

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
 Data File : BN013108.D
 Acq On : 14 Dec 2020 09:51
 Operator : CG/JU
 Sample : L5063-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8RE

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Quant Time: Dec 14 11:16:40 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 10:24:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	1211	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4550	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	5768	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4922	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	6373	0.40	ng/ul	0.01
20) Perylene-d12	23.15	264	3030	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2182	0.32	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	4150	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	44161	3.354	ng/ul	94
5) 2-Methylnaphthalene	11.80	142	79904	9.239	ng/ul	98
7) Acenaphthylene	13.75	152	5840	0.214	ng/ul#	1
8) Acenaphthene	14.09	153	3218	0.144	ng/ul#	67
9) Fluorene	15.10	166	7351	0.286	ng/ul#	19
11) Pentachlorophenol	16.47	266	181	0.127	ng/ul#	76
12) Phenanthrene	16.84	178	218936	13.267	ng/ul	96
13) Anthracene	16.93	178	12954	0.922	ng/ul#	67
15) Fluoranthene	18.87	202	70157	3.577	ng/ul	91
17) Pyrene	19.25	202	350843	11.655	ng/ul	99
18) Benzo(a)anthracene	21.02	228	50125	1.901	ng/ul#	28
19) Chrysene	21.07	228	63484	2.179	ng/ul#	68
21) Benzo(b)fluoranthene	22.53	252	53848m	3.841	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	15342m	0.990	ng/ul	
23) Benzo(a)pyrene	23.06	252	38374	2.950	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	25.21	276	15698	0.919	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.21	278	7209	0.533	ng/ul#	1
26) Benzo(g,h,i)perylene	25.85	276	24948	1.614	ng/ul#	72

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

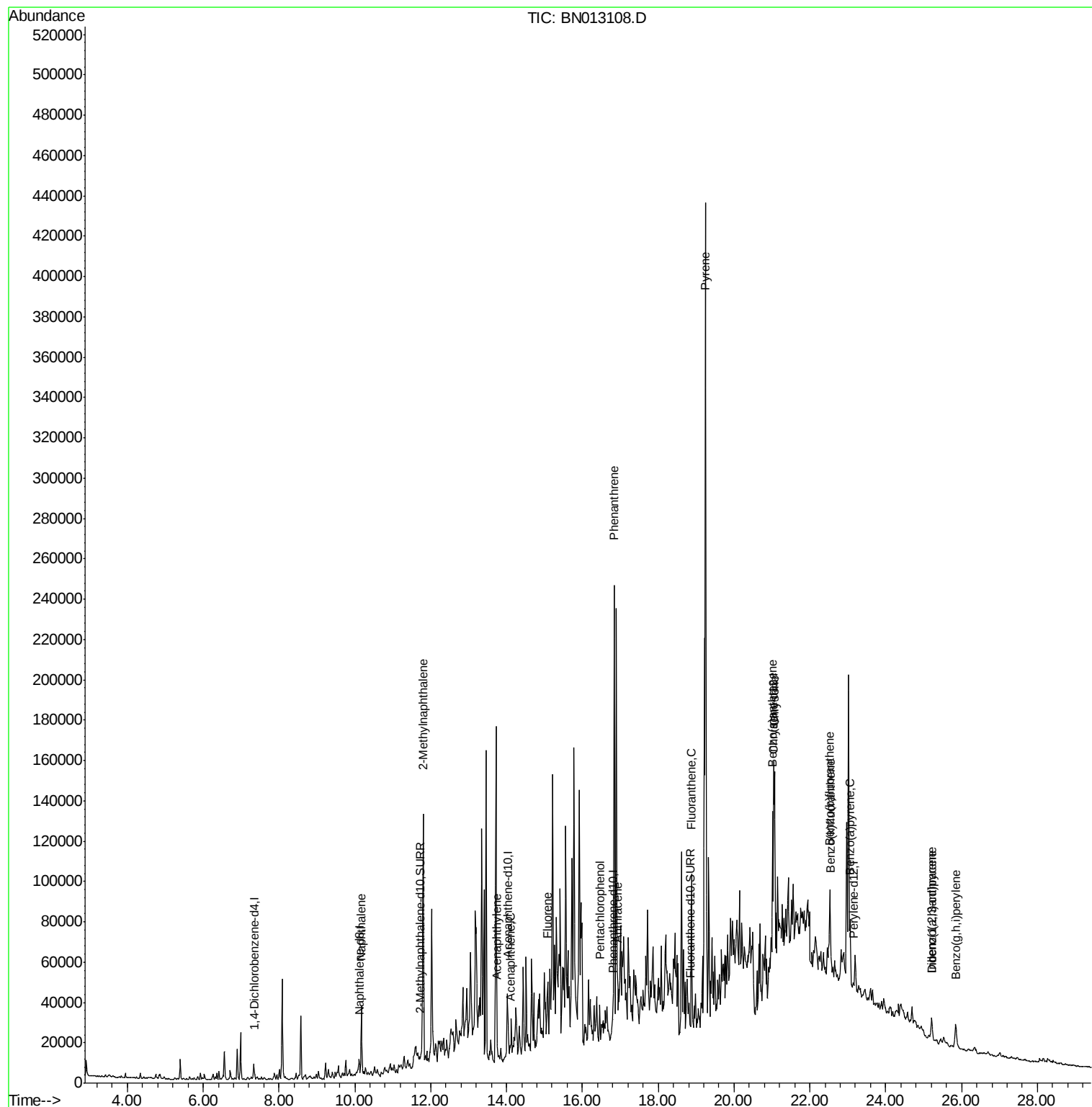
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
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ALS Vial : 3 Sample Multiplier: 1

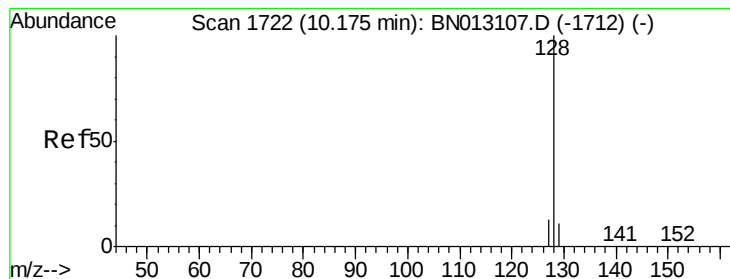
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Quant Time: Dec 14 11:16:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Mon Dec 14 10:24:28 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.354 ng/ul

RT: 10.17 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Instrument :

BNA_N

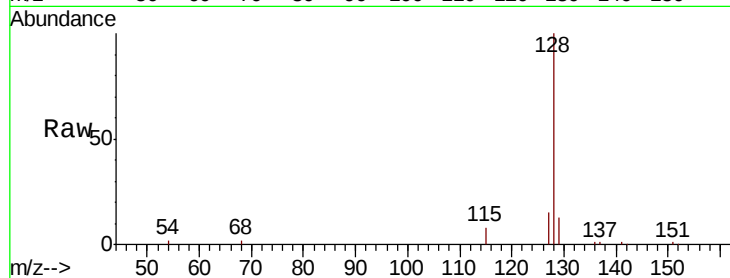
ClientSampleId :

