

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013097.D
 Acq On : 12 Dec 2020 18:34
 Operator : CG/JU
 Sample : L5063-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7

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Quant Time: Dec 14 11:33:37 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	7.36	152	732	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	3057	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3375	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.79	188	3508	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	2807	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	2903	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1160	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	2109	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	46680	5.277	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	204951	35.271	ng/ul	98
7) Acenaphthylene	13.75	152	11736	0.735	ng/ul#	38
8) Acenaphthene	14.09	153	11543	0.881	ng/ul	94
9) Fluorene	15.09	166	19529	1.299	ng/ul#	88
11) Pentachlorophenol	16.46	266	67	0.066	ng/ul#	68
12) Phenanthrene	16.84	178	261193	22.207	ng/ul	97
13) Anthracene	16.92	178	23486	2.346	ng/ul#	94
15) Fluoranthene	18.87	202	96740	6.921	ng/ul	97
17) Pyrene	19.24	202	134061	10.111	ng/ul	99
18) Benzo(a)anthracene	21.00	228	46855	4.035	ng/ul#	79
19) Chrysene	21.05	228	51611m	4.022	ng/ul	
21) Benzo(b)fluoranthene	22.50	252	63109m	4.699	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	21666m	1.460	ng/ul	
23) Benzo(a)pyrene	23.03	252	42582	3.417	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.17	276	29001	1.772	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.17	278	8679	0.670	ng/ul#	28
26) Benzo(g,h,i)perylene	25.80	276	27665	1.868	ng/ul#	89

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

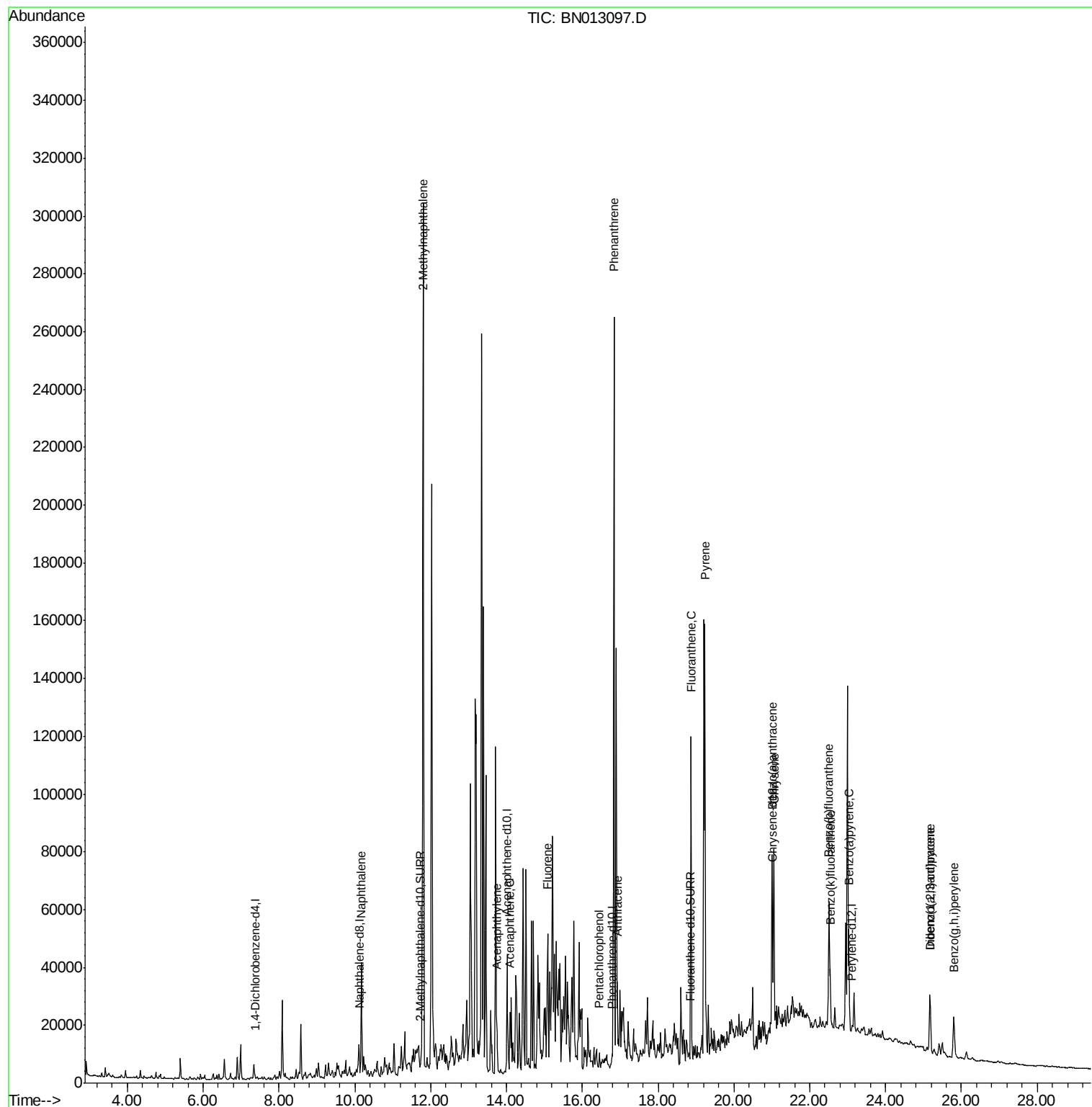
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
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ALS Vial : 8 Sample Multiplier: 1

