

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
 Data File : BN013111.D
 Acq On : 14 Dec 2020 11:53
 Operator : CG/JU
 Sample : L5063-08RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE0RE

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Quant Time: Dec 14 12:24:05 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	1106	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4407	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	11423	0.40	ng/ul	0.01
10) Phenanthrene-d10	16.81	188	5679	0.40	ng/ul	0.02
16) Chrysene-d12	21.05	240	10787	0.40	ng/ul	0.03
20) Perylene-d12	23.17	264	5218	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3097	0.47	ng/ul	-0.01
14) Fluoranthene-d10	18.86	212	4957	0.32	ng/ul	0.02
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	96771	7.589	ng/ul	95
5) 2-Methylnaphthalene	11.81	142	320215	38.226	ng/ul	99
7) Acenaphthylene	13.76	152	20715	0.383	ng/ul#	1
8) Acenaphthene	14.10	153	42720	0.963	ng/ul	91
9) Fluorene	15.11	166	67725	1.331	ng/ul#	83
11) Pentachlorophenol	16.48	266	200	0.122	ng/ul#	65
12) Phenanthrene	16.85	178	1174993	61.709	ng/ul	98
13) Anthracene	16.94	178	109000	6.726	ng/ul#	89
15) Fluoranthene	18.89	202	171336	7.572	ng/ul	92
17) Pyrene	19.26	202	958430	18.811	ng/ul	99
18) Benzo(a)anthracene	21.03	228	138500	3.103	ng/ul#	39
19) Chrysene	21.08	228	180605	3.663	ng/ul#	75
21) Benzo(b)fluoranthene	22.54	252	96228m	3.986	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	15797m	0.592	ng/ul	
23) Benzo(a)pyrene	23.08	252	78869	3.521	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	25.24	276	26452	0.899	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.23	278	13441	0.578	ng/ul#	1
26) Benzo(g,h,i)perylene	25.88	276	46296	1.740	ng/ul#	69

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

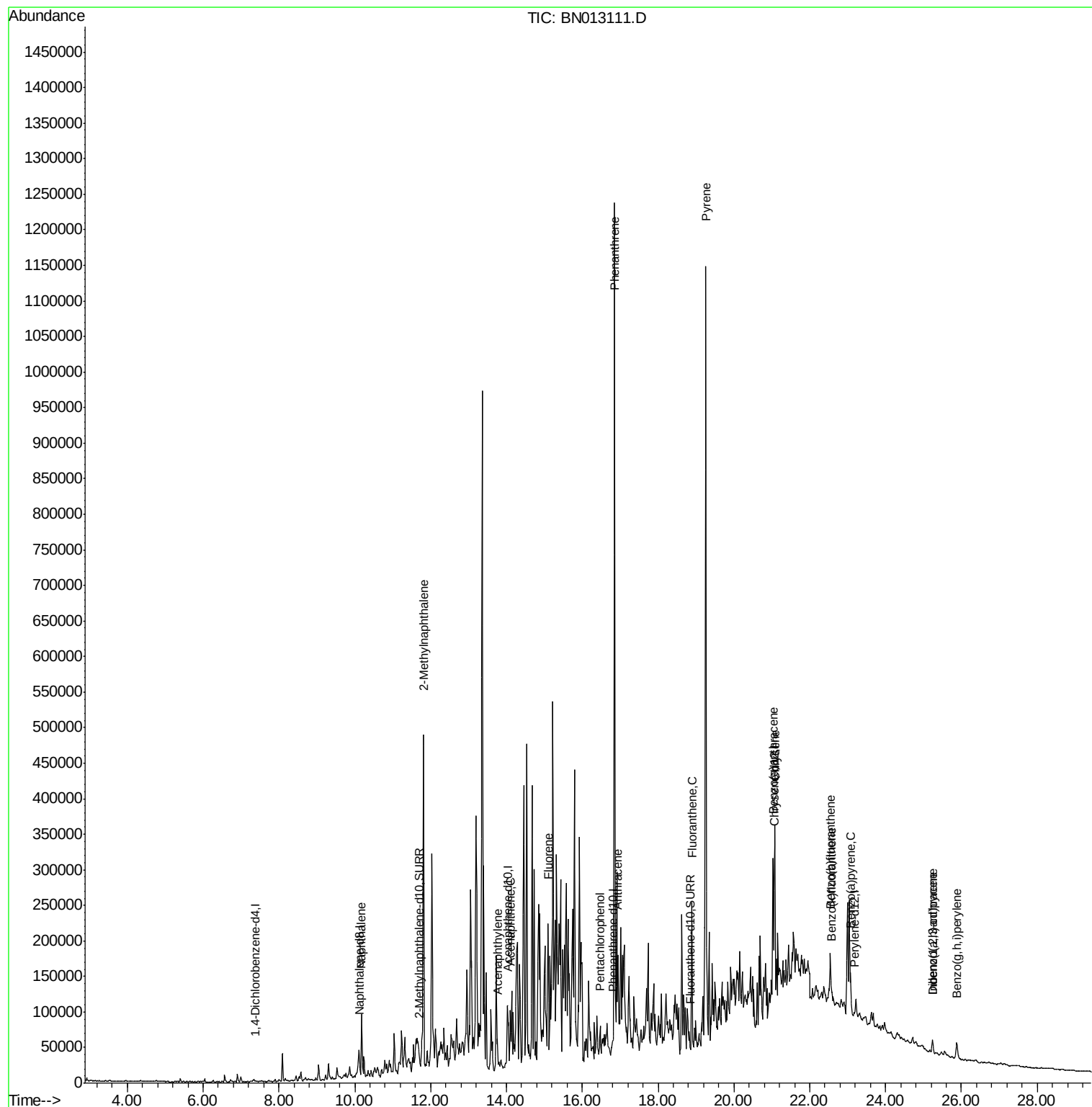
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
Data File : BN013111.D
Acq On : 14 Dec 2020 11:53
Operator : CG/JU
Sample : L5063-08RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

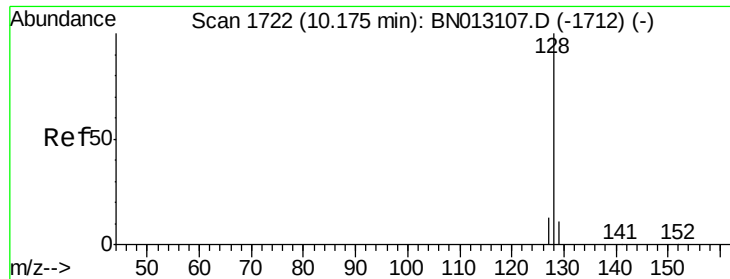
Instrument :
BNA_N
ClientSampleId :
C0AE0RE

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Quant Time: Dec 14 12:24:05 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