C0AD8RE

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	12.3	18.5
127	14.9	14.2	21.4

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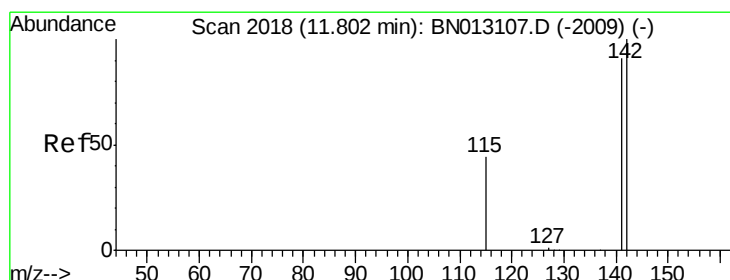
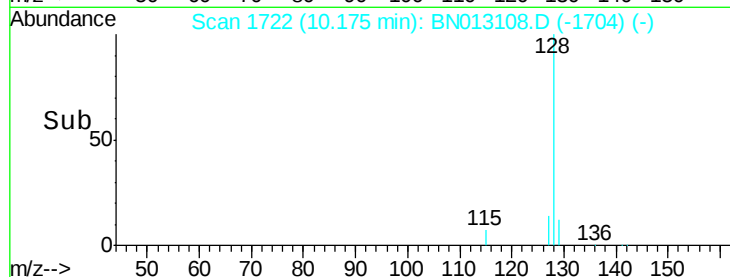
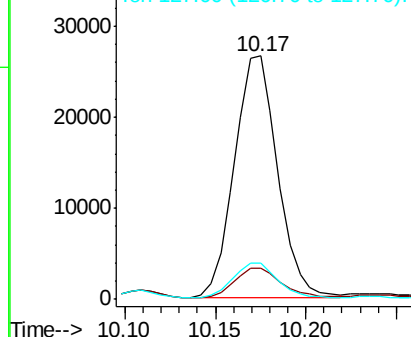


Abundance

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: 9.239 ng/ul

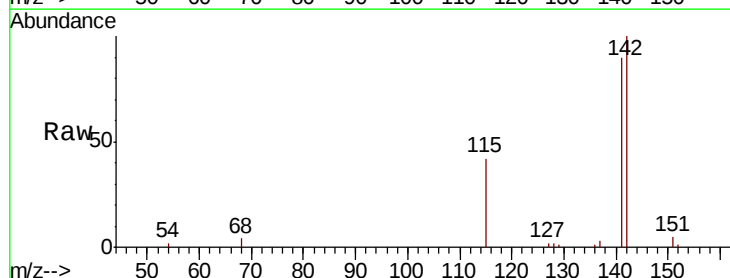
RT: 11.80 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

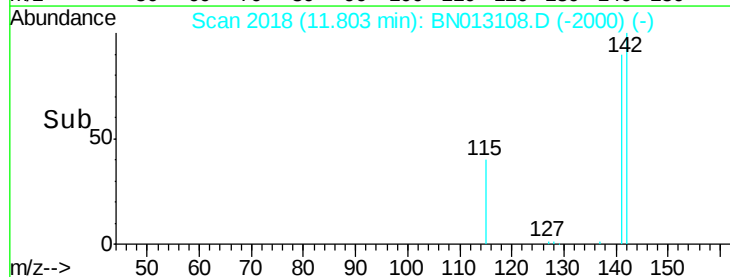
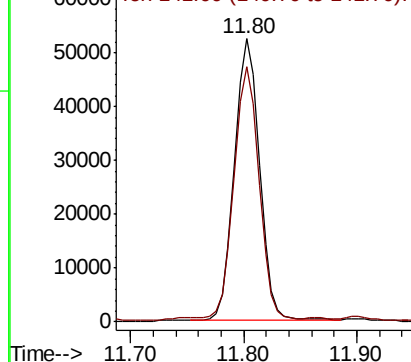
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6

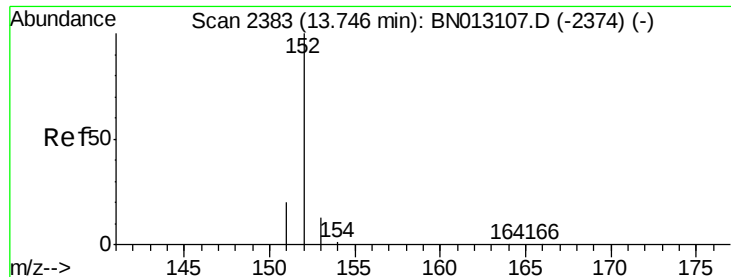


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.214 ng/ul

RT: 13.75 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Instrument :

BNA_N

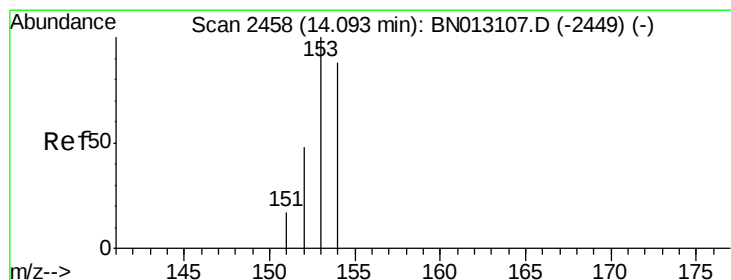
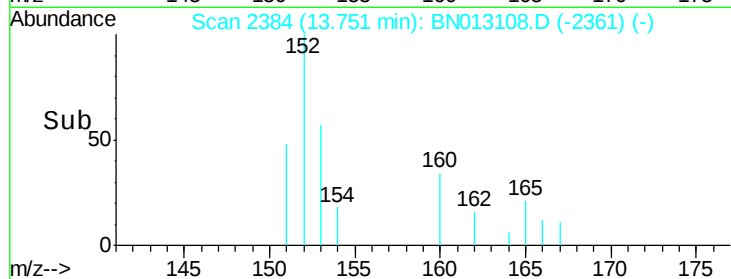
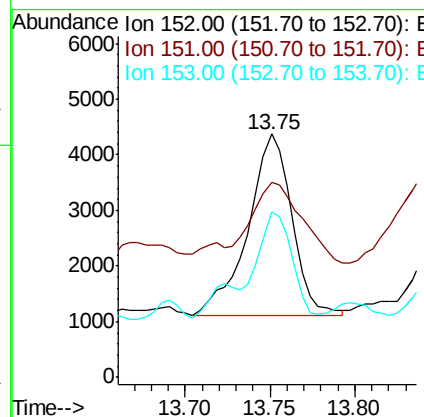
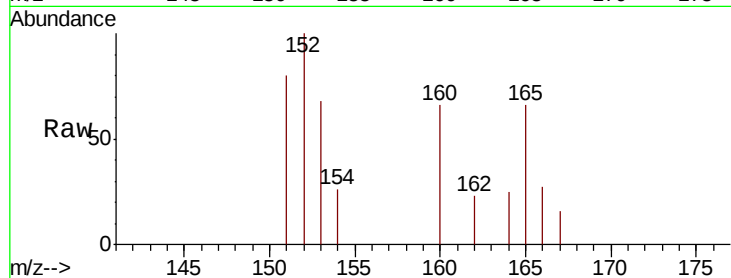
ClientSampleId :

