

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
 Data File : BN013114.D
 Acq On : 14 Dec 2020 13:42
 Operator : CG/JU
 Sample : L5063-07DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9DL

Manual Integrations
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Quant Time: Dec 14 14:27:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 11:29:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1425	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4613	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3269	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4081	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3570	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4208	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	528	0.08	ng/ul	-0.01
14) Fluoranthene-d10	18.84	212	972	0.09	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	31744	2.378	ng/ul	94
5) 2-Methylnaphthalene	11.81	142	84921	9.685	ng/ul	99
7) Acenaphthylene	13.76	152	5059	0.327	ng/ul#	1
8) Acenaphthene	14.10	153	6852	0.540	ng/ul	94
9) Fluorene	15.10	166	12716	0.873	ng/ul#	84
11) Pentachlorophenol	16.46	266	32	0.027	ng/ul#	45
12) Phenanthrene	16.84	178	148332	10.841	ng/ul	98
13) Anthracene	16.93	178	12722	1.092	ng/ul#	88
15) Fluoranthene	18.87	202	32186	1.979	ng/ul	92
17) Pyrene	19.24	202	187207	11.102	ng/ul	99
18) Benzo(a)anthracene	21.01	228	19615	1.328	ng/ul#	37
19) Chrysene	21.06	228	22177	1.359	ng/ul#	71
21) Benzo(b)fluoranthene	22.52	252	16157m	0.830	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2897m	0.135	ng/ul	
23) Benzo(a)pyrene	23.04	252	14175	0.785	ng/ul#	39
24) Indeno(1,2,3-cd)pyrene	25.19	276	5646	0.238	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.19	278	2610	0.139	ng/ul#	1
26) Benzo(g,h,i)perylene	25.83	276	10329	0.481	ng/ul#	72

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

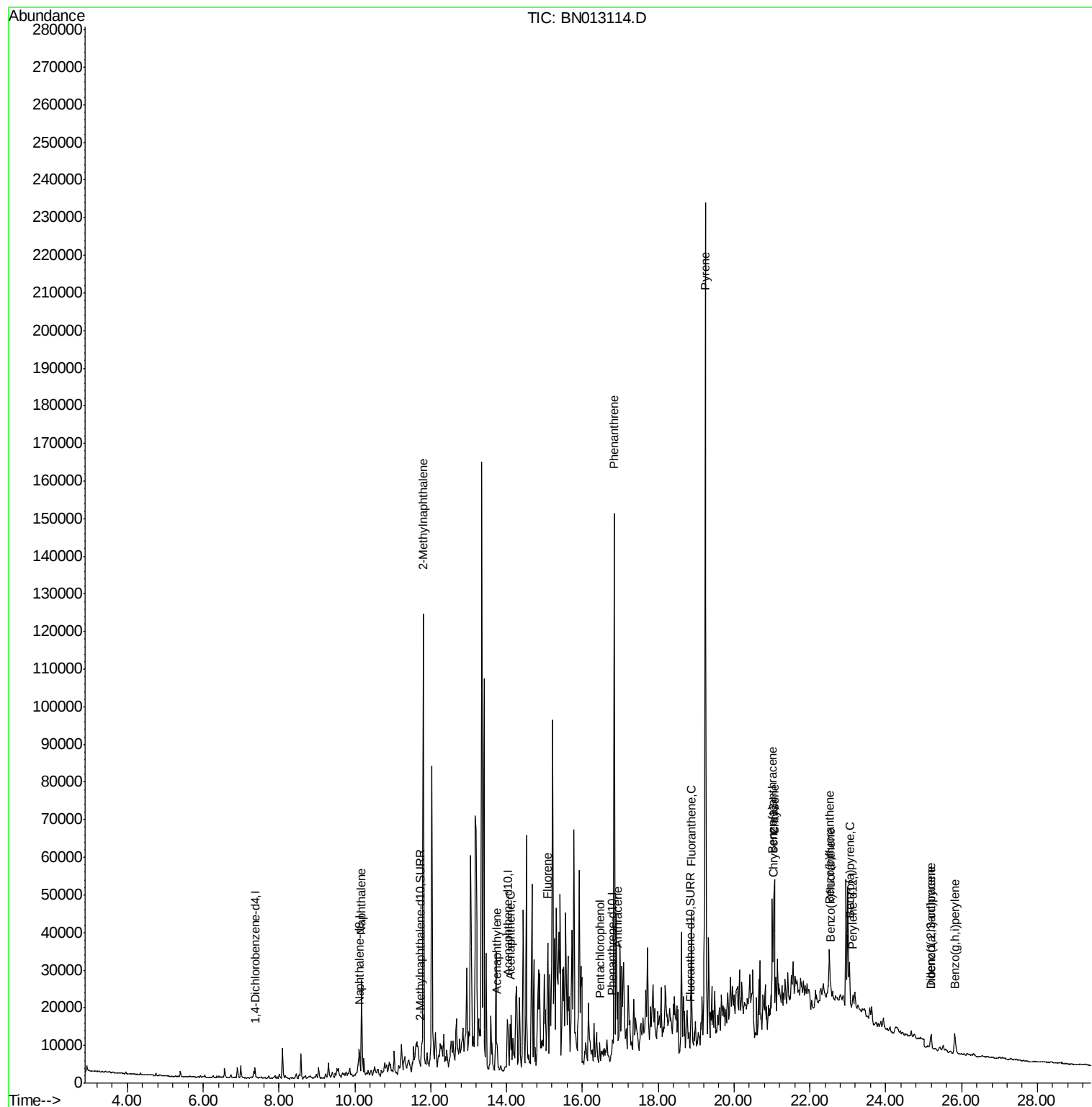
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
Data File : BN013114.D
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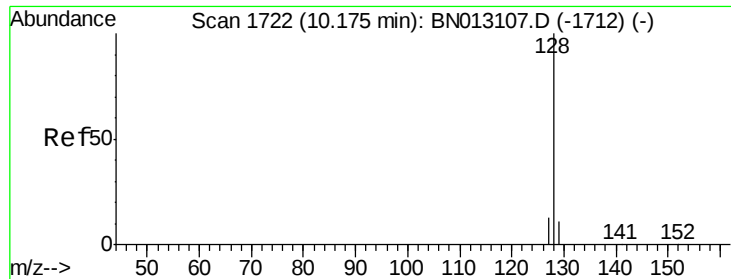
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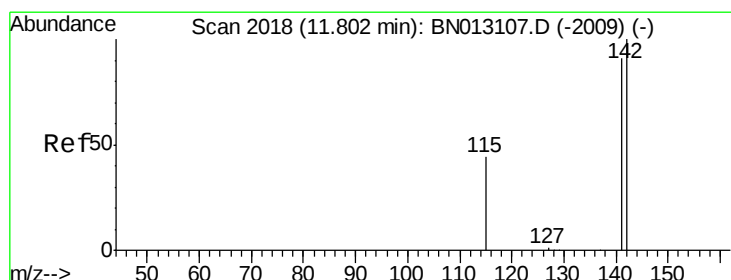
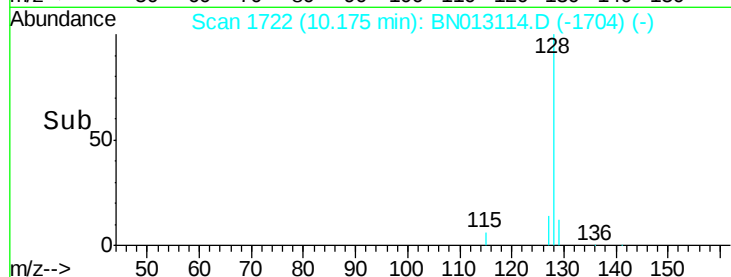
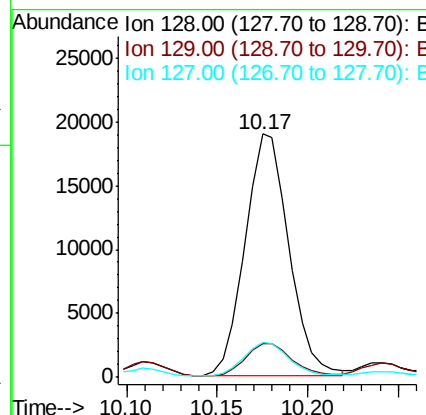
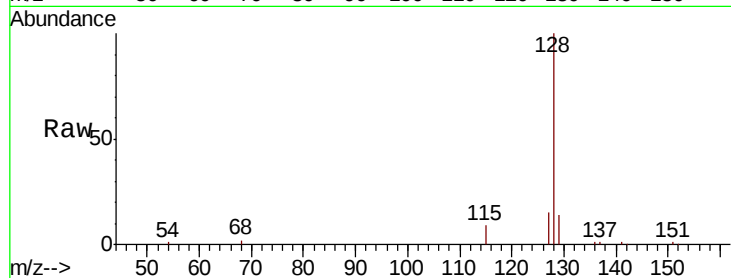
#3
Naphthalene
Concen: 2.378 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN013114.D
Acq: 14 Dec 2020 13:42