#3

Naphthalene

Concen: 7.589 ng/ul

RT: 10.18 min Scan# 1723

Delta R.T. 0.01 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

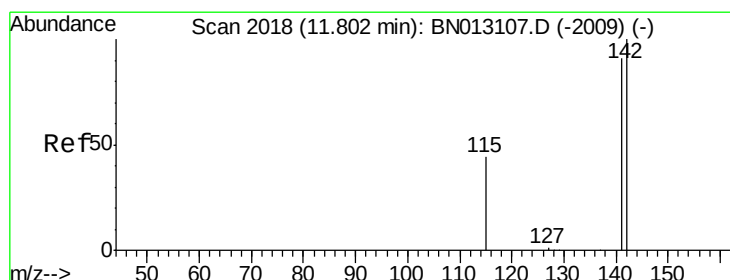
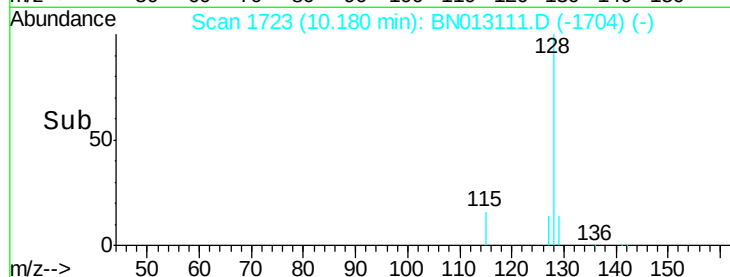
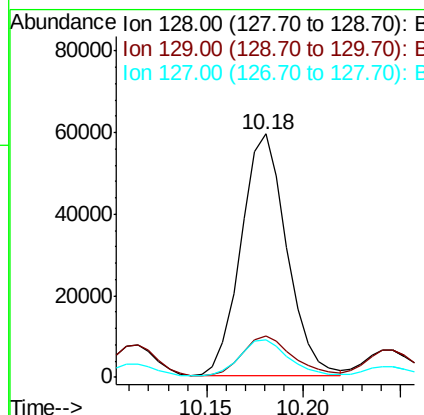
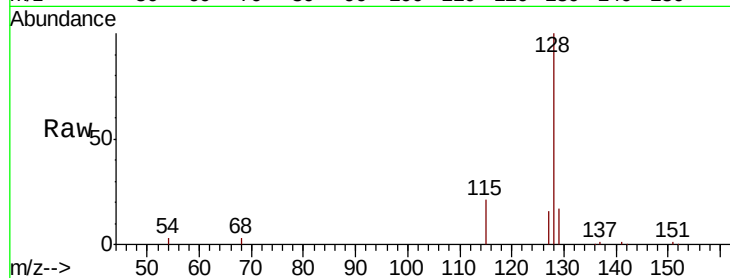
ClientSampleId :

C0AE0RE

Tot Ion:	128	Resp:	96771
Ion	Ratio	Lower	Upper
128	100		
129	17.0	12.3	18.5
127	15.6	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 38.226 ng/ul

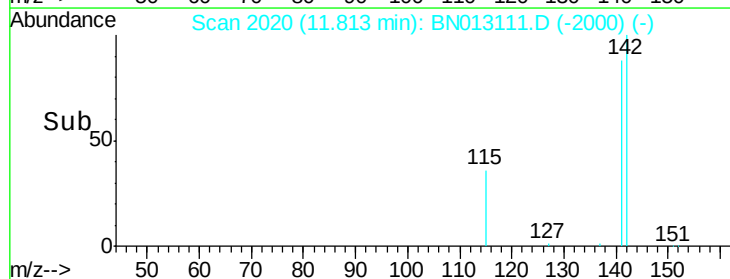
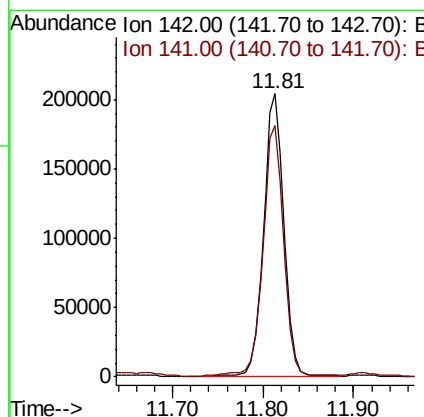
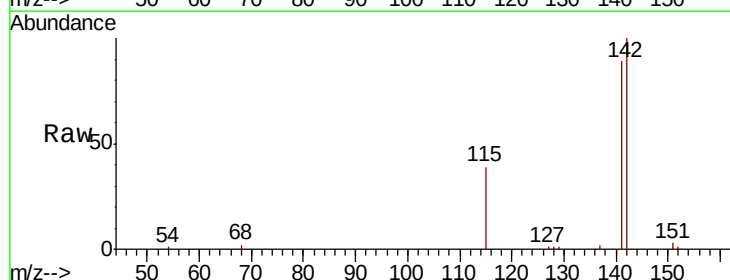
RT: 11.81 min Scan# 2020

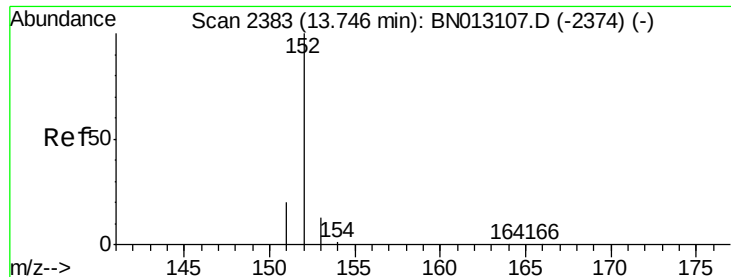
Delta R.T. 0.01 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion:	142	Resp:	320215
Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6





#7

Acenaphthylene

Concen: 0.383 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

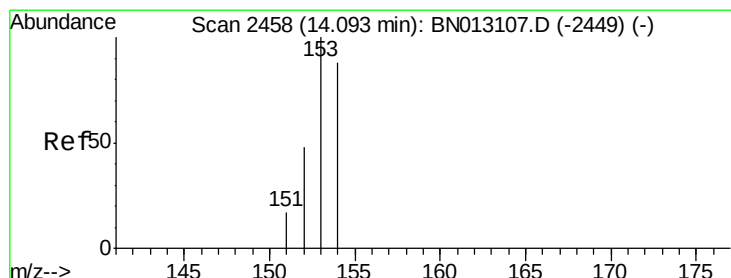
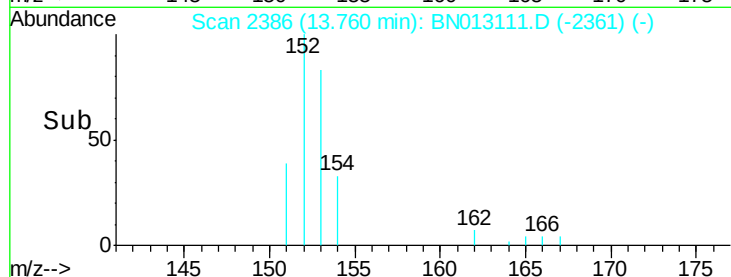
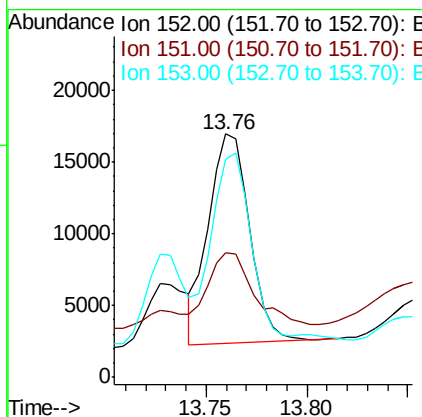
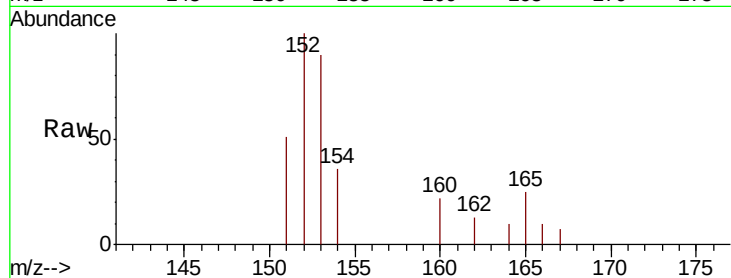
ClientSampleId :