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Tot Ion:	152	Resp:	5840
Ion Ratio	Lower	Upper	
152	100		
151	79.9	18.2	27.4#
153	67.9	13.1	19.7#

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#8

Acenaphthene

Concen: 0.144 ng/ul

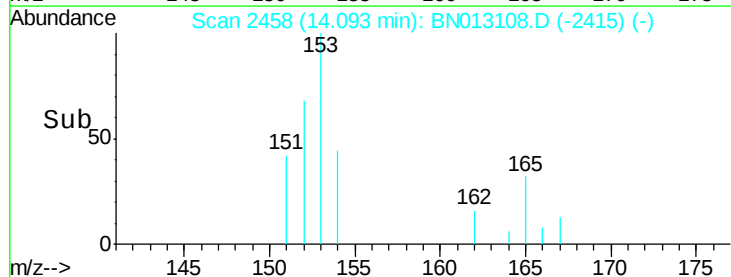
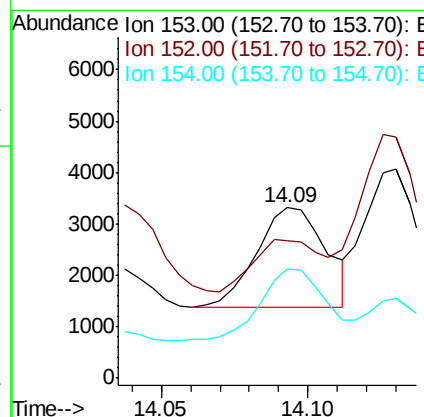
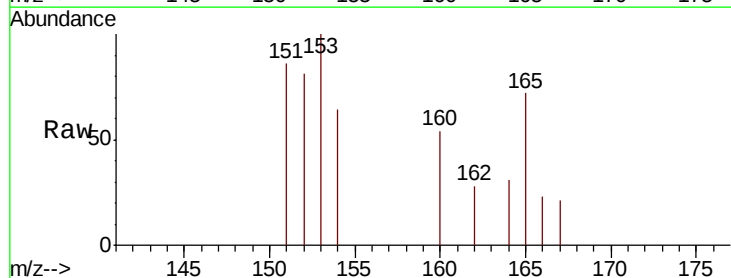
RT: 14.09 min Scan# 2458

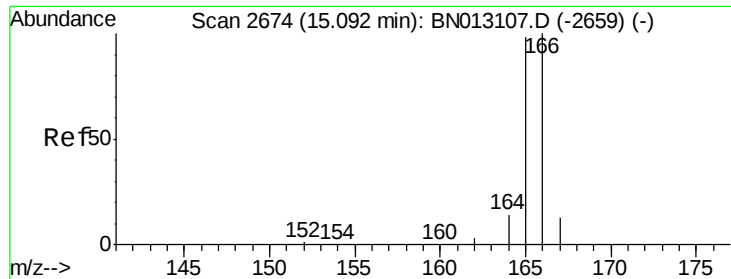
Delta R.T. 0.00 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Tgt Ion:	153	Resp:	3218
Ion Ratio	Lower	Upper	
153	100		
152	80.9	40.7	61.1#
154	63.8	70.8	106.2#





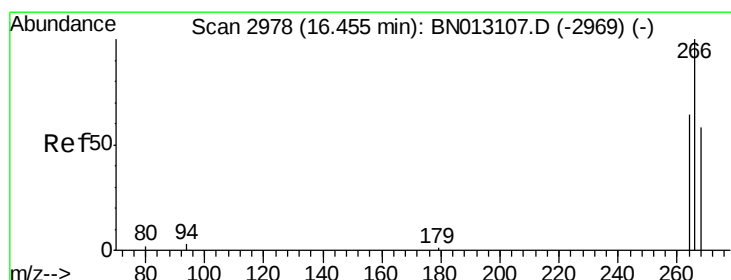
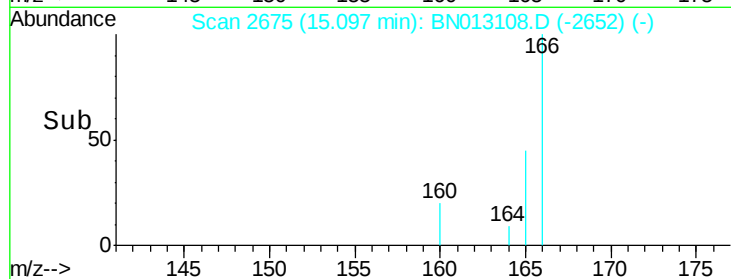
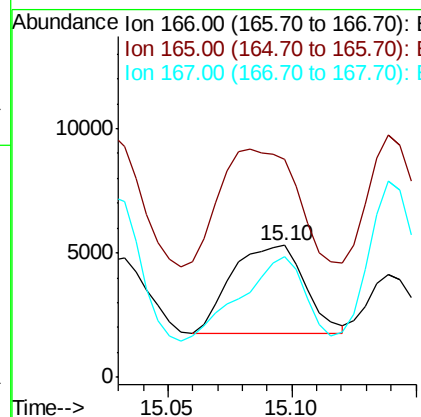
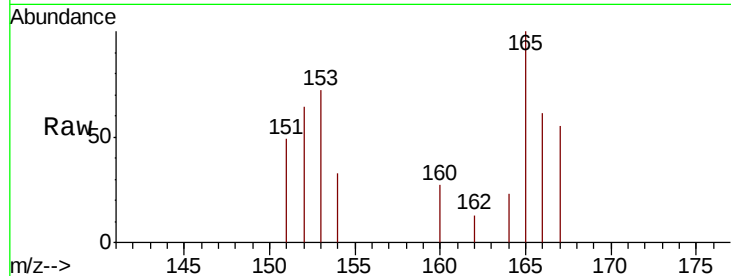
#9
Fluorene
 Concen: 0.286 ng/ul
 RT: 15.10 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: BN013108.D
 Acq: 14 Dec 2020 09:51

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8RE

Tot Ion:166 Resp: 7351
 Ion Ratio Lower Upper
 166 100
 165 165.2 79.8 119.8#
 167 91.5 13.8 20.8#