Instrument :
BNA_N
ClientSampleId :
C0AD9DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.8	12.3	18.5
127	14.6	14.2	21.4

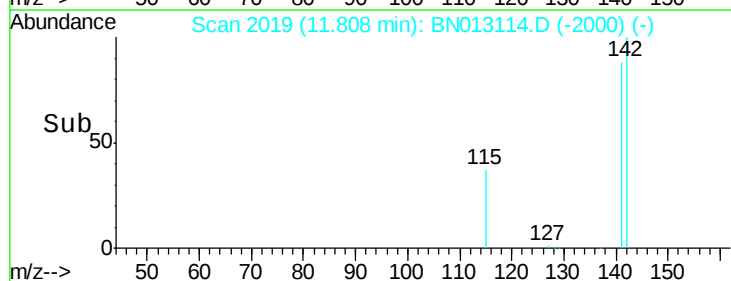
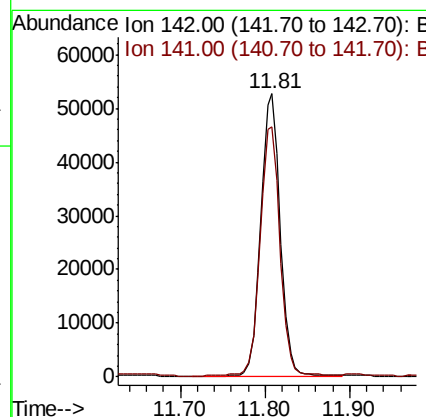
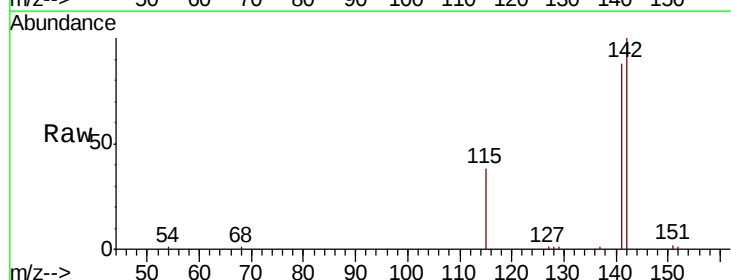
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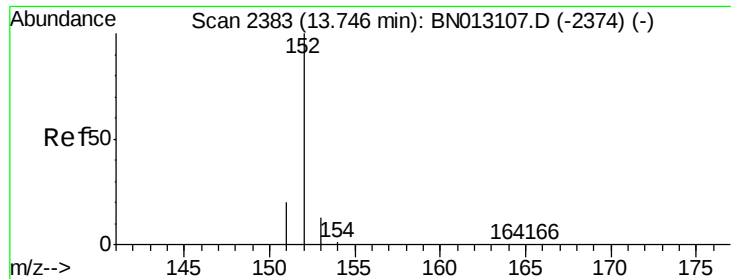
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#5
2-Methylnaphthalene
Concen: 9.685 ng/ul
RT: 11.81 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BN013114.D
Acq: 14 Dec 2020 13:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6





#7

Acenaphthylene

Concen: 0.327 ng/ul

RT: 13.76 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Instrument :

BNA_N

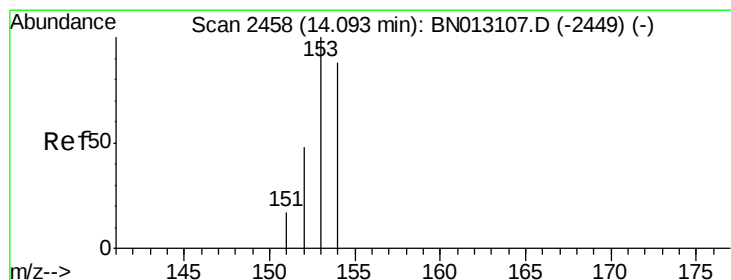
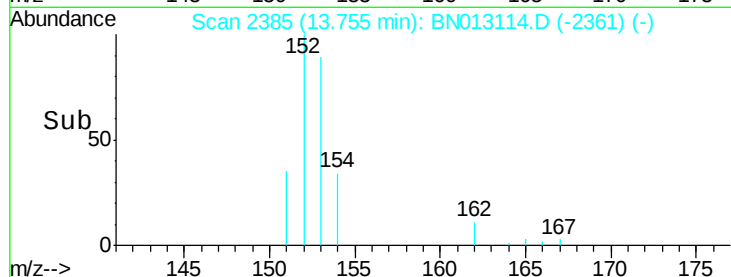
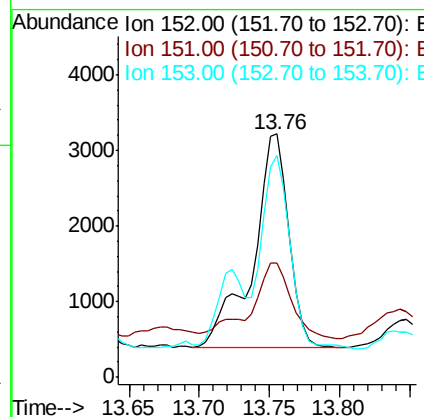
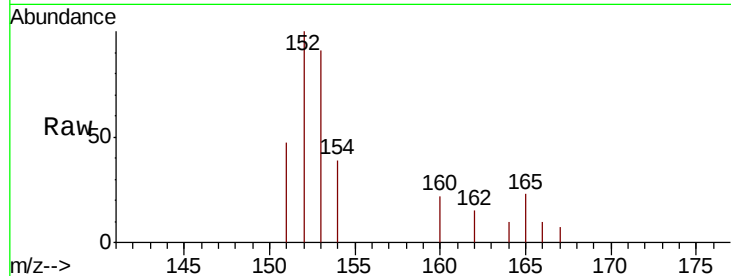
ClientSampleId :