COAEORE

Tot Ion:	152	Resp:	20715
Ion Ratio	Lower	Upper	
152	100		
151	51.3	18.2	27.4#
153	89.5	13.1	19.7#

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#8

Acenaphthene

Concen: 0.963 ng/ul

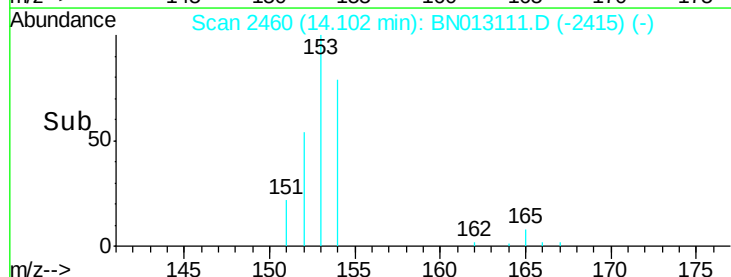
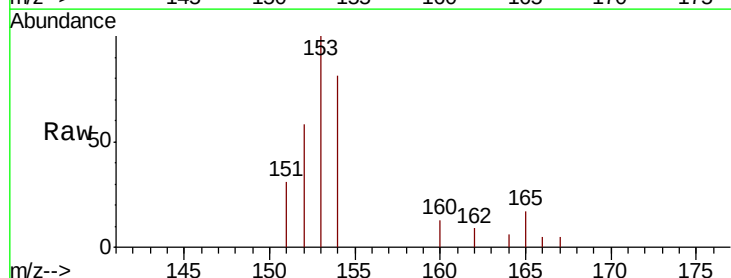
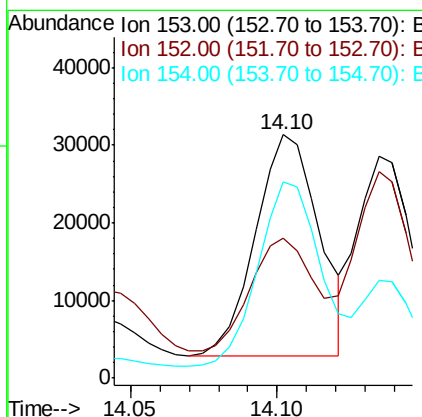
RT: 14.10 min Scan# 2460

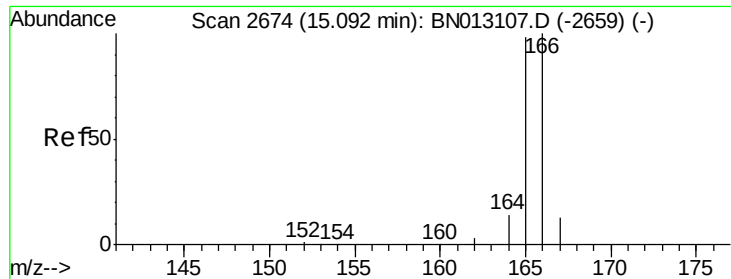
Delta R.T. 0.01 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion:	153	Resp:	42720
Ion Ratio	Lower	Upper	
153	100		
152	57.7	40.7	61.1
154	80.6	70.8	106.2





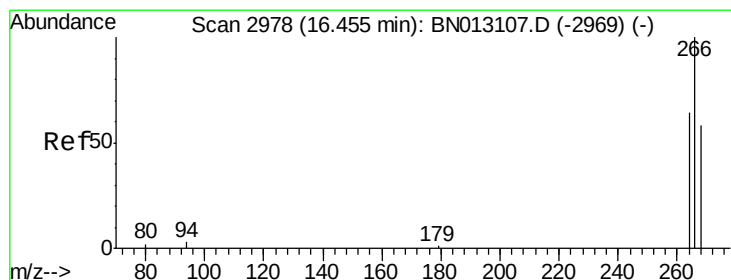
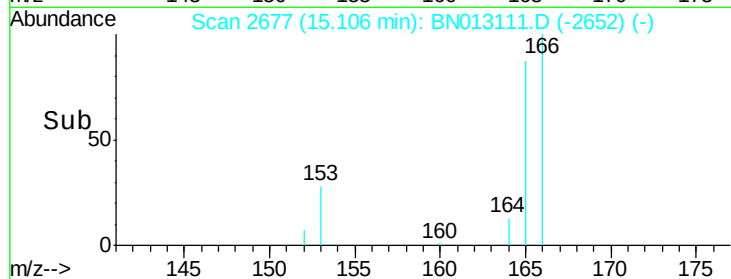
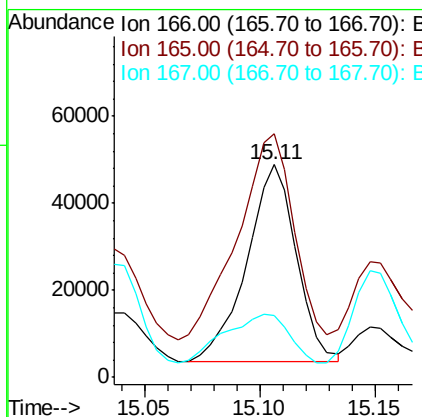
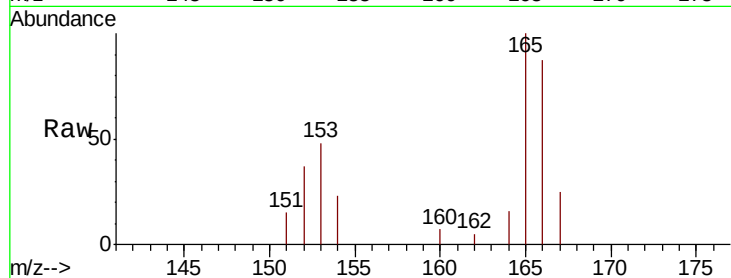
#9
Fluorene
 Concen: 1.331 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. 0.01 min
 Lab File: BN013111.D
 Acq: 14 Dec 2020 11:53