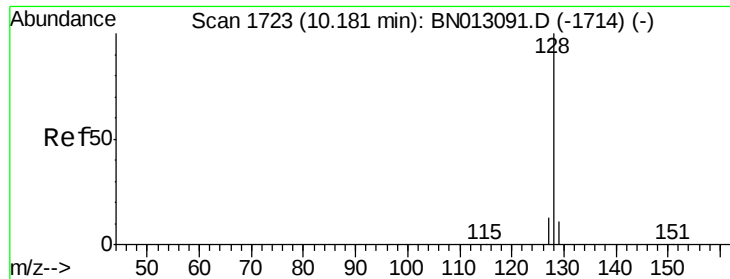
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Quant Time: Dec 14 11:33:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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#3

Naphthalene

Concen: 5.277 ng/ul

RT: 10.17 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Instrument :

BNA_N

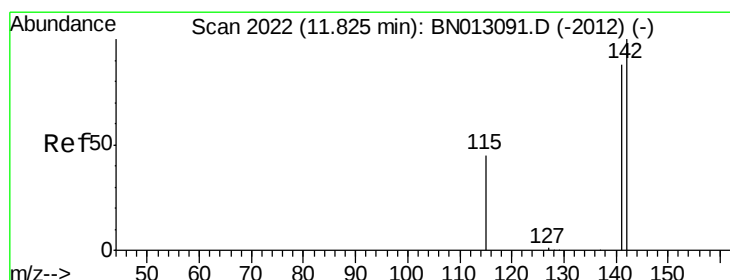
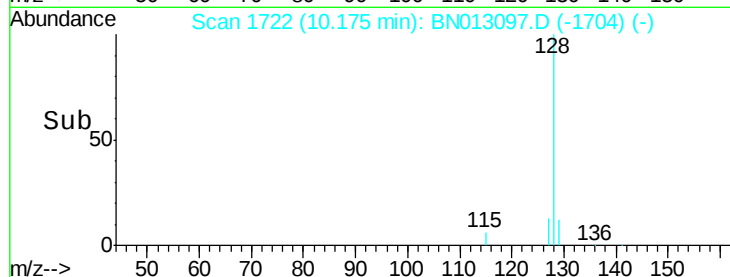
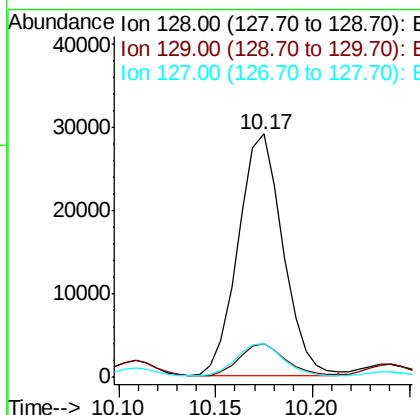
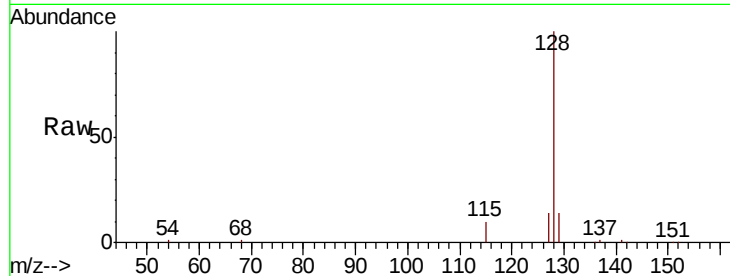
ClientSampleId :

C0AD7

Tot Ion:	128	Resp:	46680
Ion Ratio	Lower	Upper	
128	100		
129	13.7	12.3	18.5
127	14.1	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 35.271 ng/ul

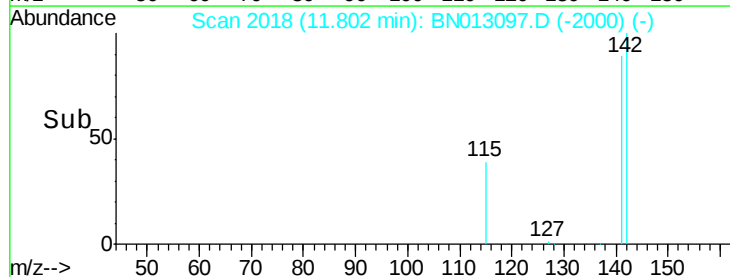
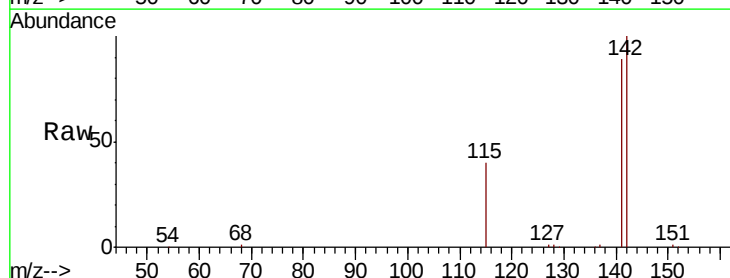
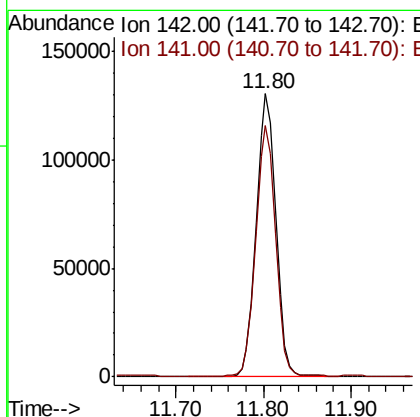
RT: 11.80 min Scan# 2018

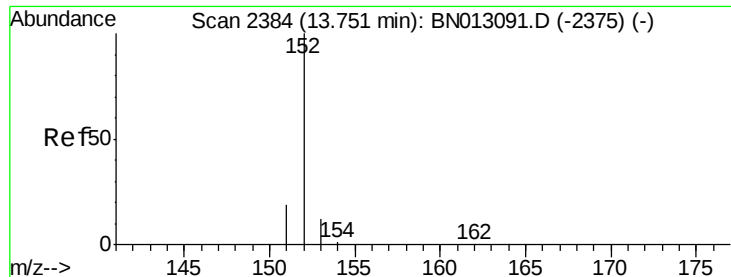
Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Tgt Ion:	142	Resp:	204951
Ion Ratio	Lower	Upper	
142	100		
141	89.8	73.0	109.6