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Tot Ion:	152	Resp:	5059
Ion Ratio	Lower	Upper	
152	100		
151	47.0	18.2	27.4#
153	91.1	13.1	19.7#

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#8

Acenaphthene

Concen: 0.540 ng/ul

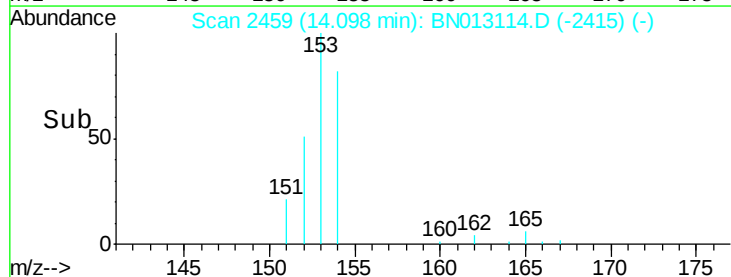
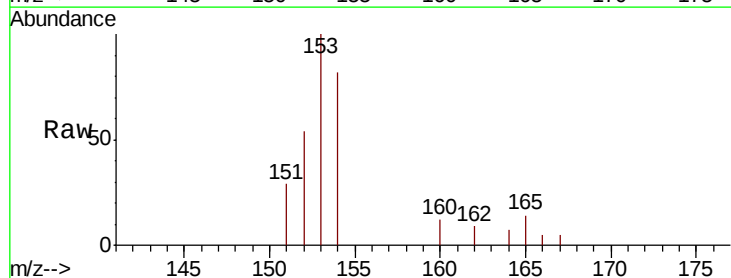
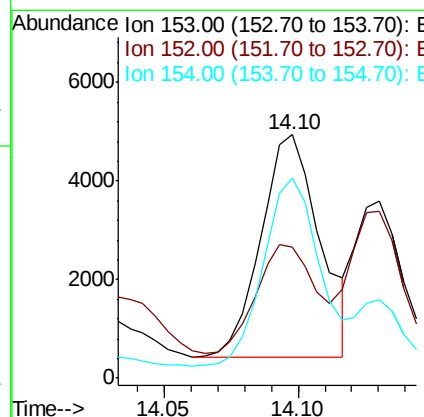
RT: 14.10 min Scan# 2459

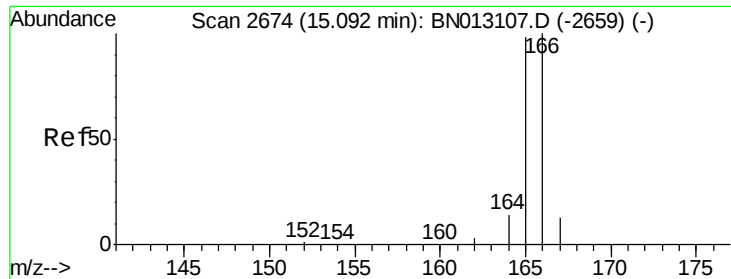
Delta R.T. 0.01 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Tgt Ion:	153	Resp:	6852
Ion Ratio	Lower	Upper	
153	100		
152	54.0	40.7	61.1
154	82.2	70.8	106.2





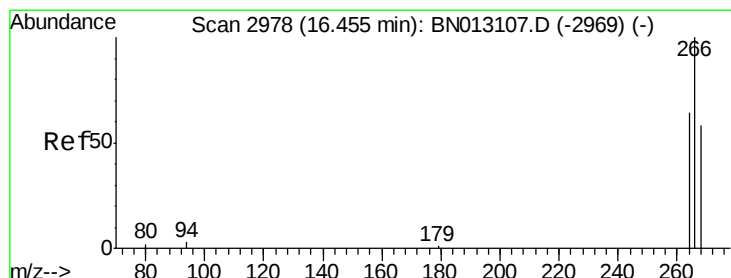
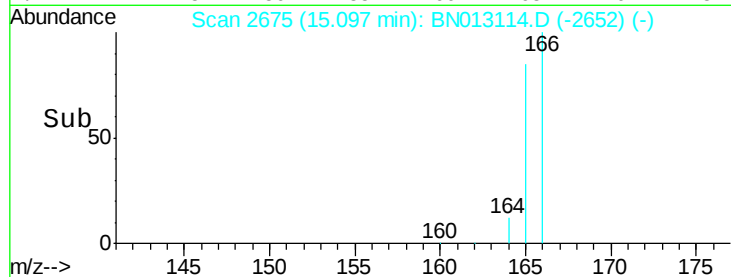
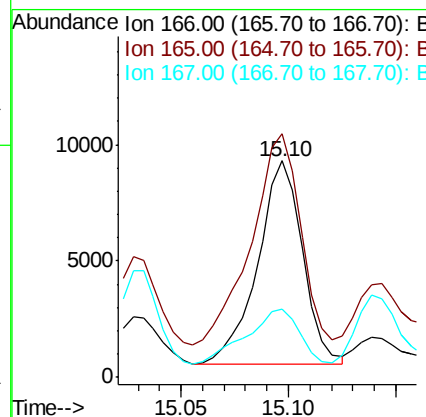
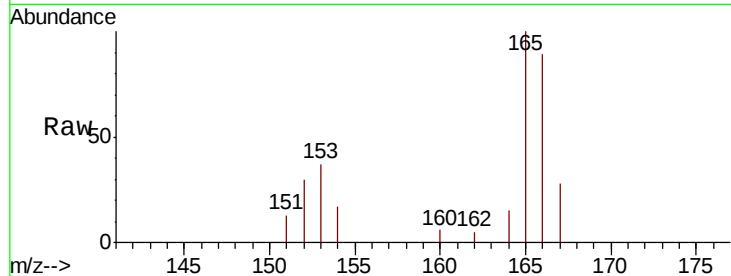
#9
Fluorene
 Concen: 0.873 ng/ul
 RT: 15.10 min Scan# 2675
 Delta R.T. 0.01 min
 Lab File: BN013114.D
 Acq: 14 Dec 2020 13:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	112.6	79.8	119.8
167	31.7	13.8	20.8