Instrument :
 BNA_N
 ClientSampleId :
 COAEORE

Tot Ion	Ratio	Lower	Upper
166	100		
165	114.5	79.8	119.8
167	28.9	13.8	20.8

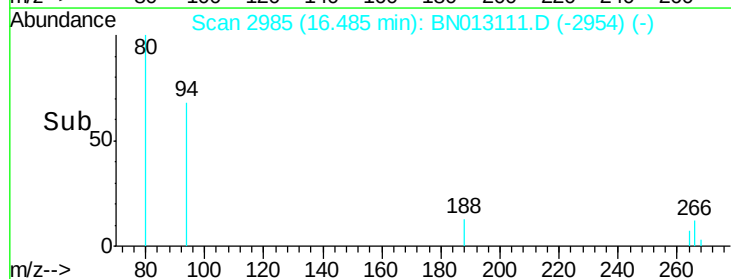
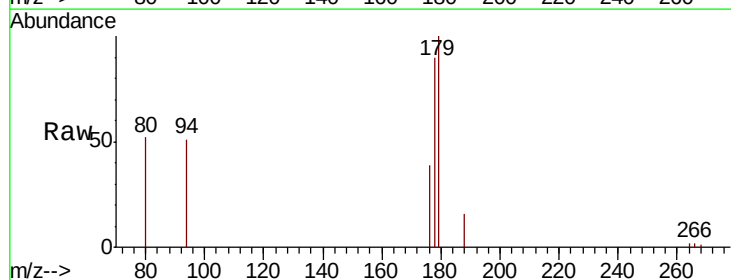
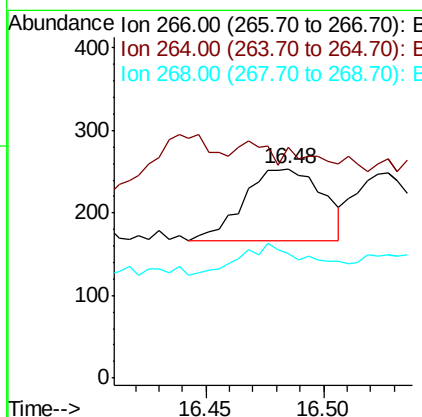
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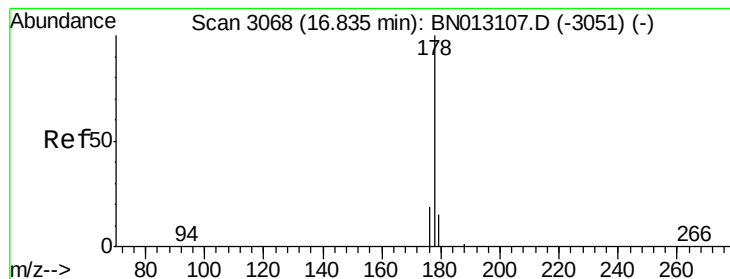
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#11
Pentachlorophenol
 Concen: 0.122 ng/ul
 RT: 16.48 min Scan# 2985
 Delta R.T. 0.03 min
 Lab File: BN013111.D
 Acq: 14 Dec 2020 11:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	45.0	51.5	77.3
268	34.0	56.0	84.0





#12

Phenanthrene

Concen: 61.709 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. 0.02 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

ClientSampleId :

C0AE0RE

Tot Ion:178 Resp: 1174993

Ion Ratio Lower Upper

178 100

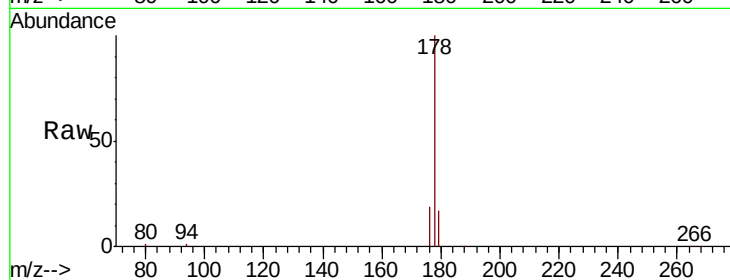
179 17.3 13.6 20.4

176 19.2 16.4 24.6

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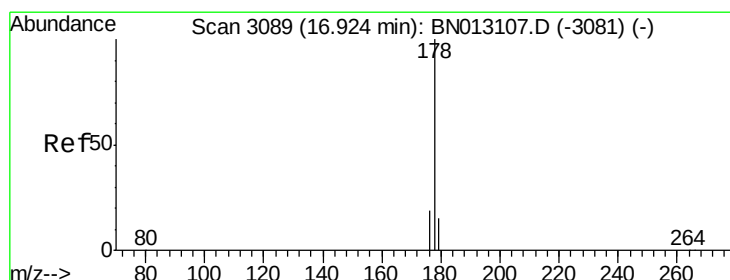
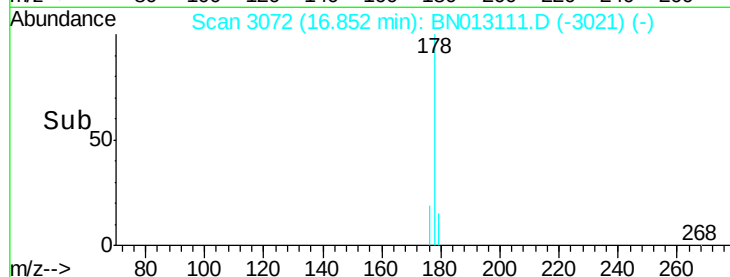
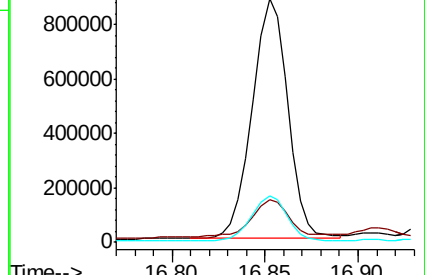
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 6.726 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. 0.02 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion:178 Resp: 109000

Ion Ratio Lower Upper

178 100

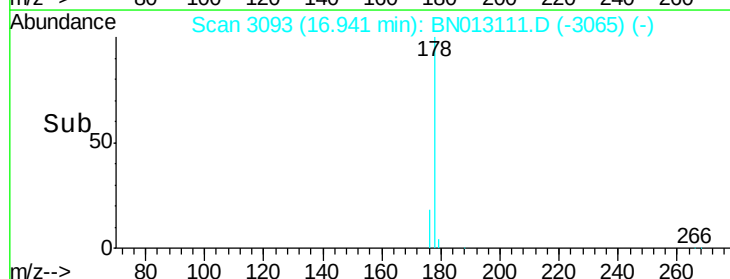
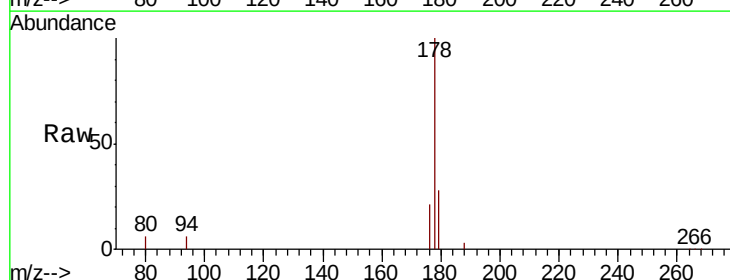
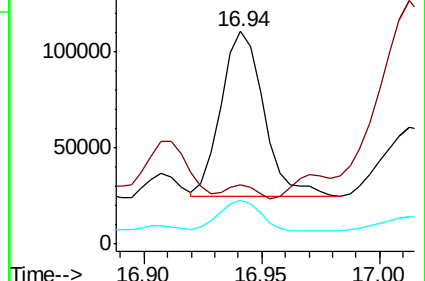
179 27.6 14.6 21.8#