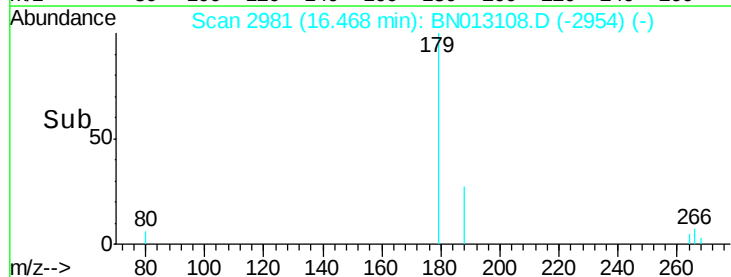
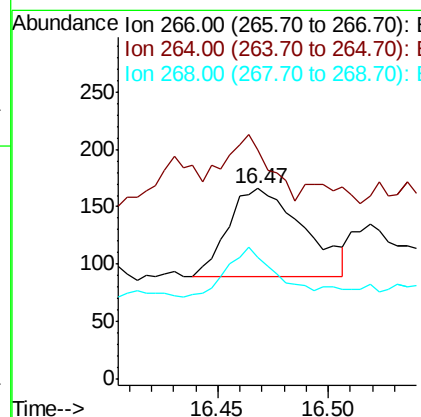
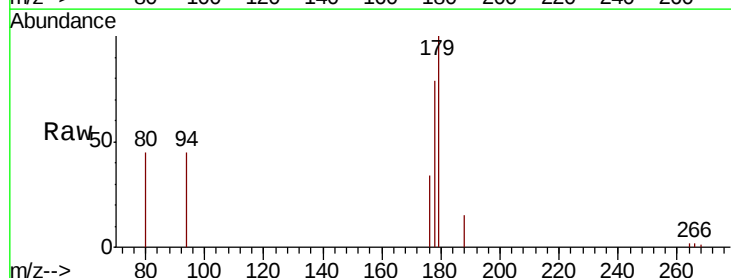
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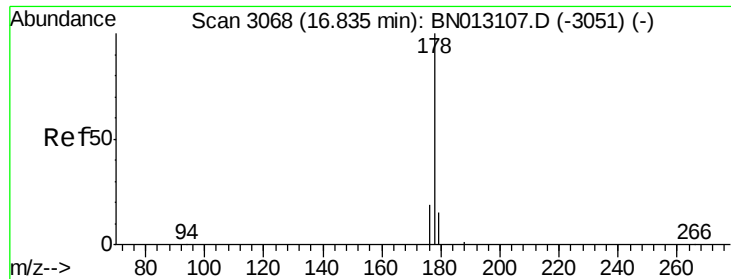
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#11
Pentachlorophenol
 Concen: 0.127 ng/ul
 RT: 16.47 min Scan# 2981
 Delta R.T. 0.01 min
 Lab File: BN013108.D
 Acq: 14 Dec 2020 09:51

Tgt Ion:266 Resp: 181
 Ion Ratio Lower Upper
 266 100
 264 52.5 51.5 77.3
 268 44.2 56.0 84.0#





#12

Phenanthrene

Concen: 13.267 ng/ul

RT: 16.84 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Instrument :

BNA_N

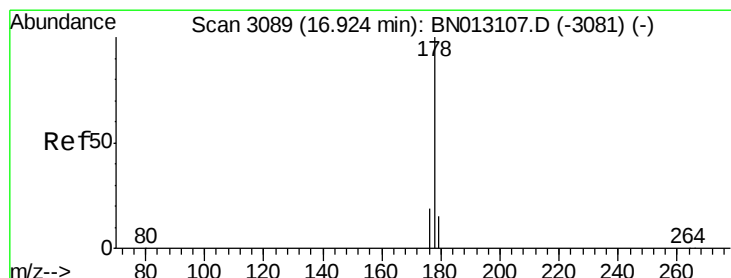
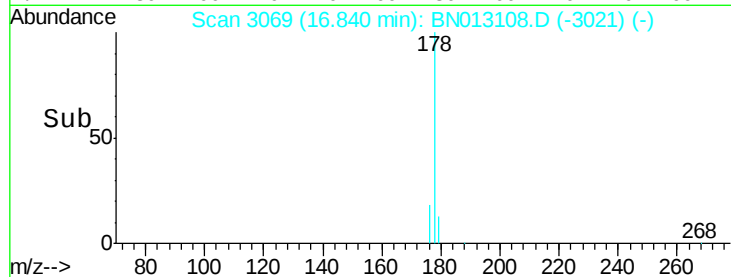
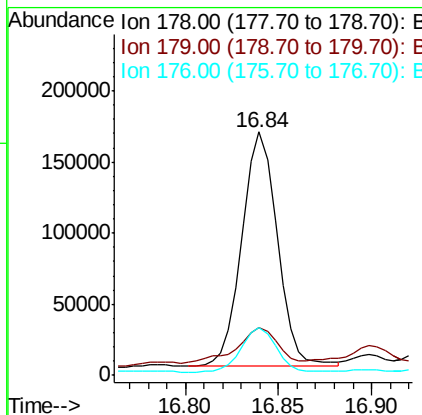
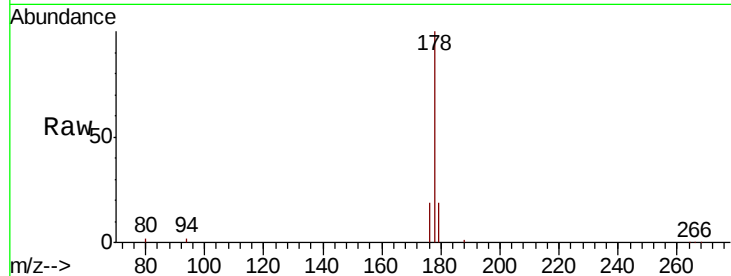
ClientSampleId :

C0AD8RE

Tot Ion:	178	Resp:	218936
Ion Ratio	Lower	Upper	
178	100		
179	19.4	13.6	20.4
176	19.4	16.4	24.6

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#13

Anthracene

Concen: 0.922 ng/ul

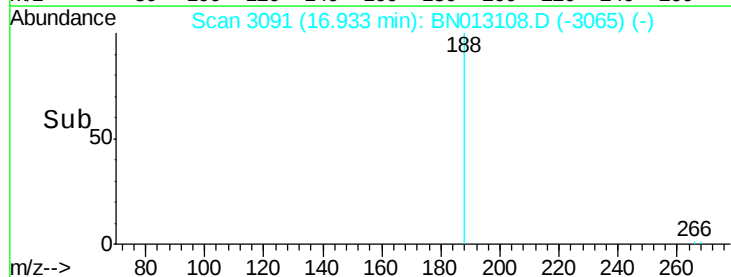
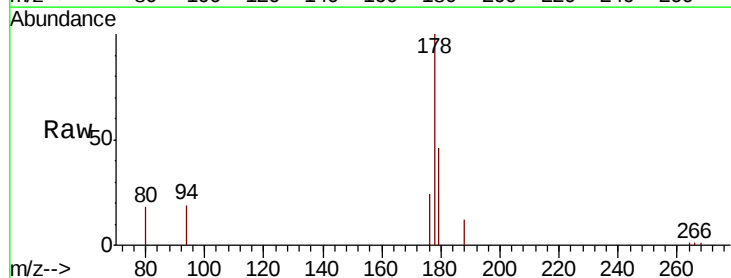
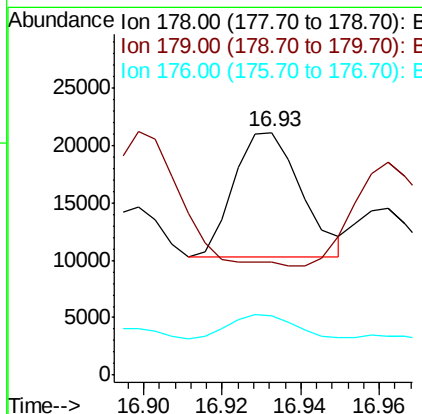
RT: 16.93 min Scan# 3091