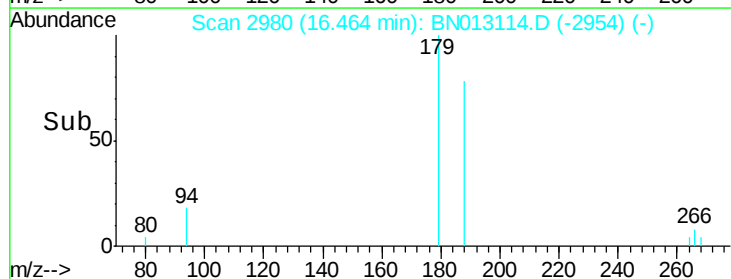
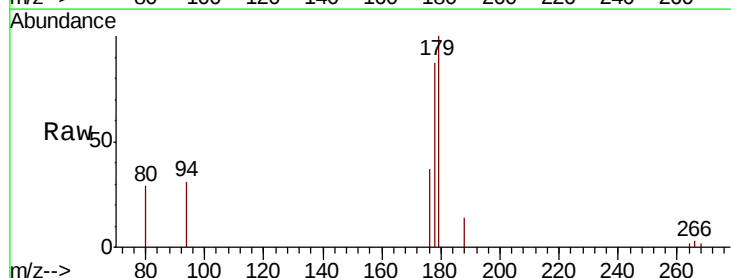
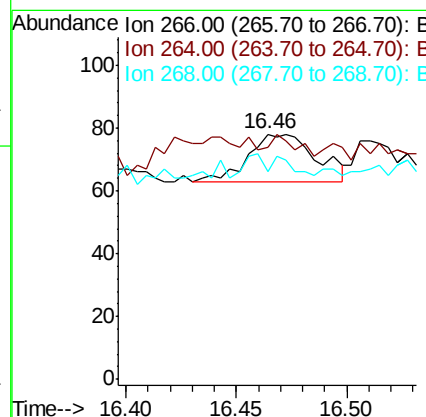
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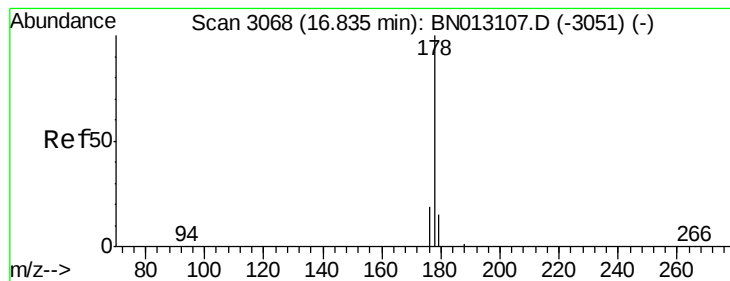
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#11
Pentachlorophenol
 Concen: 0.027 ng/ul
 RT: 16.46 min Scan# 2980
 Delta R.T. 0.01 min
 Lab File: BN013114.D
 Acq: 14 Dec 2020 13:42

Tgt Ion	Ratio	Lower	Upper
266	100		
264	31.3	51.5	77.3
268	15.6	56.0	84.0





#12

Phenanthrene

Concen: 10.841 ng/ul

RT: 16.84 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Instrument :

BNA_N

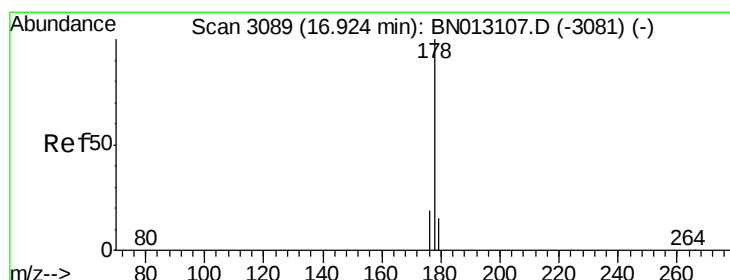
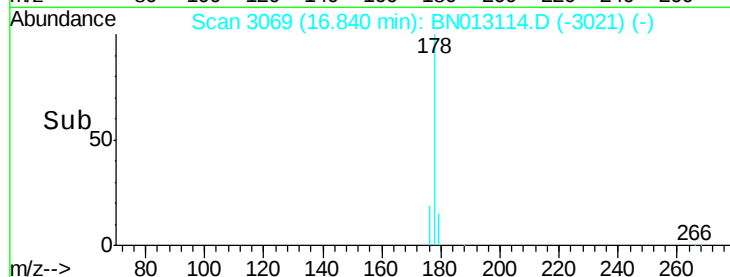
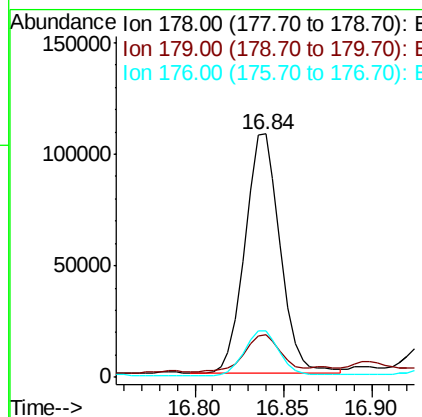
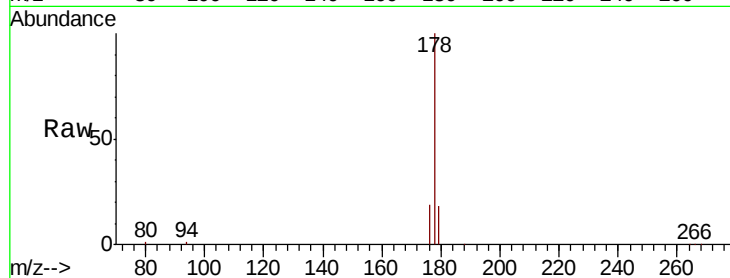
ClientSampleId :

C0AD9DL

Tot Ion:	178	Resp:	148332
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.6	20.4
176	19.0	16.4	24.6

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#13

Anthracene

Concen: 1.092 ng/ul

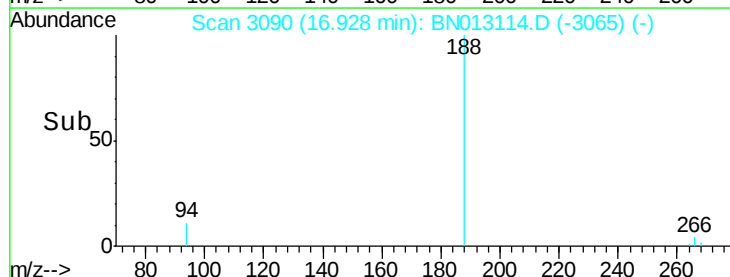
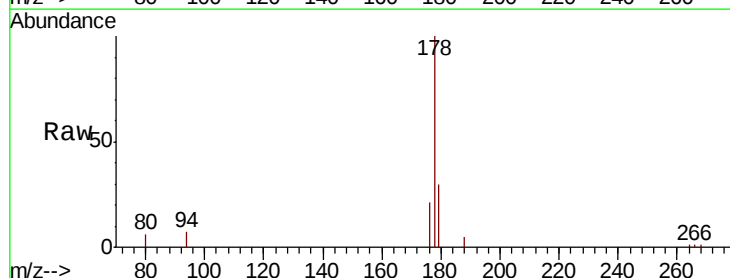
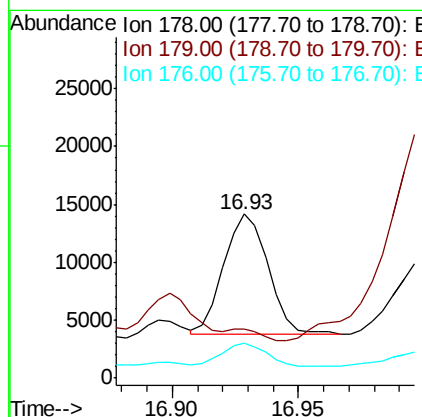
RT: 16.93 min Scan# 3090