#7

Acenaphthylene

Concen: 0.735 ng/ul

RT: 13.75 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Instrument :

BNA_N

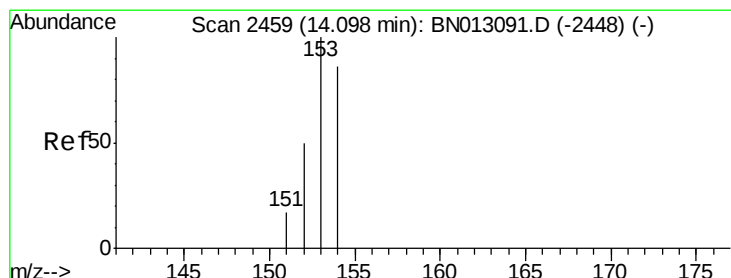
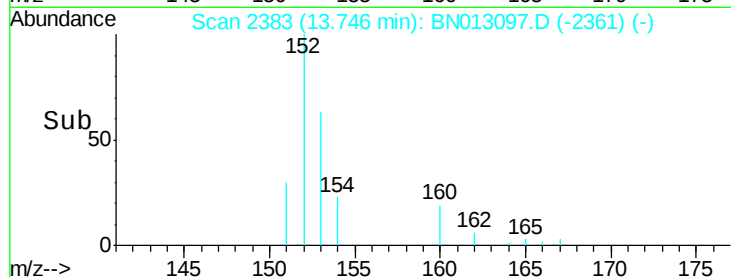
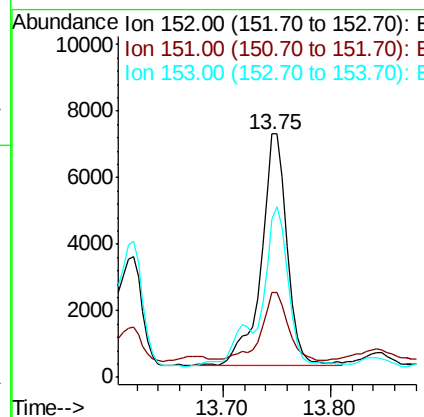
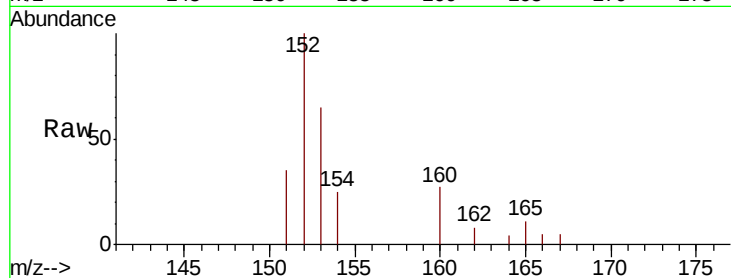
ClientSampleID :

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Tot Ion:	152	Resp:	11736
Ion Ratio	Lower	Upper	
152	100		
151	34.9	18.2	27.4#
153	64.6	13.1	19.7#

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#8

Acenaphthene

Concen: 0.881 ng/ul

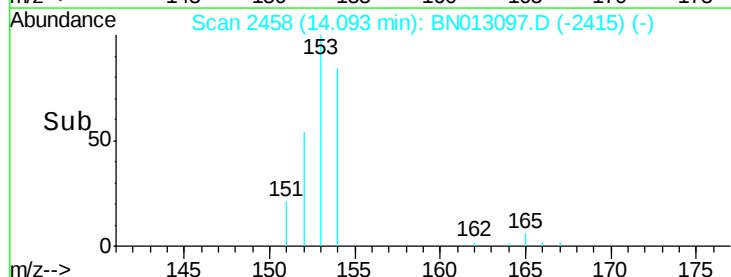
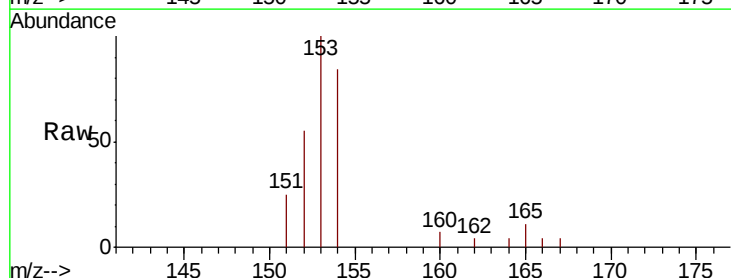
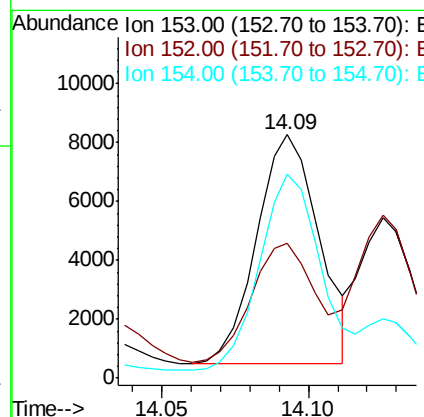
RT: 14.09 min Scan# 2458

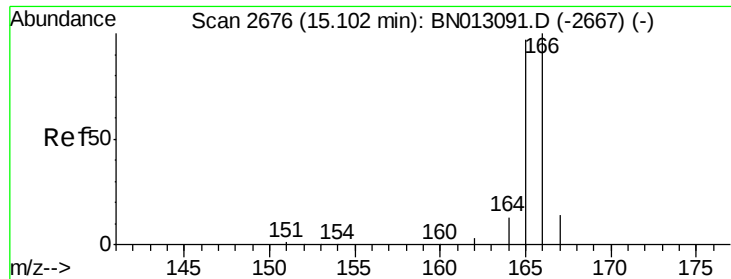
Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Tgt Ion:	153	Resp:	11543
Ion Ratio	Lower	Upper	
153	100		
152	55.5	40.7	61.1
154	83.8	70.8	106.2