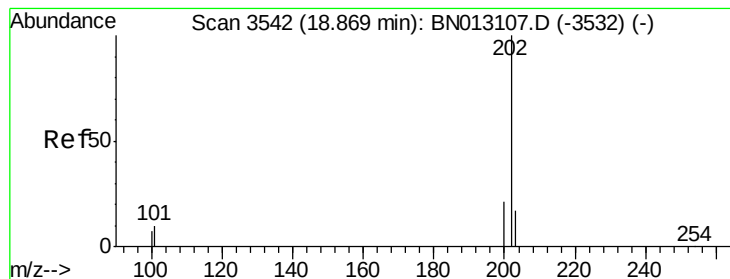
176 20.7 17.1 25.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 7.572 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. 0.02 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

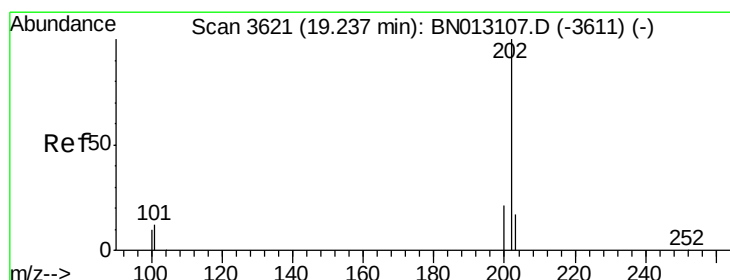
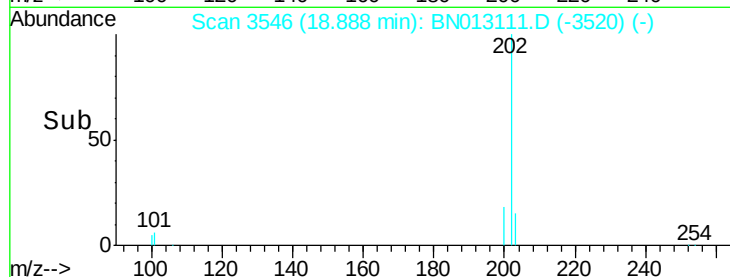
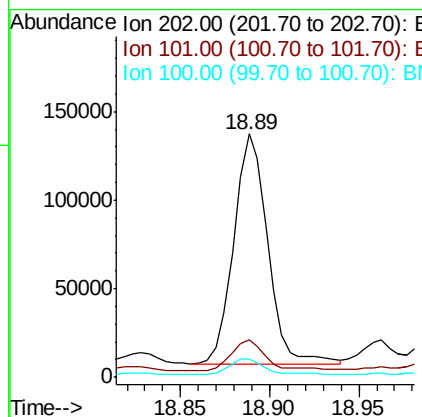
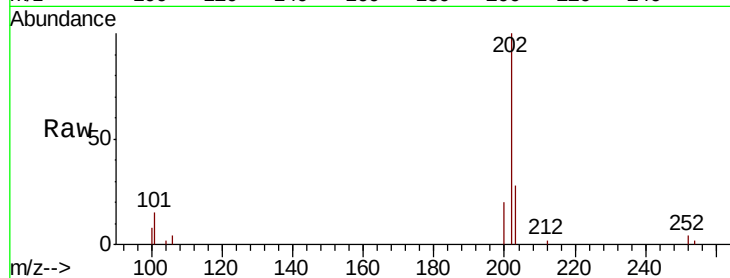
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	0.0	30.6
100	7.7	0.0	28.7

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#17

Pyrene

Concen: 18.811 ng/ul

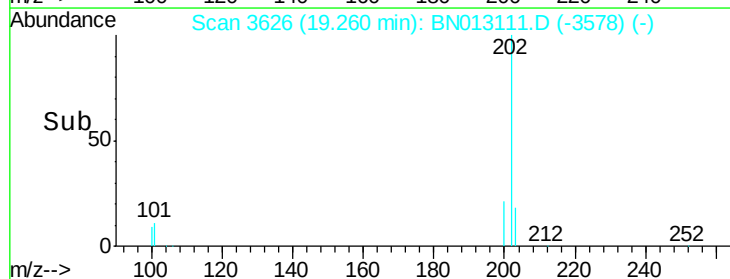
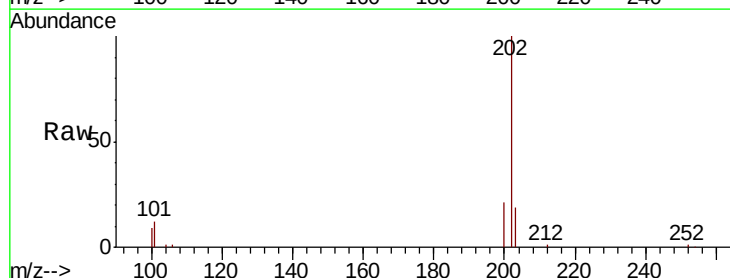
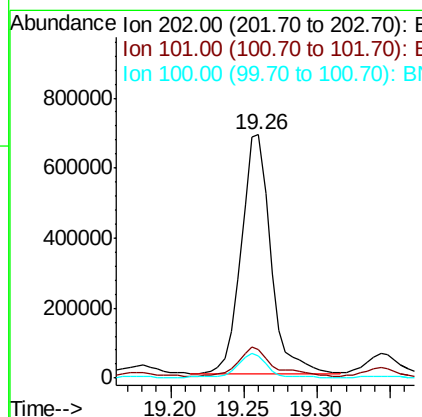
RT: 19.26 min Scan# 3626

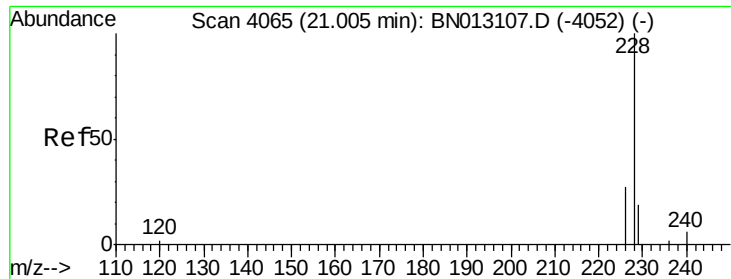
Delta R.T. 0.02 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	9.1	13.7
100	9.0	7.5	11.3