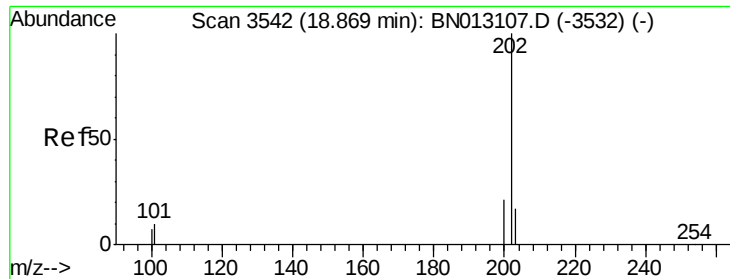
Delta R.T. 0.00 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Tgt Ion:	178	Resp:	12722
Ion Ratio	Lower	Upper	
178	100		
179	29.9	14.6	21.8#
176	21.2	17.1	25.7





#15

Fluoranthene

Concen: 1.979 ng/ul

RT: 18.87 min Scan# 3543

Delta R.T. 0.01 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Instrument :

BNA_N

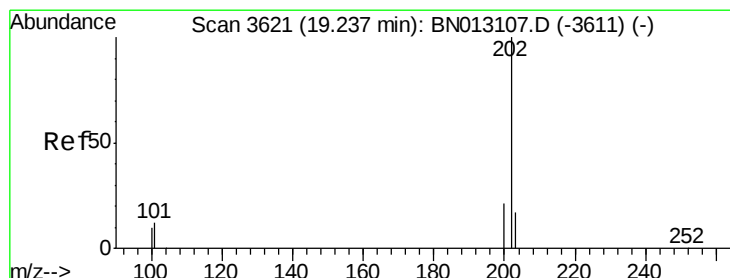
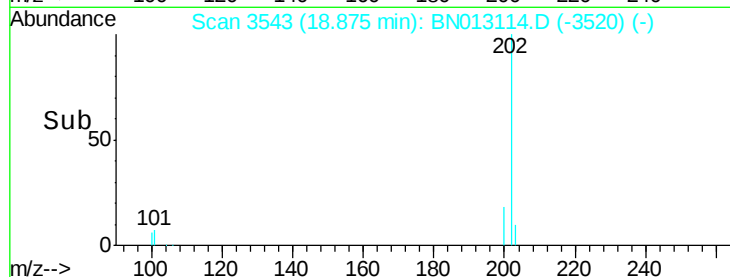
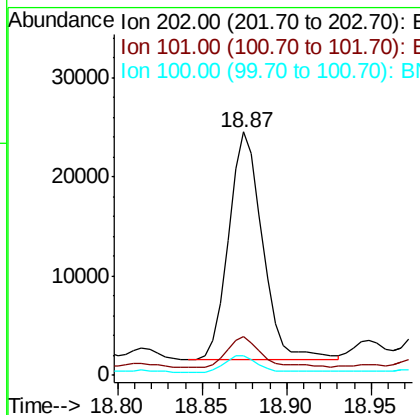
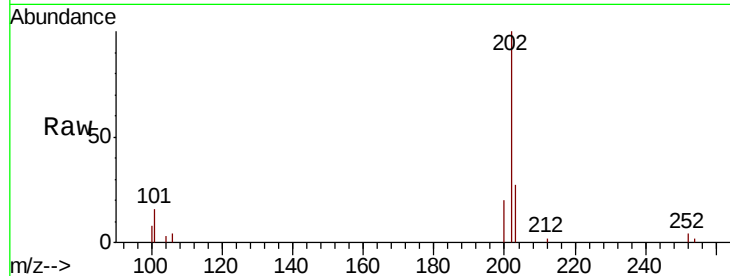
ClientSampleId :

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Tot Ion:	202	Resp:	32186
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	30.6
100	8.1	0.0	28.7

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#17

Pyrene

Concen: 11.102 ng/ul

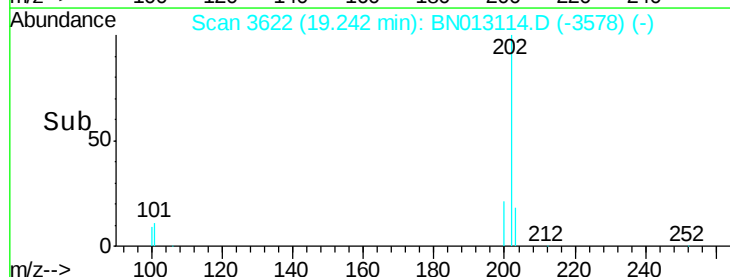
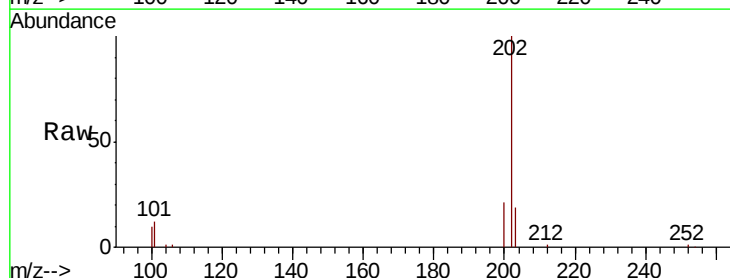
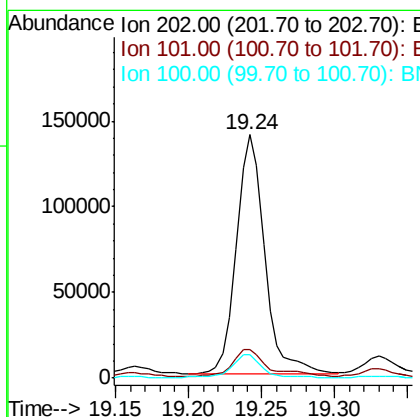
RT: 19.24 min Scan# 3622

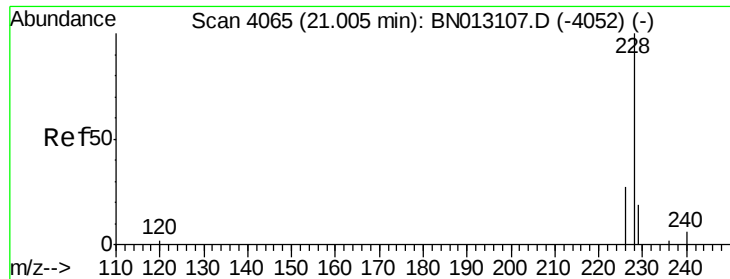
Delta R.T. 0.01 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Tgt Ion:	202	Resp:	187207
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.1	13.7
100	9.6	7.5	11.3