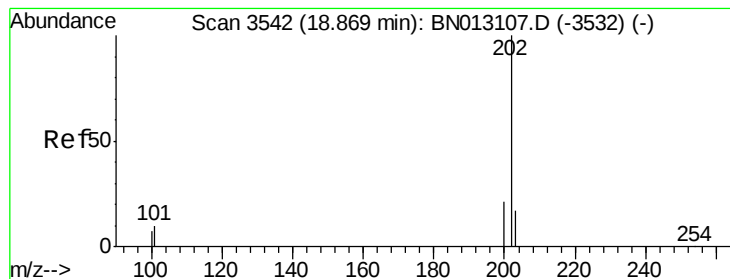
Delta R.T. 0.01 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Tgt Ion:	178	Resp:	12954
Ion Ratio	Lower	Upper	
178	100		
179	46.5	14.6	21.8#
176	24.2	17.1	25.7





#15

Fluoranthene

Concen: 3.577 ng/ul

RT: 18.87 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Instrument :

BNA_N

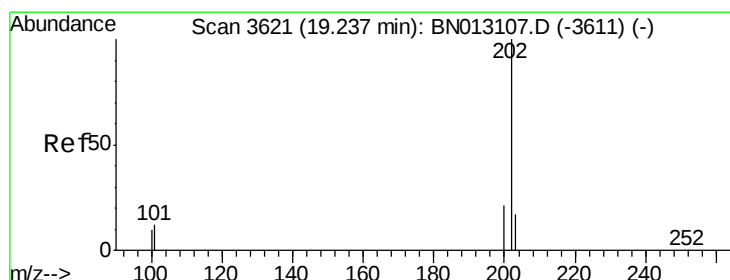
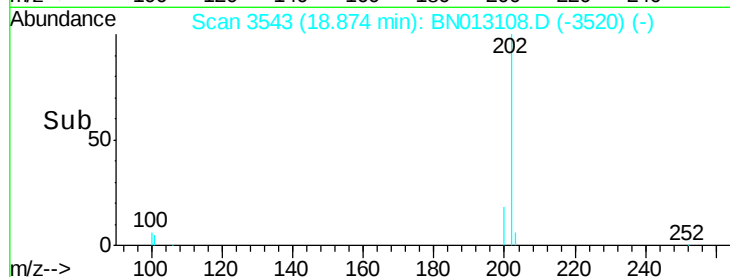
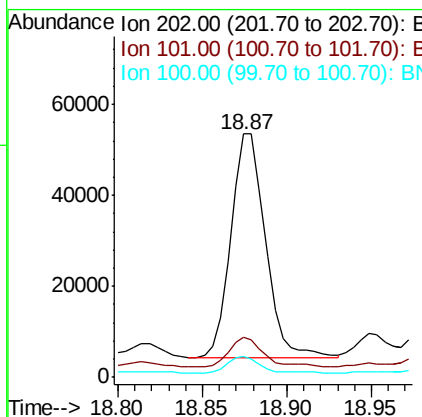
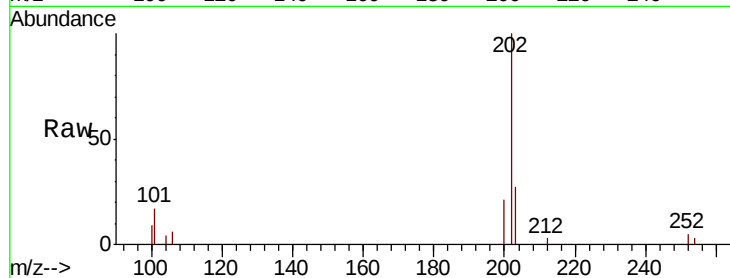
ClientSampleId :

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Tot Ion:	202	Resp:	70157
Ion Ratio	Lower	Upper	
202	100		
101	16.7	0.0	30.6
100	8.7	0.0	28.7

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#17

Pyrene

Concen: 11.655 ng/ul

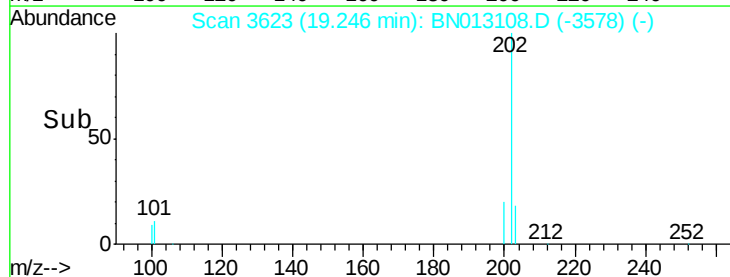
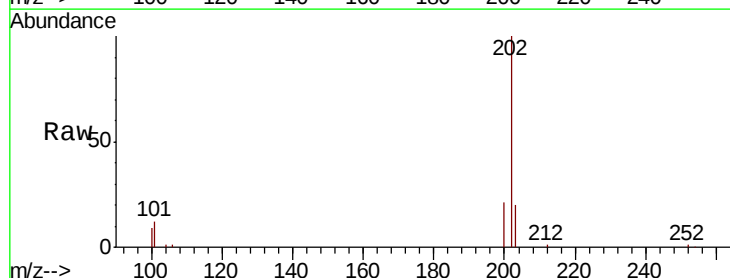
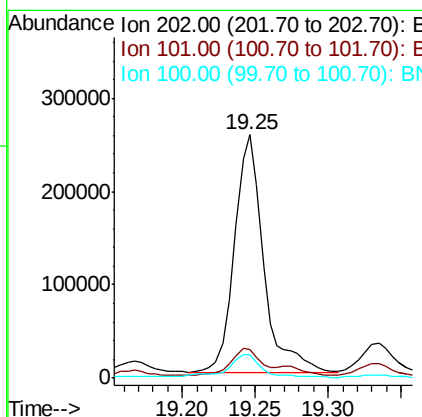
RT: 19.25 min Scan# 3623

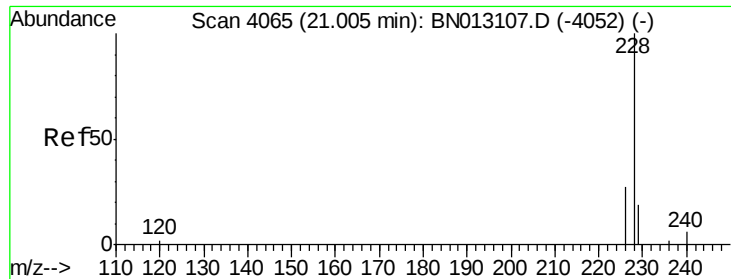
Delta R.T. 0.01 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Tgt Ion:	202	Resp:	350843
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.1	13.7
100	9.4	7.5	11.3