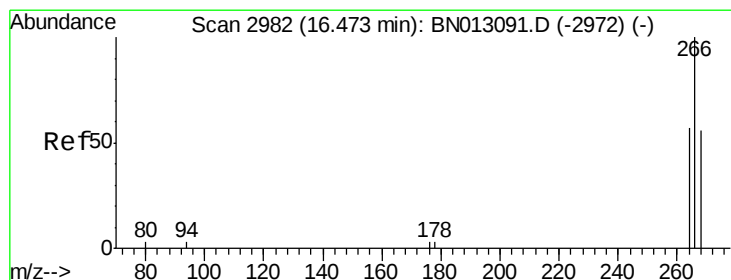
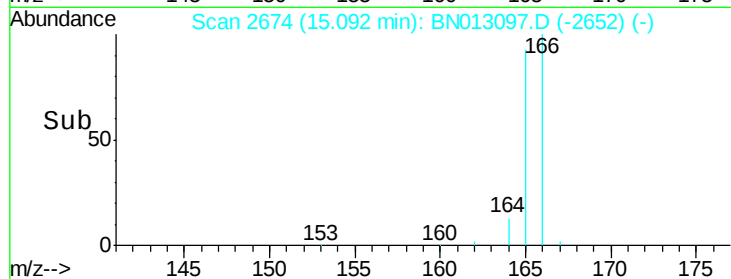
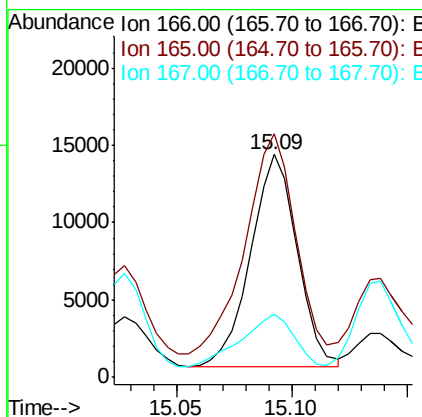
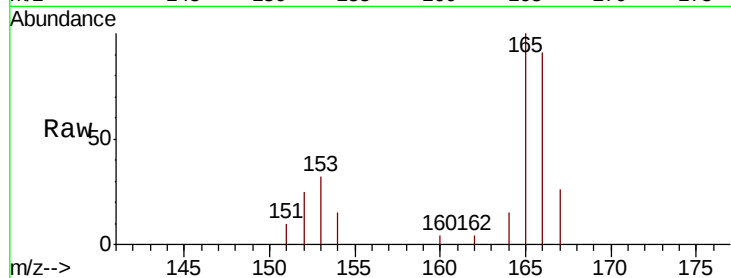
#9
Fluorene
 Concen: 1.299 ng/ul
 RT: 15.09 min Scan# 2674
 Delta R.T. 0.00 min
 Lab File: BN013097.D
 Acq: 12 Dec 2020 18:34

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	109.3	79.8	119.8
167	28.1	13.8	20.8

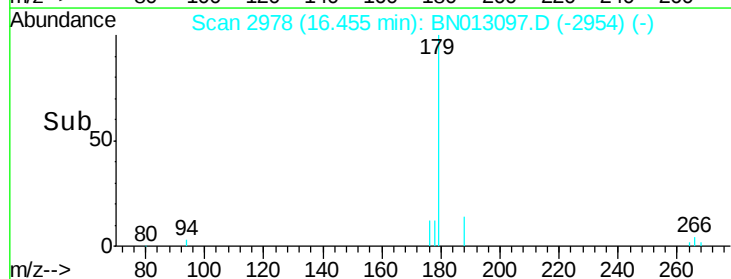
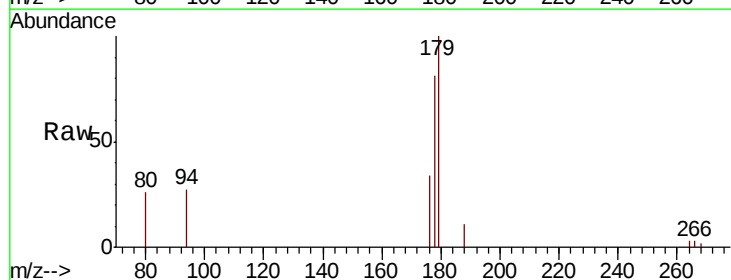
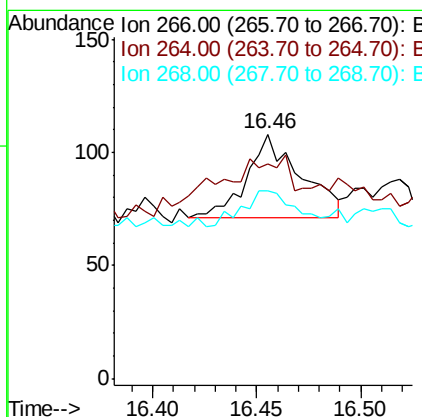
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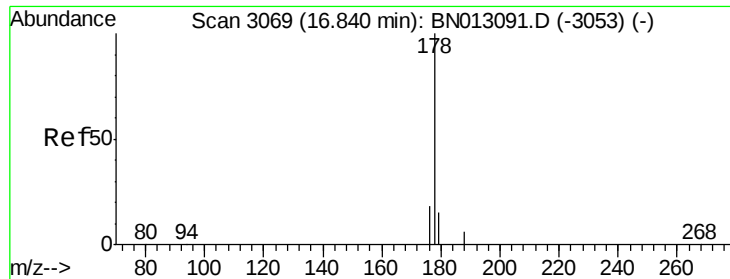
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#11
Pentachlorophenol
 Concen: 0.066 ng/ul
 RT: 16.46 min Scan# 2978
 Delta R.T. 0.00 min
 Lab File: BN013097.D
 Acq: 12 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	34.3	51.5	77.3
268	47.8	56.0	84.0