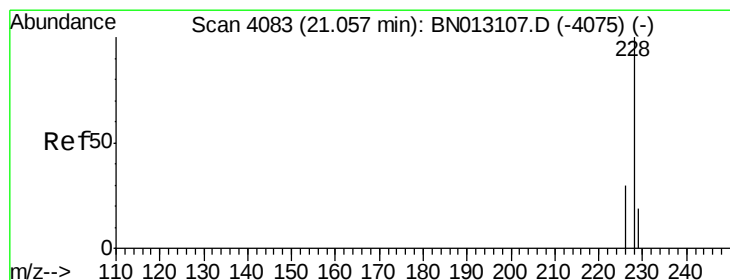
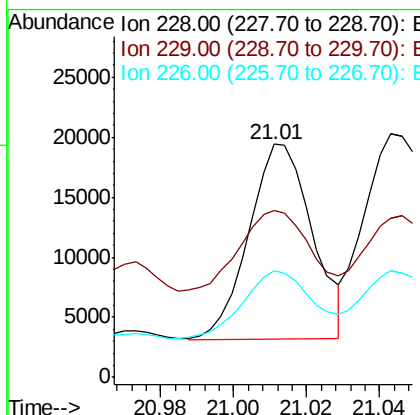
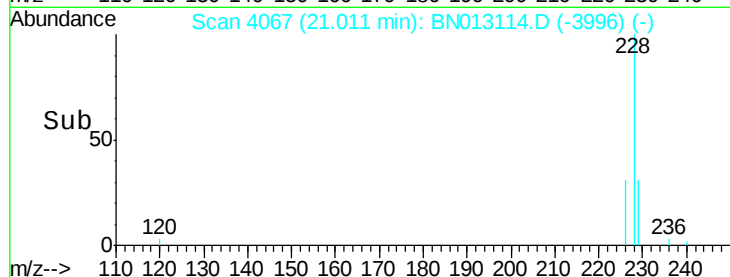
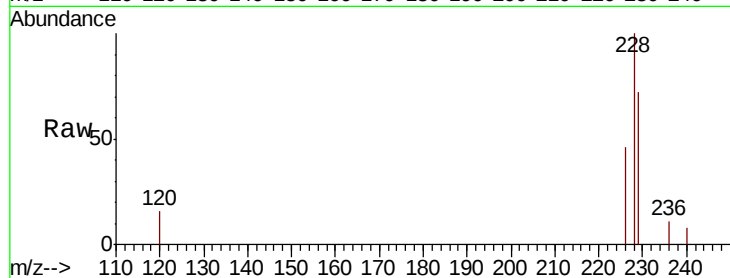
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Benzo(a)anthracene
Concen: 1.328 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. 0.01 min
Lab File: BN013114.D
Acq: 14 Dec 2020 13:42

Instrument :
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C0AD9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	71.5	16.3	24.5#
226	45.6	23.4	35.2#

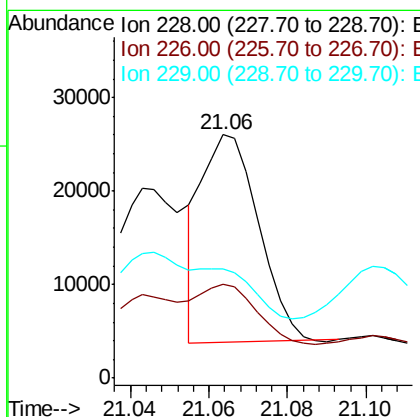
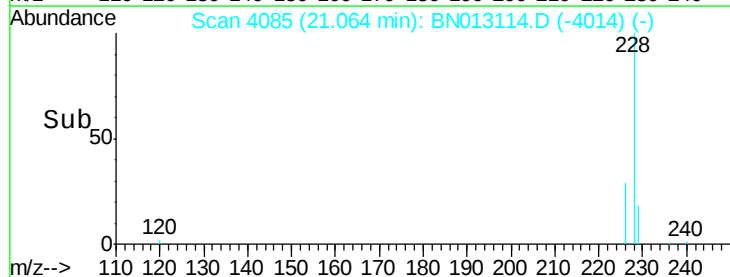
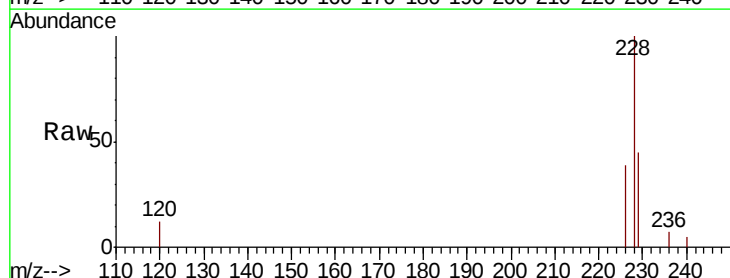
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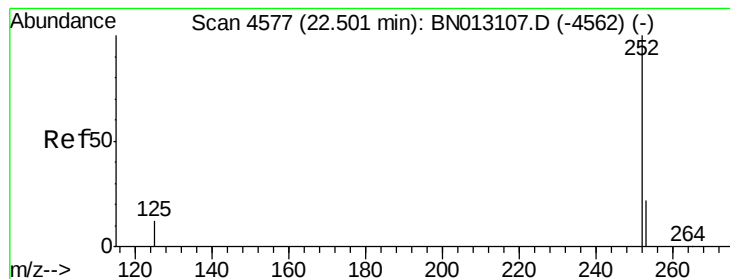
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#19
Chrysene
Concen: 1.359 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. 0.01 min
Lab File: BN013114.D
Acq: 14 Dec 2020 13:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.7	25.0	37.6#
229	44.6	16.4	24.6#





#21

Benzo(b)fluoranthene

Concen: 0.830 ng/ul m

RT: 22.52 min Scan# 4582

Delta R.T. 0.02 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Instrument :