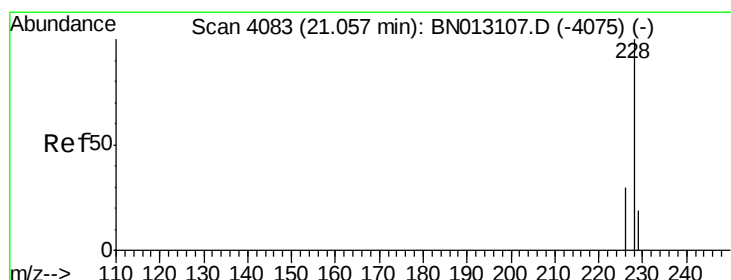
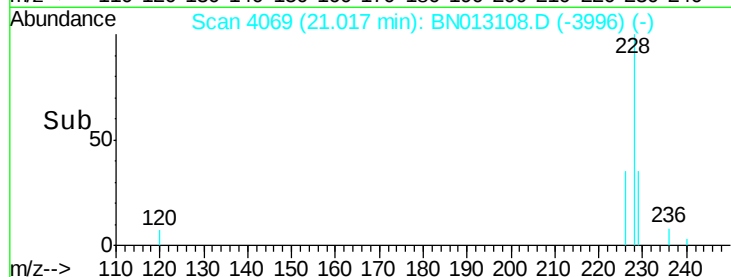
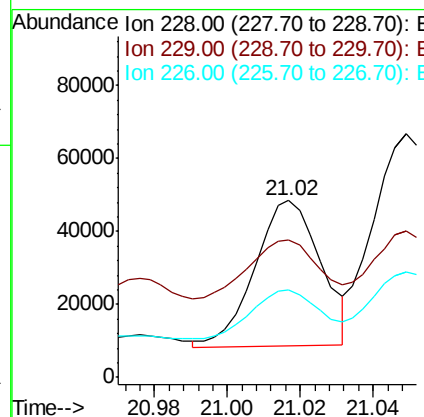
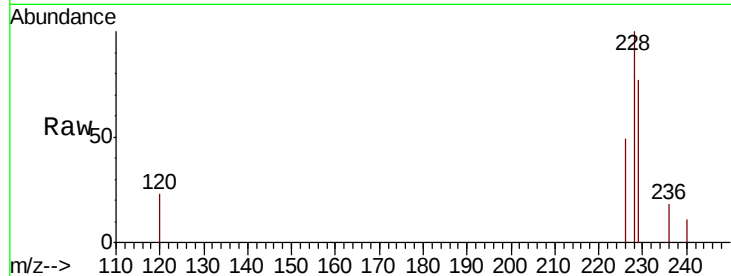
#18
Benzo(a)anthracene
Concen: 1.901 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. 0.01 min
Lab File: BN013108.D
Acq: 14 Dec 2020 09:51

Instrument :
BNA_N
ClientSampleId :
C0AD8RE

Tot Ion	Ratio	Lower	Upper
228	100		
229	77.4	16.3	24.5#
226	49.1	23.4	35.2#

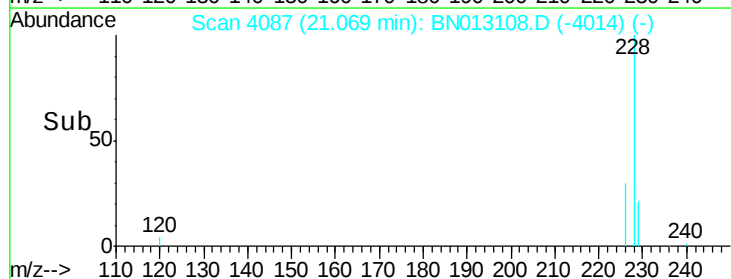
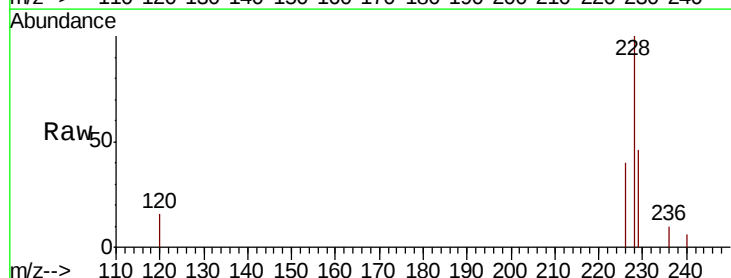
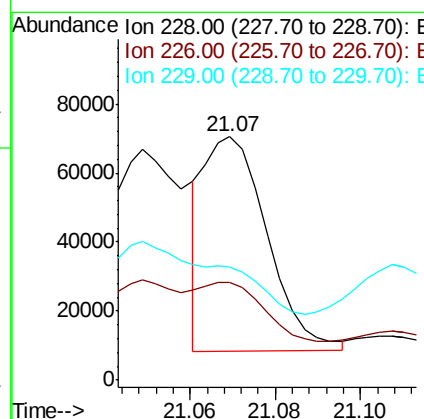
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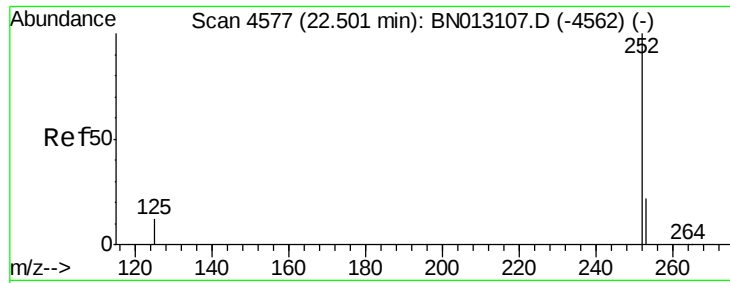
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#19
Chrysene
Concen: 2.179 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. 0.01 min
Lab File: BN013108.D
Acq: 14 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.2	25.0	37.6#
229	46.3	16.4	24.6#