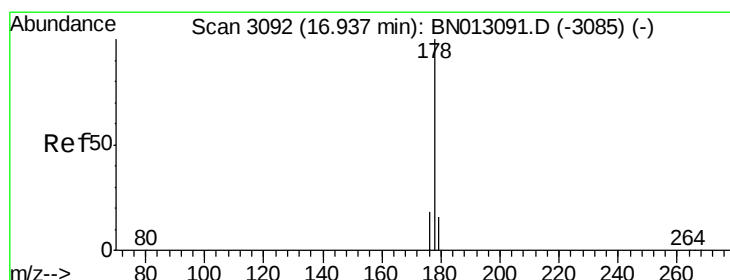
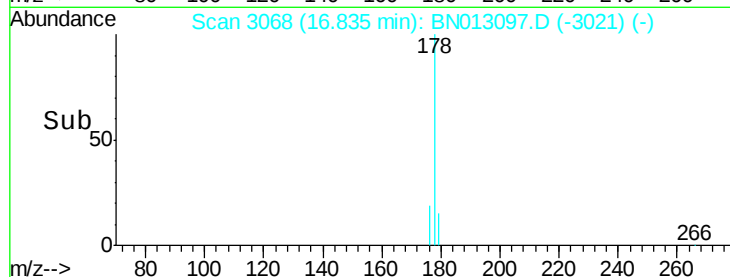
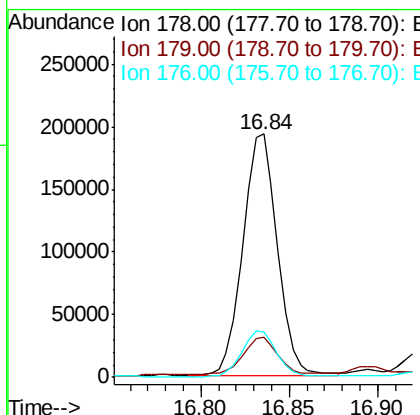
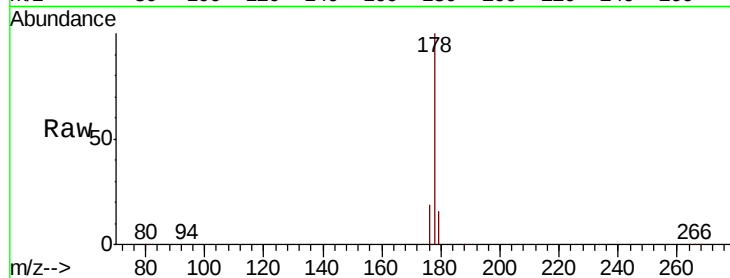
#12
Phenanthrene
Concen: 22.207 ng/ul
RT: 16.84 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Instrument :
BNA_N
ClientSampleId :
C0AD7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.6	20.4
176	18.8	16.4	24.6

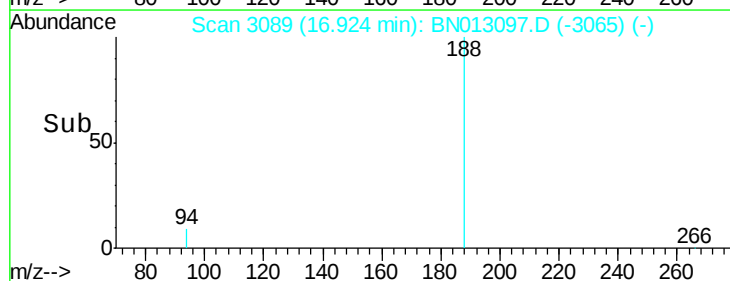
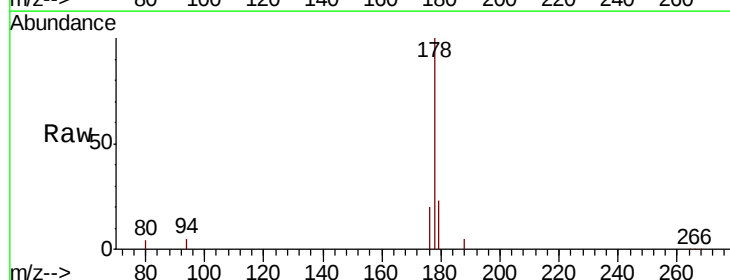
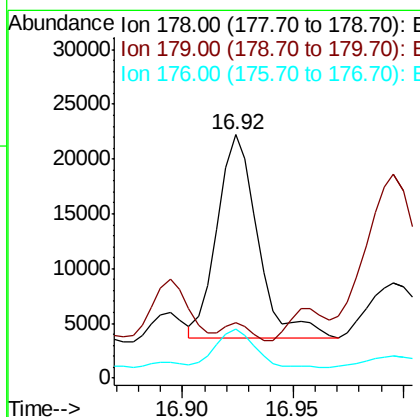
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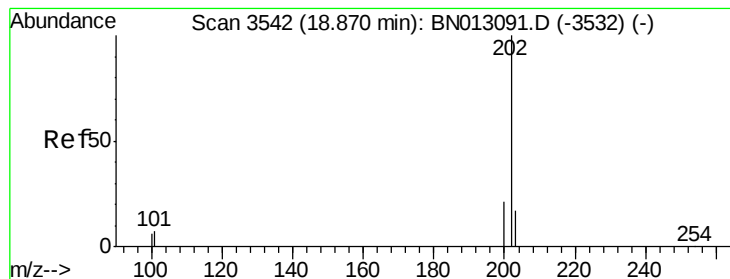
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#13
Anthracene
Concen: 2.346 ng/ul
RT: 16.92 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.6	14.6	21.8#
176	20.2	17.1	25.7