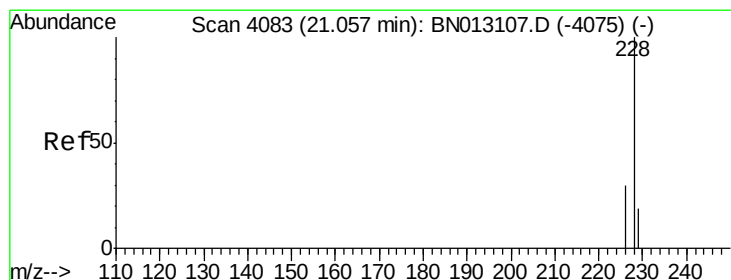
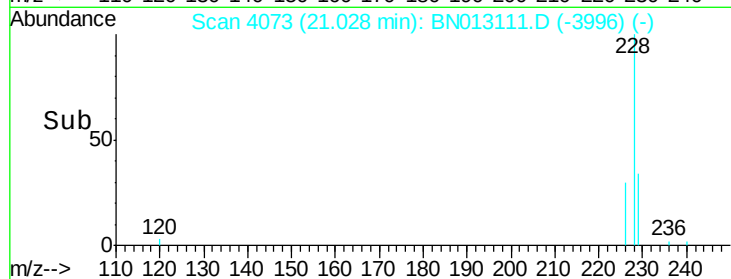
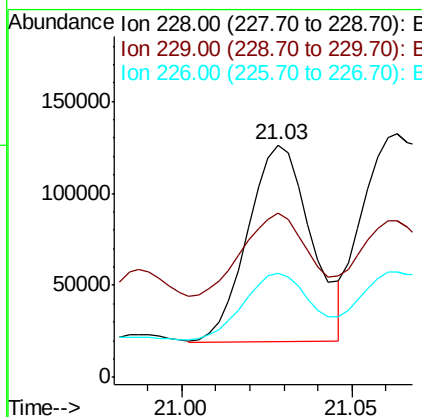
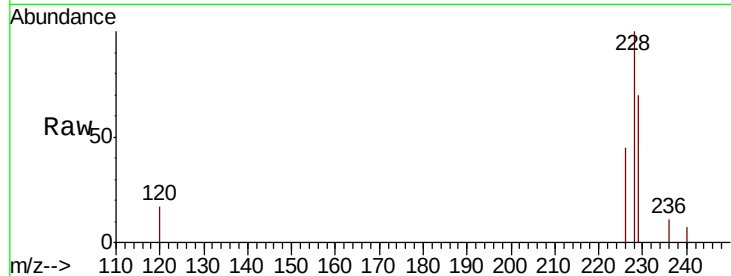
#18
Benzo(a)anthracene
Concen: 3.103 ng/ul
RT: 21.03 min Scan# 4073
Delta R.T. 0.02 min
Lab File: BN013111.D
Acq: 14 Dec 2020 11:53

Instrument :
BNA_N
ClientSampleId :
C0AE0RE

Tot Ion	Ratio	Lower	Upper
228	100		
229	70.4	16.3	24.5#
226	44.5	23.4	35.2#

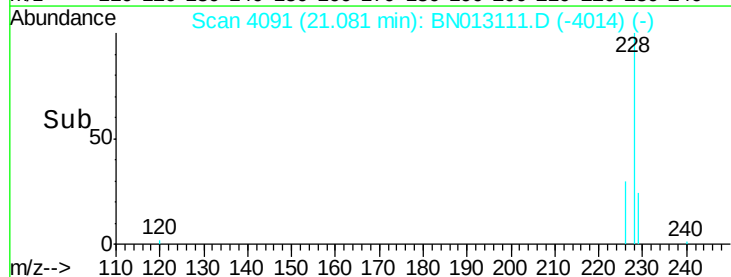
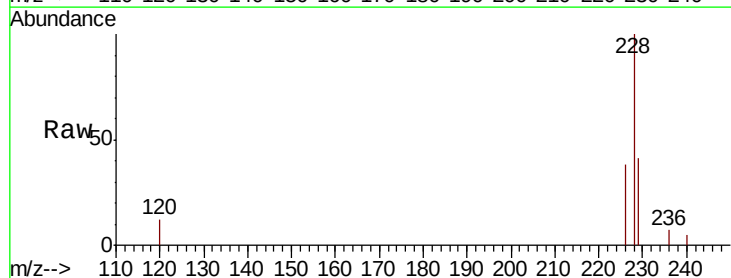
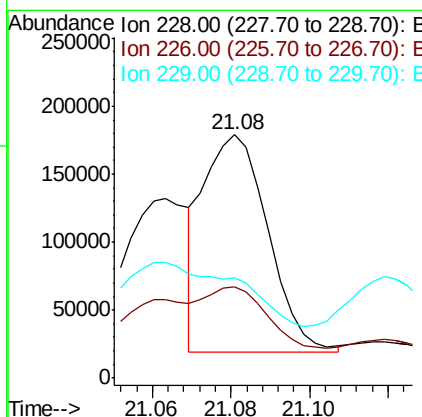
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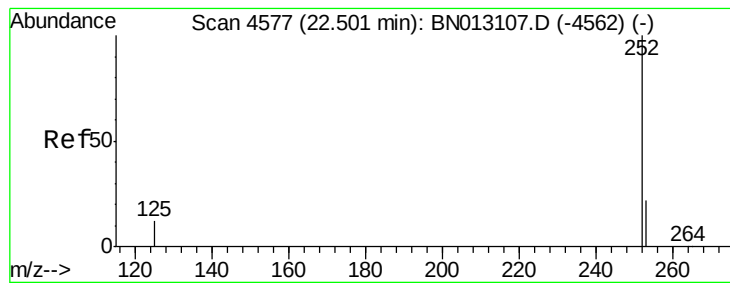
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#19
Chrysene
Concen: 3.663 ng/ul
RT: 21.08 min Scan# 4091
Delta R.T. 0.02 min
Lab File: BN013111.D
Acq: 14 Dec 2020 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.7	25.0	37.6#
229	41.3	16.4	24.6#





#21

Benzo(b)fluoranthene

Concen: 3.986 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. 0.04 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