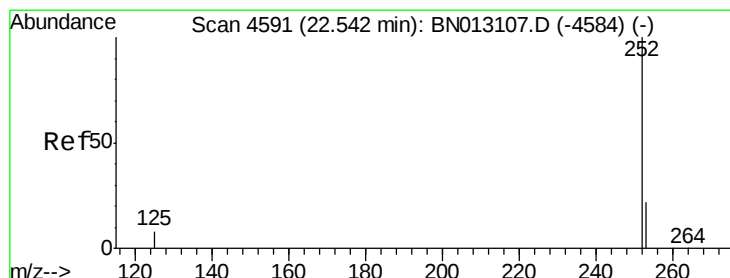
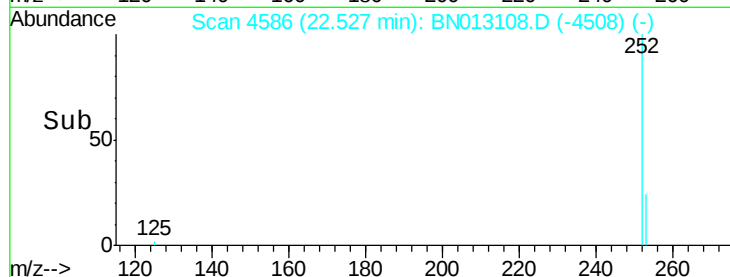
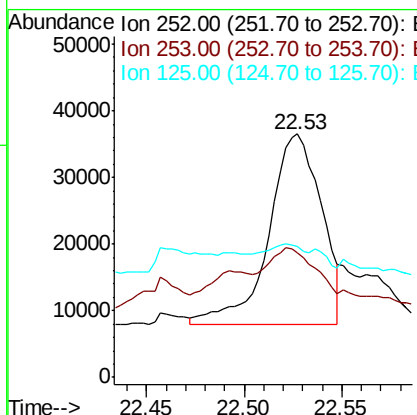
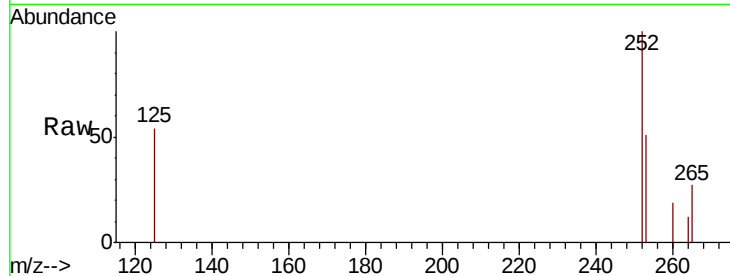
#21
Benzo(b)fluoranthene
Concen: 3.841 ng/ul m
RT: 22.53 min Scan# 4586
Delta R.T. 0.03 min
Lab File: BN013108.D
Acq: 14 Dec 2020 09:51

Instrument :
BNA_N
ClientSampleId :
C0AD8RE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	51.4	0.0	59.6
125	53.6	0.0	26.0#

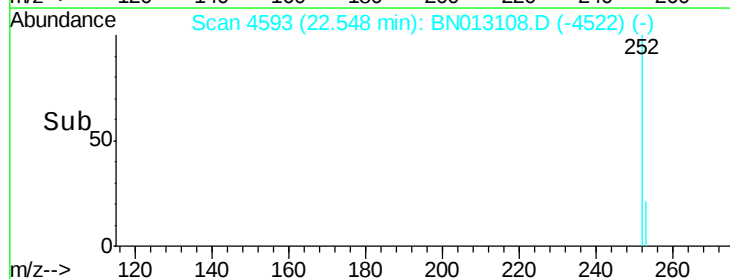
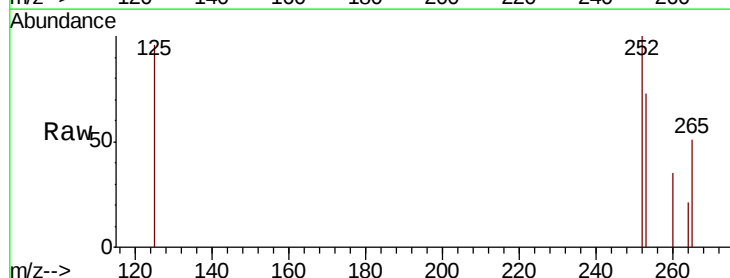
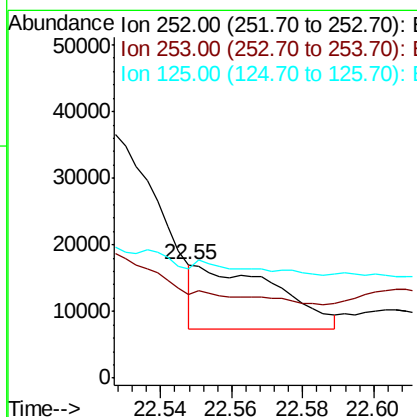
Manual Integrations
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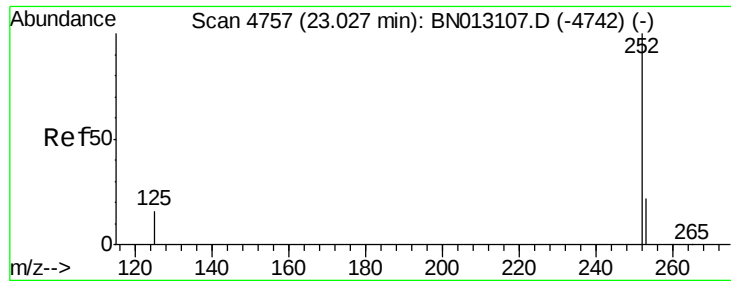
mohammad
12/15/2020 12:12:11 PM



#22
Benzo(k)fluoranthene
Concen: 0.990 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. 0.01 min
Lab File: BN013108.D
Acq: 14 Dec 2020 09:51

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	73.4	23.4	35.2#
125	95.8	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 2.950 ng/ul

RT: 23.06 min Scan# 4769

Delta R.T. 0.04 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Instrument :

BNA_N

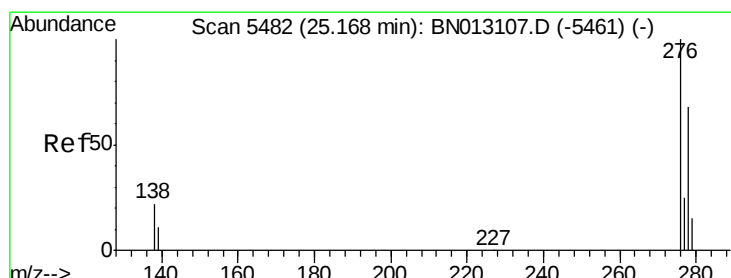
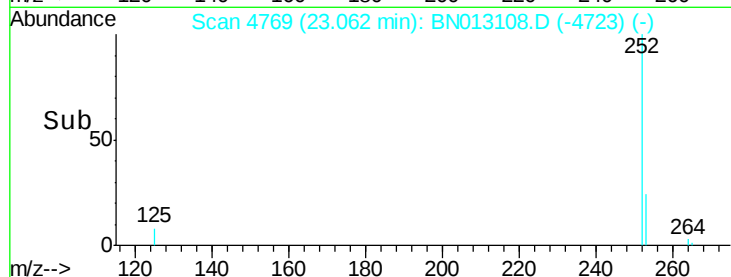
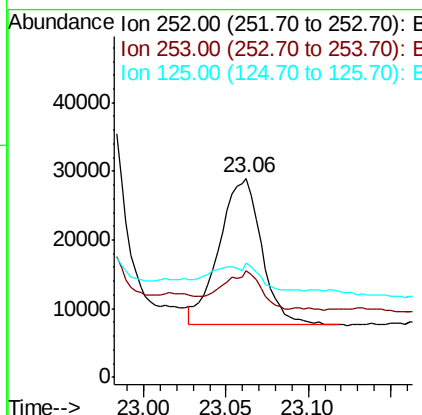
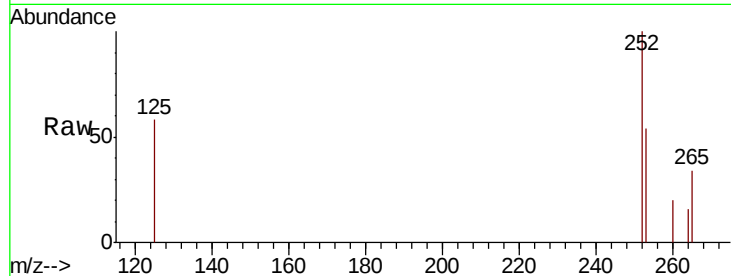
ClientSampleId :