#15

Fluoranthene

Concen: 6.921 ng/ul

RT: 18.87 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Instrument :

BNA_N

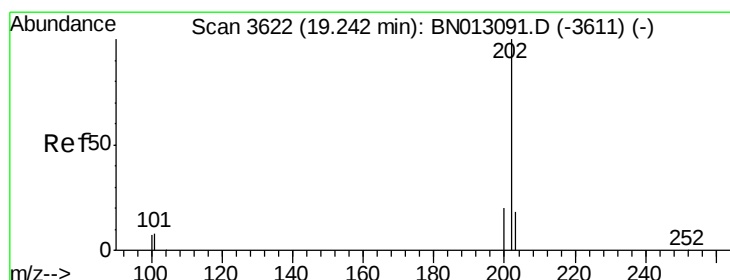
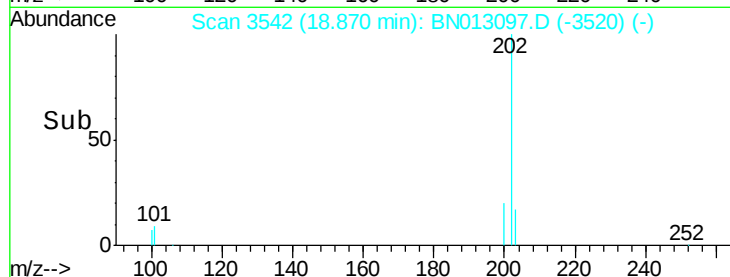
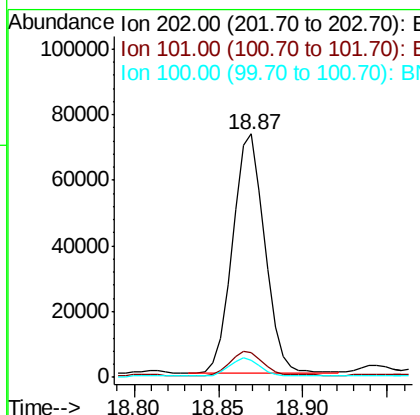
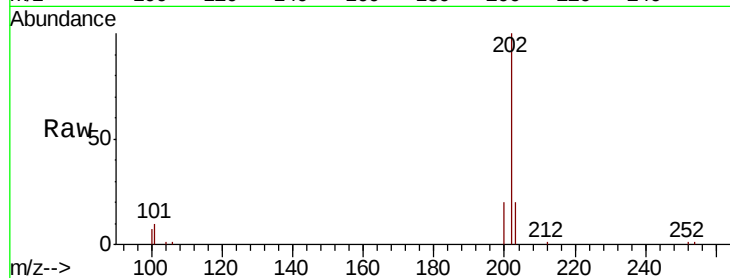
ClientSampleId :

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Tot Ion:	202	Resp:	96740
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.6
100	7.1	0.0	28.7

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#17

Pyrene

Concen: 10.111 ng/ul

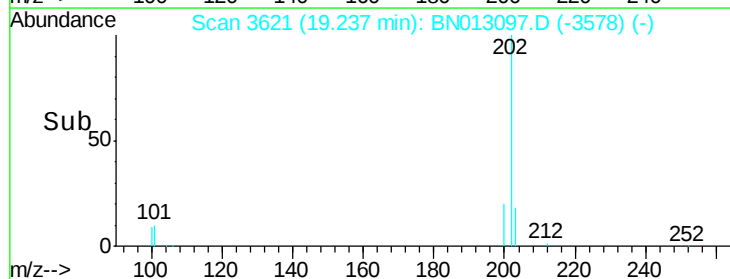
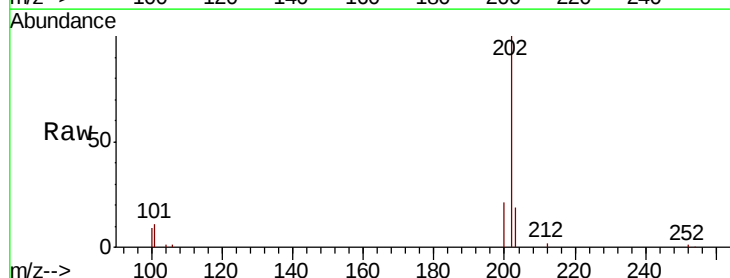
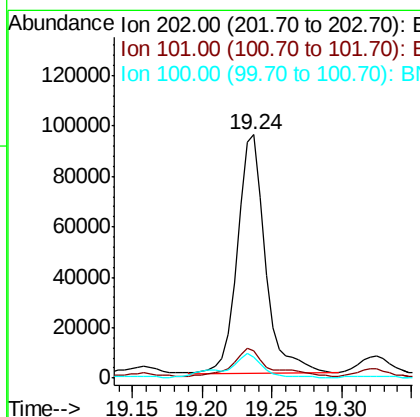
RT: 19.24 min Scan# 3621

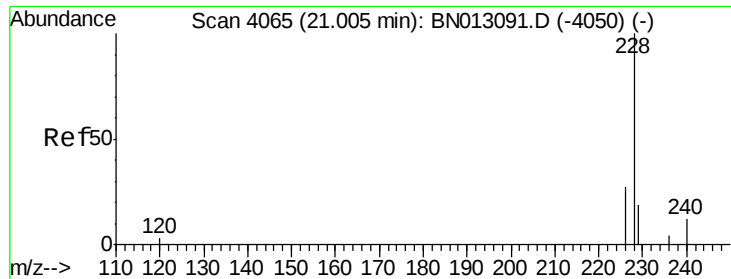
Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Tgt Ion:	202	Resp:	134061
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.1	13.7
100	8.8	7.5	11.3