BNA_N

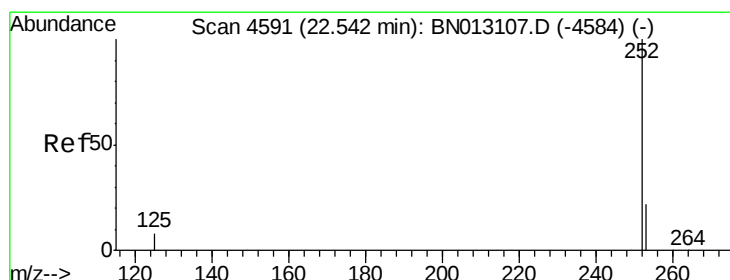
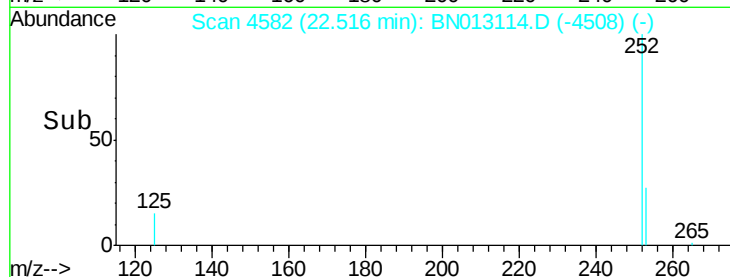
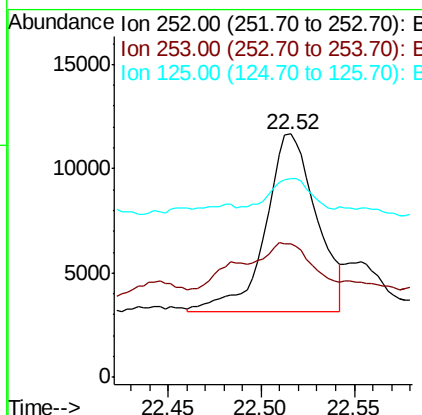
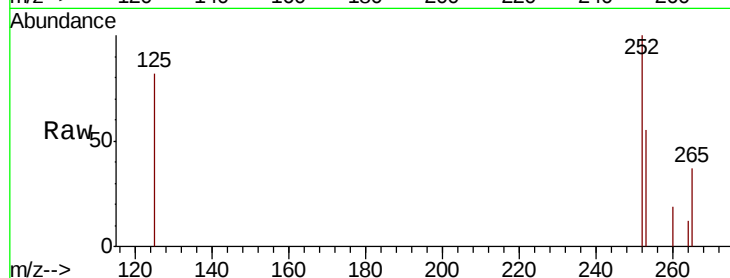
ClientSampleId :

C0AD9DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	16157		
253	54.9	0.0	59.6	
125	81.8	0.0	26.0	

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#22

Benzo(k)fluoranthene

Concen: 0.135 ng/ul m

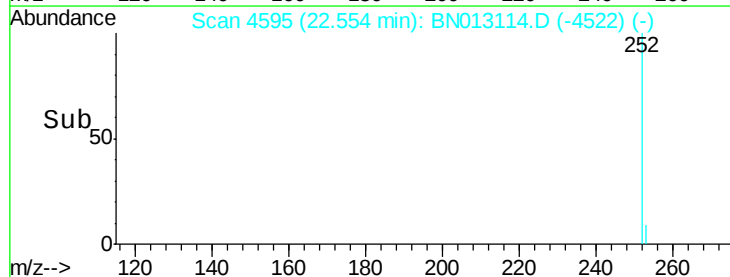
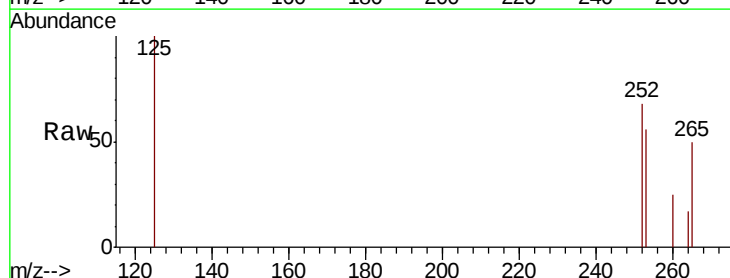
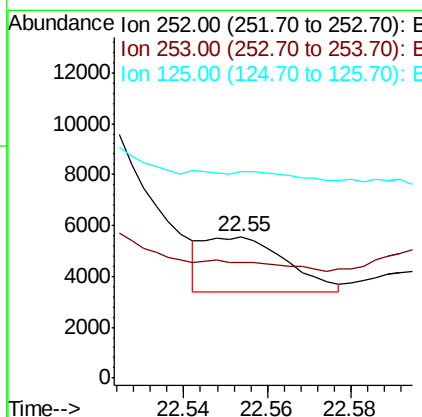
RT: 22.55 min Scan# 4595

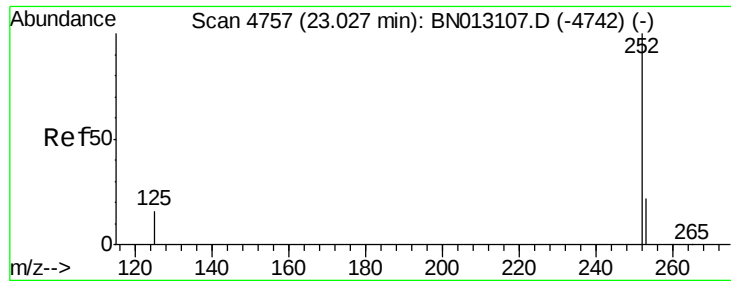
Delta R.T. 0.01 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	2897		
253	82.0	23.4	35.2	
125	146.2	11.1	16.7	





#23

Benzo(a)pyrene

Concen: 0.785 ng/u1

RT: 23.04 min Scan# 4763

Delta R.T. 0.02 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Instrument :

BNA_N

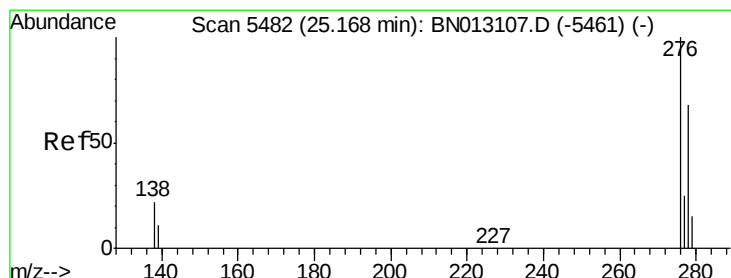
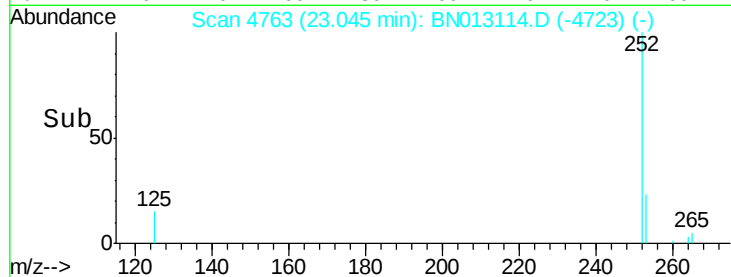
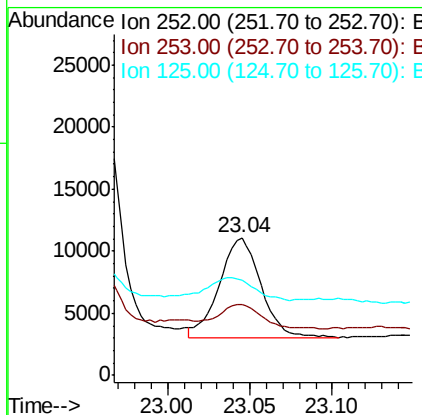
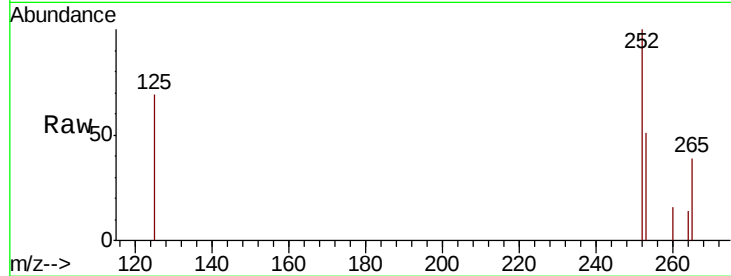
ClientSampleId :