C0AD8RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	53.7	26.5	39.7#
125	57.7	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.919 ng/ul

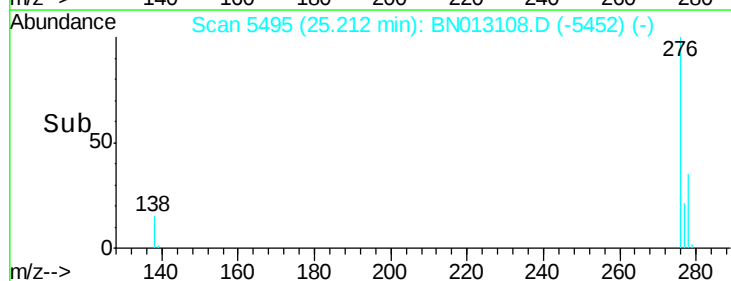
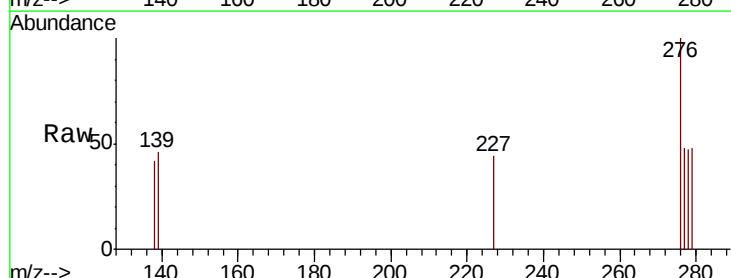
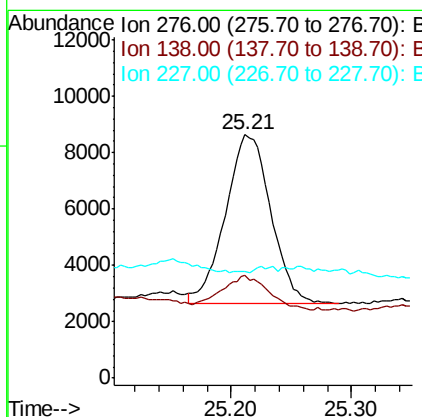
RT: 25.21 min Scan# 5495

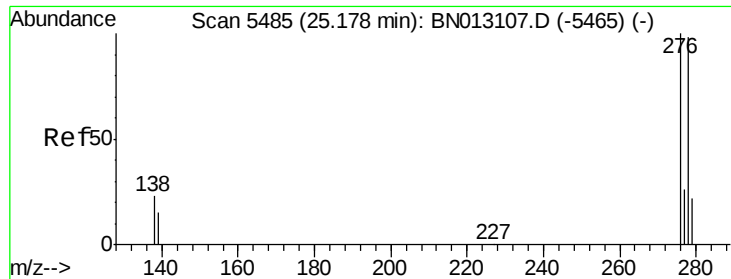
Delta R.T. 0.04 min

Lab File: BN013108.D

Acq: 14 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.2	24.2
227	0.0	0.0	0.0





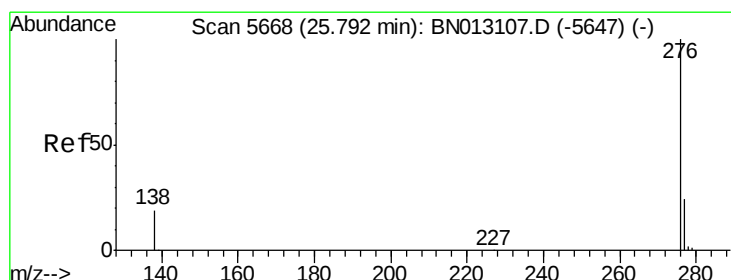
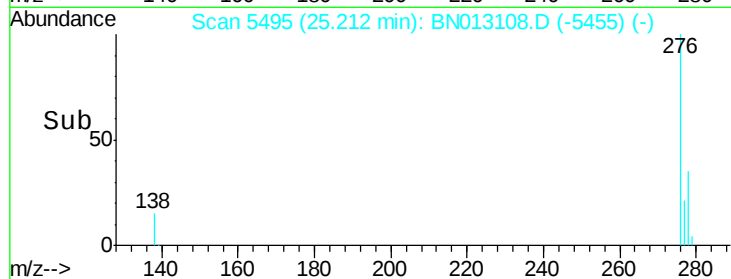
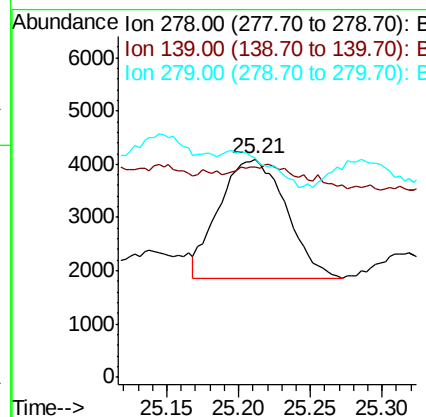
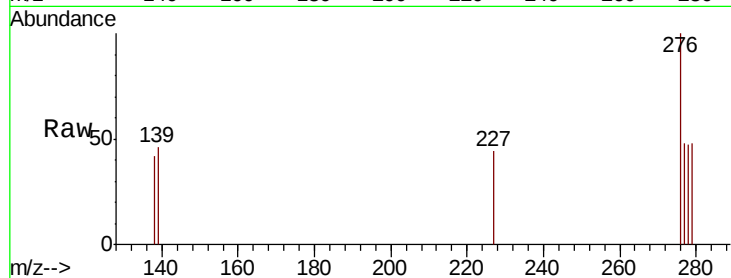
#25
Dibenzo(a,h)anthracene
Concen: 0.533 ng/u1
RT: 25.21 min Scan# 5495
Delta R.T. 0.03 min
Lab File: BN013108.D
Acq: 14 Dec 2020 09:51

Instrument :
BNA_N
ClientSampleId :
C0AD8RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	96.3	14.5	21.7#
279	100.5	26.3	39.5#

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#26
Benzo(g,h,i)perylene
Concen: 1.614 ng/u1
RT: 25.85 min Scan# 5685
Delta R.T. 0.06 min
Lab File: BN013108.D
Acq: 14 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	16.3	24.5#
277	41.7	21.8	32.6#