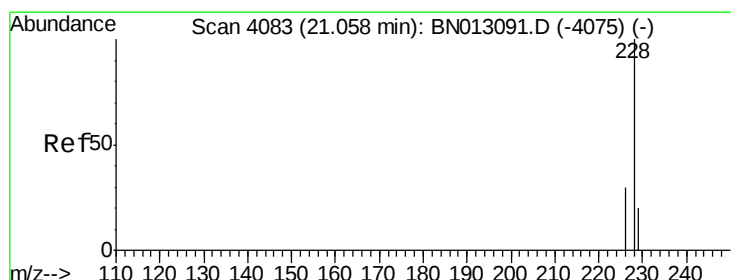
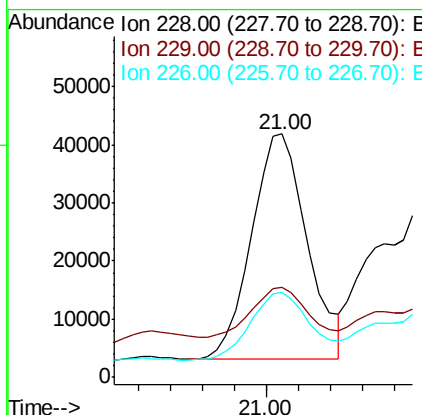
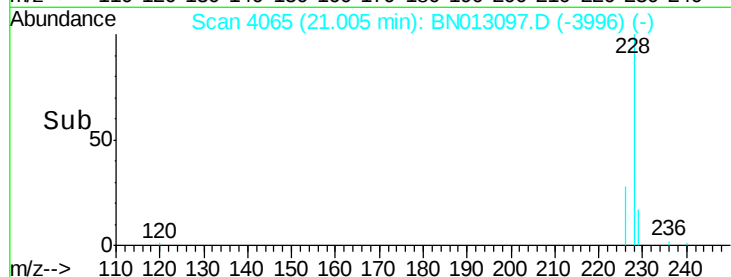
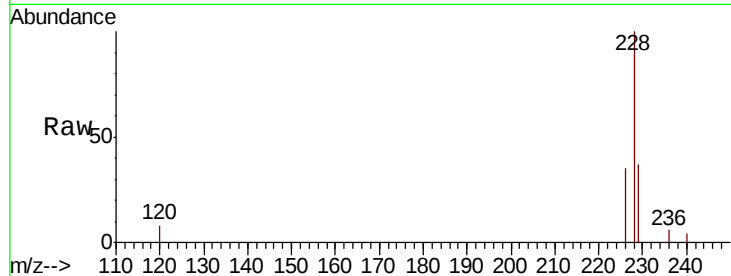
#18
Benzo(a)anthracene
Concen: 4.035 ng/ul
RT: 21.00 min Scan# 4065
Delta R.T. 0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Instrument :
BNA_N
ClientSampleId :
C0AD7

Tot Ion	Ratio	Lower	Upper
228	100		
229	36.7	16.3	24.5#
226	35.1	23.4	35.2

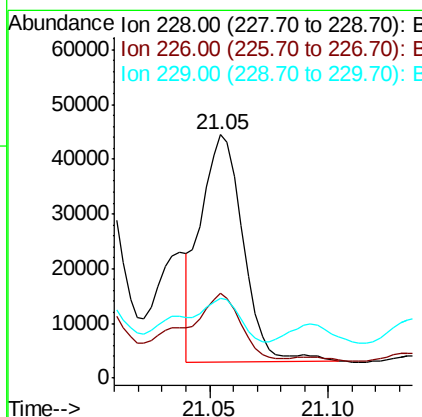
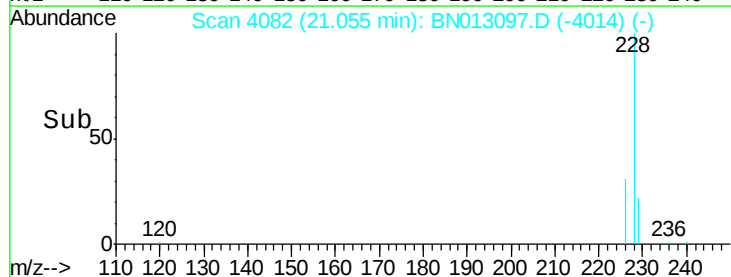
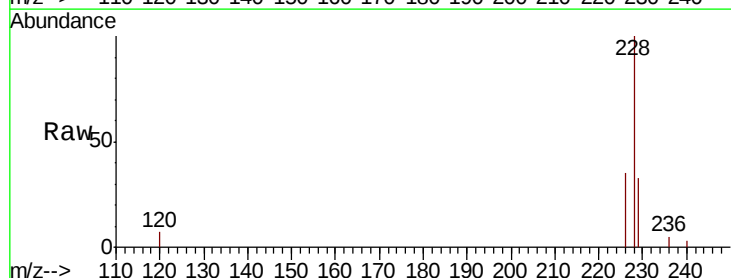
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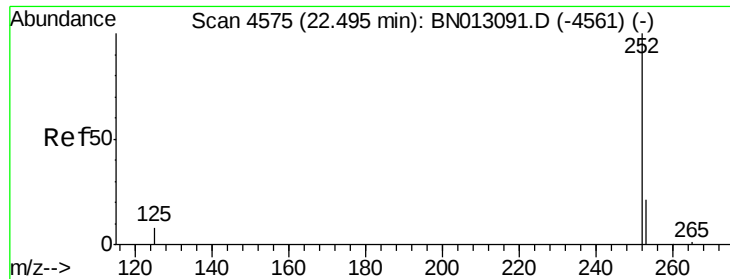
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#19
Chrysene
Concen: 4.022 ng/ul m
RT: 21.05 min Scan# 4082
Delta R.T. -0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	25.0	37.6
229	32.7	16.4	24.6#





