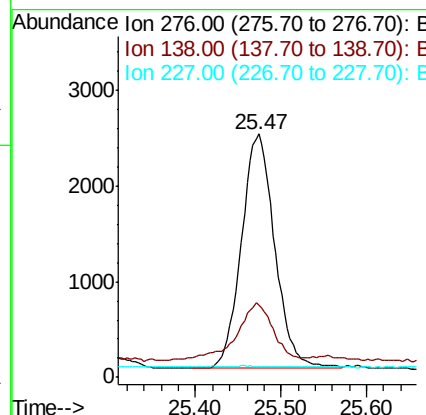
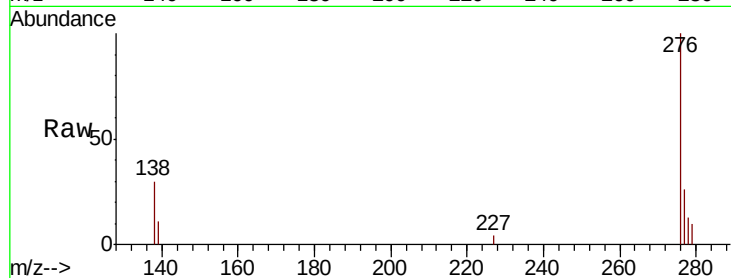
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.055 ng/ul
 RT: 25.47 min Scan# 5573
 Delta R.T. -0.00 min
 Lab File: BN013512.D
 Acq: 27 Jan 2021 18:57

Instrument :
 BNA_N
 ClientSampleId :
 F1C12DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	0.0	0.0#
227	0.2	0.0	0.0#

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:44:23 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.167 ng/ul
 RT: 26.13 min Scan# 5769
 Delta R.T. 0.00 min
 Lab File: BN013512.D
 Acq: 27 Jan 2021 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.0	31.4
277	24.5	19.5	29.3