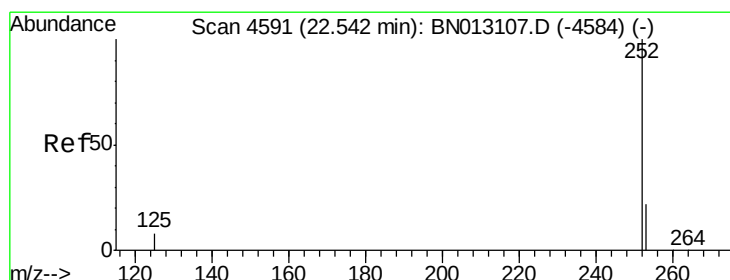
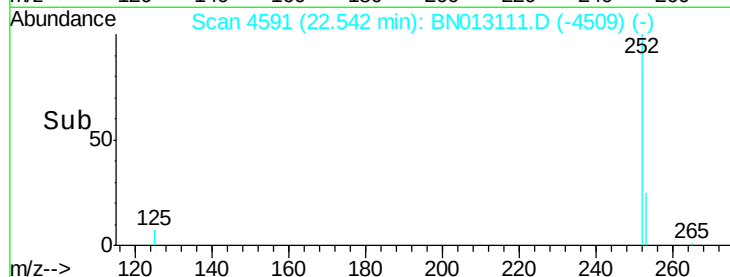
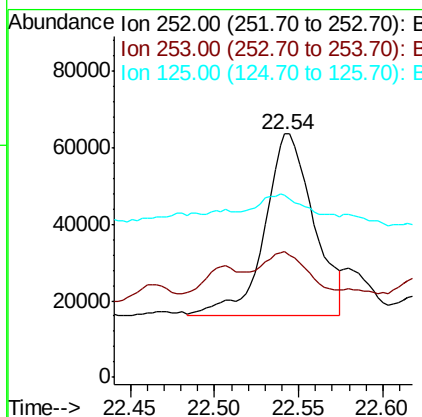
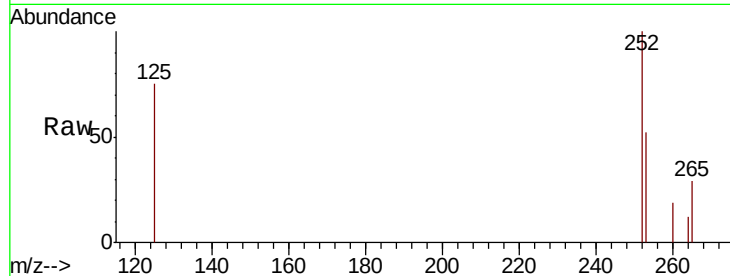
ClientSampleId :

C0AE0RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.5	0.0	59.6
125	74.7	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.592 ng/ul m

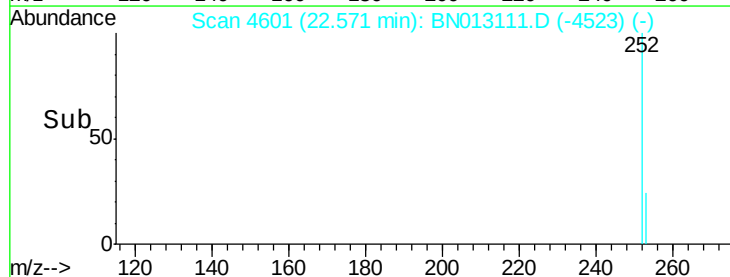
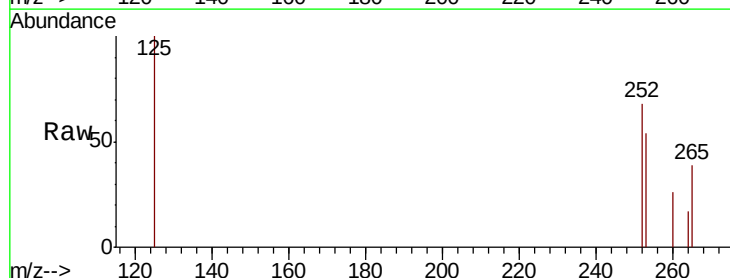
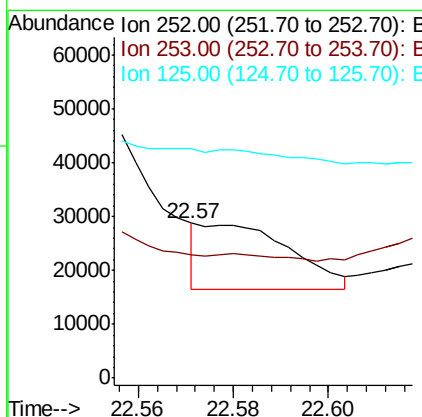
RT: 22.57 min Scan# 4601

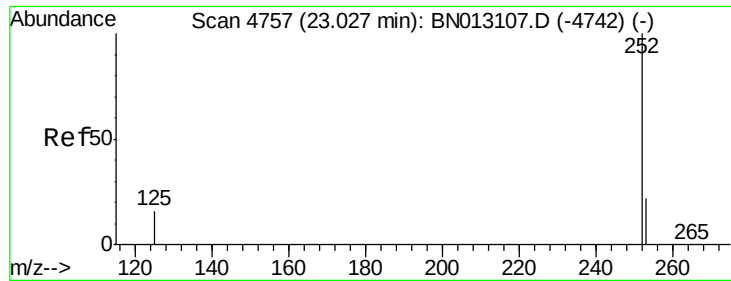
Delta R.T. 0.03 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	79.8	23.4	35.2
125	147.9	11.1	16.7





#23

Benzo(a)pyrene

Concen: 3.521 ng/ul

RT: 23.08 min Scan# 4774

Delta R.T. 0.05 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

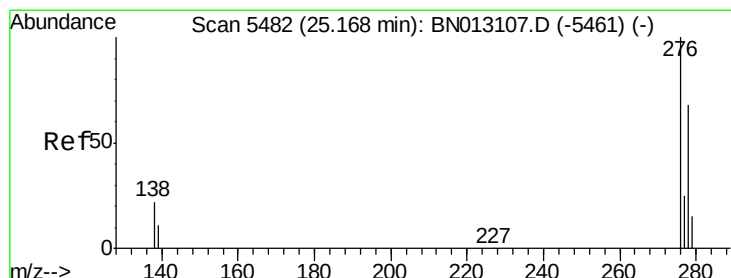
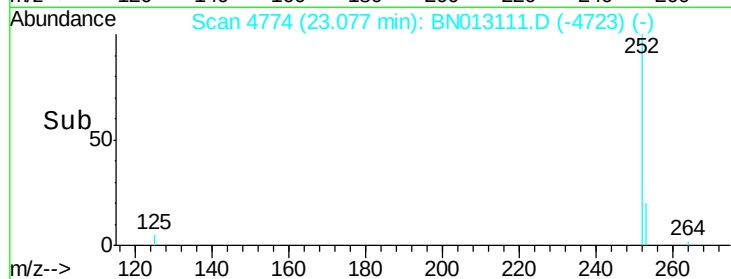
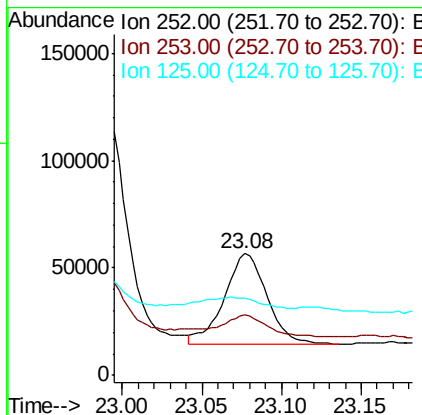
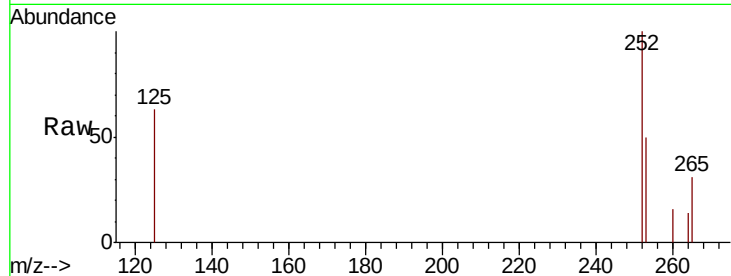
ClientSampleId :