C0AD9DL

Tot Ion:	252	Resp:	14175
Ion Ratio	Lower	Upper	
252	100		
253	51.1	26.5	39.7#
125	69.1	14.2	21.2#

Manual Integrations
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mohammad
12/15/2020 12:12:34 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.238 ng/u1

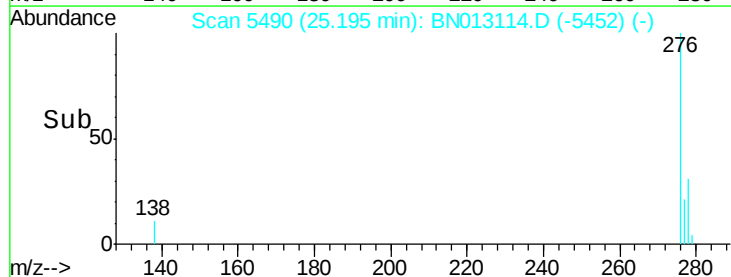
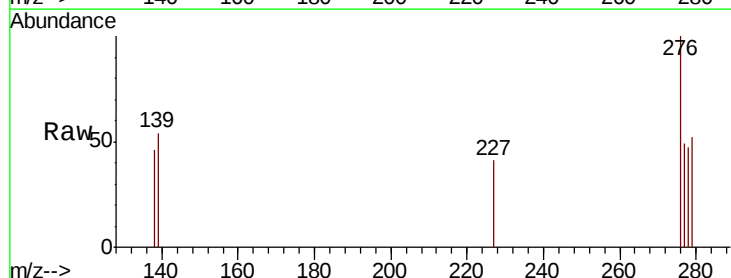
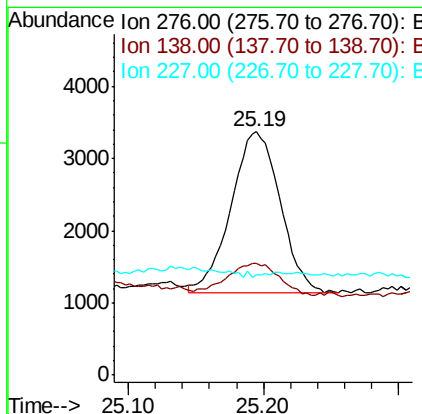
RT: 25.19 min Scan# 5490

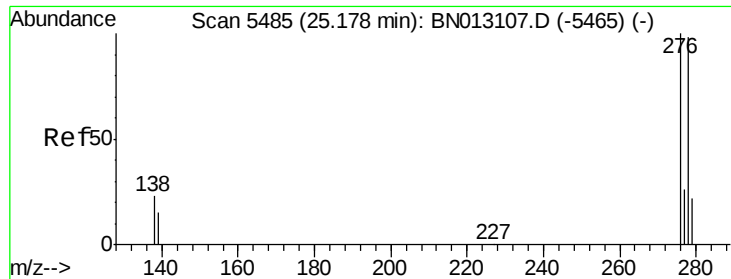
Delta R.T. 0.03 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Tgt Ion:	276	Resp:	5646
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.2	24.2
227	2.1	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.139 ng/u1

RT: 25.19 min Scan# 5488

Delta R.T. 0.01 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Instrument :

BNA_N

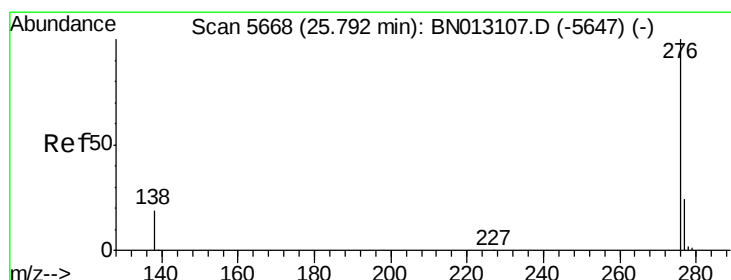
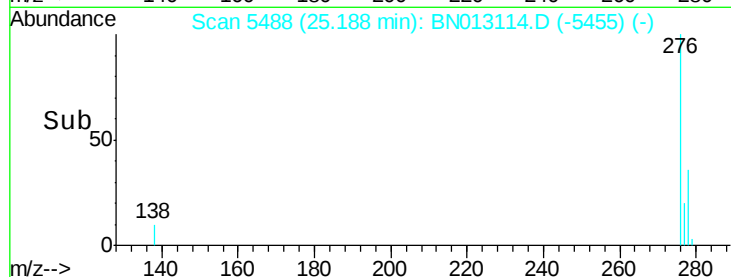
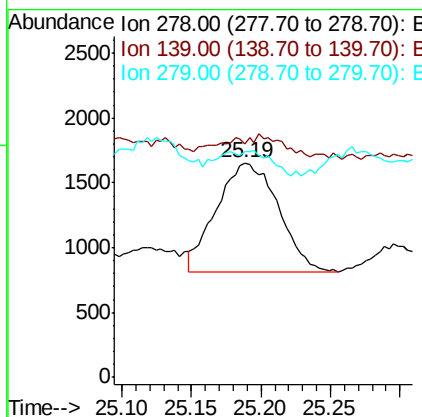
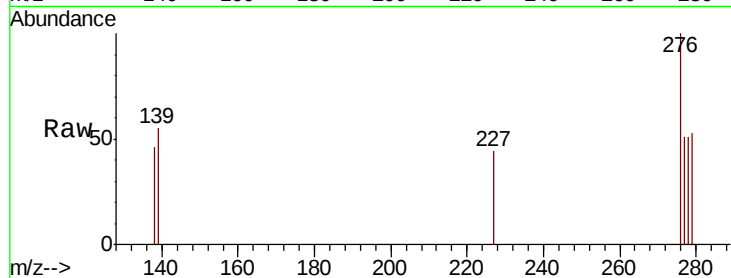
ClientSampleId :

C0AD9DL

Tot Ion:	278	Resp:	2610
Ion Ratio	Lower	Upper	
278	100		
139	108.6	14.5	21.7#
279	105.2	26.3	39.5#

Manual Integrations
APPROVED

mohammad
12/15/2020 12:12:34 PM



#26

Benzo(g,h,i)perylene

Concen: 0.481 ng/u1

RT: 25.83 min Scan# 5678

Delta R.T. 0.03 min

Lab File: BN013114.D

Acq: 14 Dec 2020 13:42

Tgt Ion:	276	Resp:	10329
Ion Ratio	Lower	Upper	
276	100		
138	34.6	16.3	24.5#
277	40.7	21.8	32.6#