COAEORE

Tot Ion:	252	Resp:	78869
Ion Ratio	Lower	Upper	
252	100		
253	49.7	26.5	39.7#
125	63.2	14.2	21.2#

Manual Integrations
APPROVED

mohammad
12/15/2020 12:12:26 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.899 ng/ul

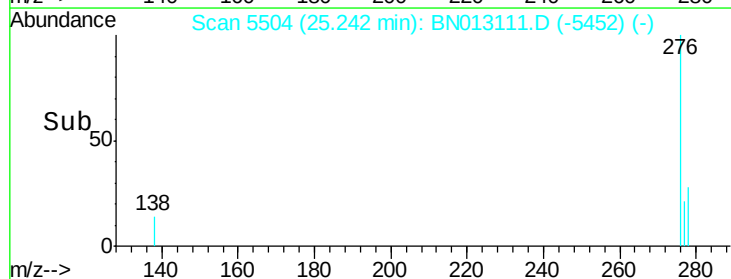
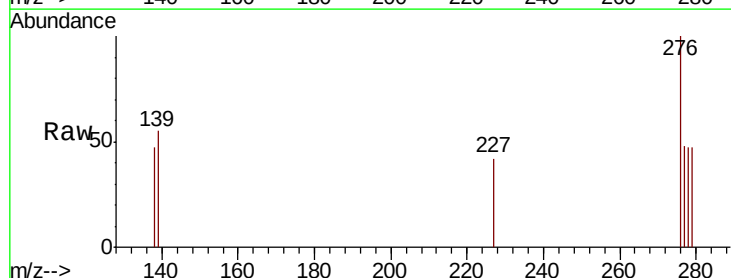
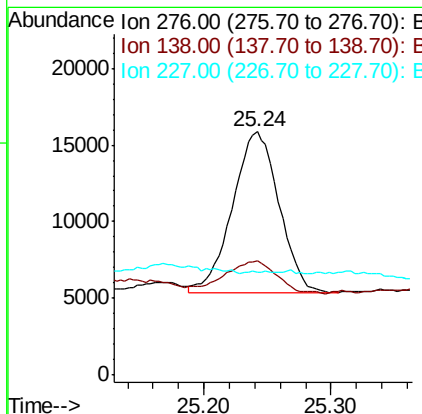
RT: 25.24 min Scan# 5504

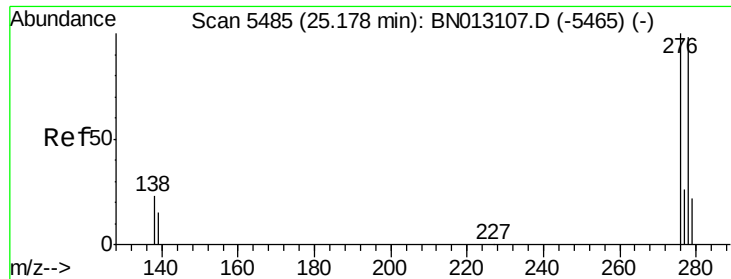
Delta R.T. 0.07 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion:	276	Resp:	26452
Ion Ratio	Lower	Upper	
276	100		
138	23.4	16.2	24.2
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.578 ng/ul

RT: 25.23 min Scan# 5501

Delta R.T. 0.05 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Instrument :

BNA_N

ClientSampleId :

C0AE0RE

Tot Ion:278 Resp: 13441

Ion Ratio Lower Upper

278 100

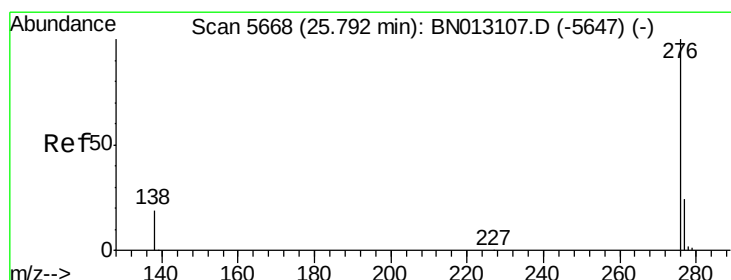
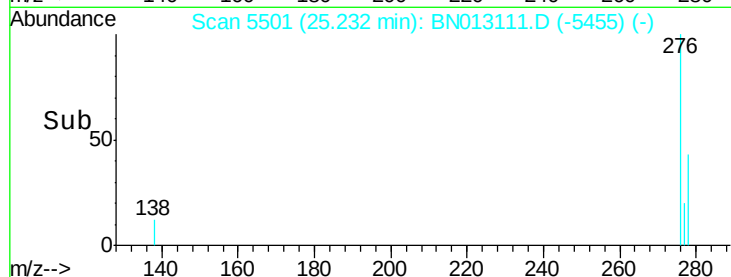
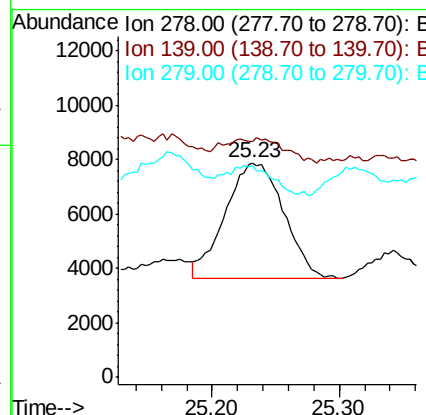
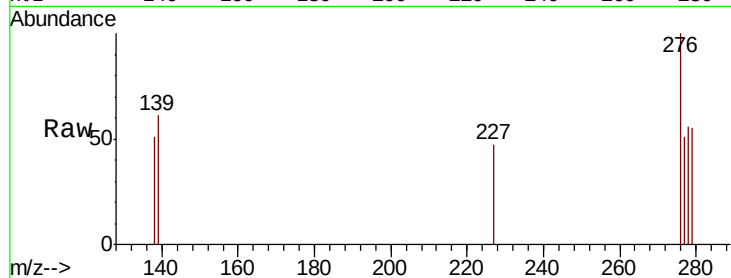
139 109.8 14.5 21.7#

279 98.5 26.3 39.5#

Manual Integrations
APPROVED

mohammad

12/15/2020 12:12:26 PM



#26

Benzo(g,h,i)perylene

Concen: 1.740 ng/ul

RT: 25.88 min Scan# 5693

Delta R.T. 0.08 min

Lab File: BN013111.D

Acq: 14 Dec 2020 11:53

Tgt Ion:276 Resp: 46296

Ion Ratio Lower Upper

276 100

138 37.6 16.3 24.5#

277 41.0 21.8 32.6#