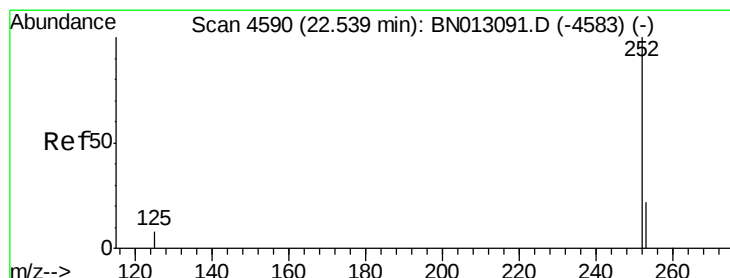
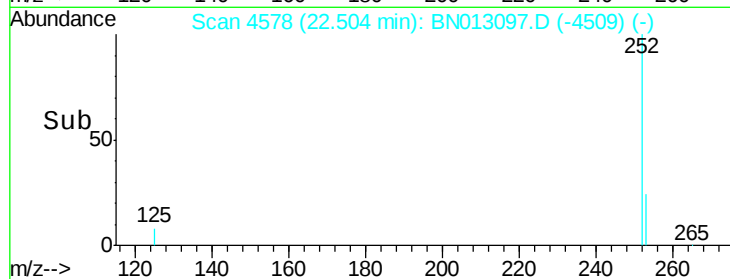
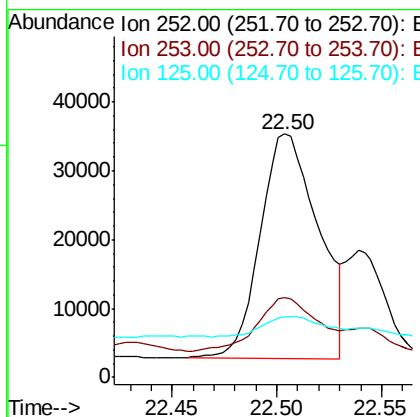
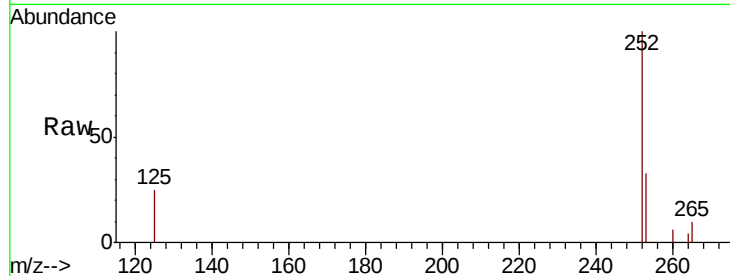
#21
Benzo(b)fluoranthene
Concen: 4.699 ng/ul m
RT: 22.50 min Scan# 4578
Delta R.T. 0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Instrument :
BNA_N
ClientSampleId :
C0AD7

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	59.6
125	24.9	0.0	26.0

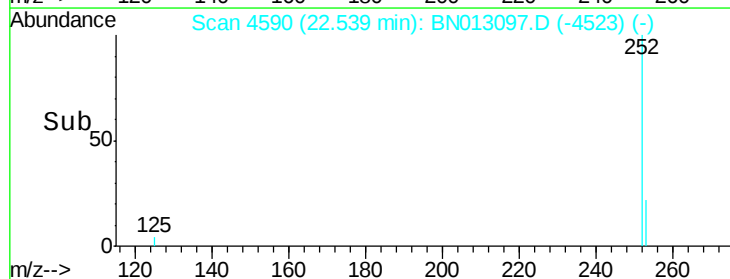
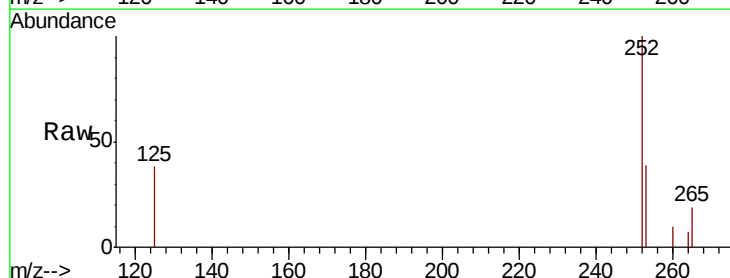
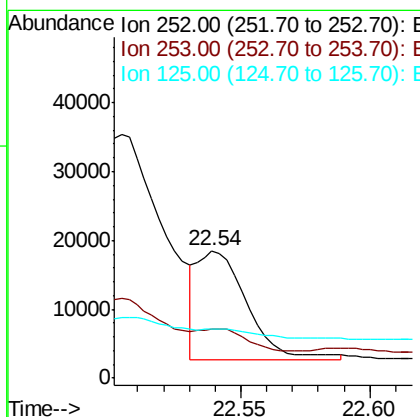
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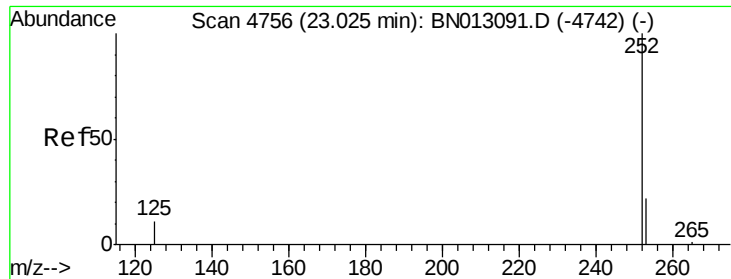
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#22
Benzo(k)fluoranthene
Concen: 1.460 ng/ul m
RT: 22.54 min Scan# 4590
Delta R.T. -0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.0	23.4	35.2#
125	38.4	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 3.417 ng/ul

RT: 23.03 min Scan# 4758

Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Instrument :

BNA_N

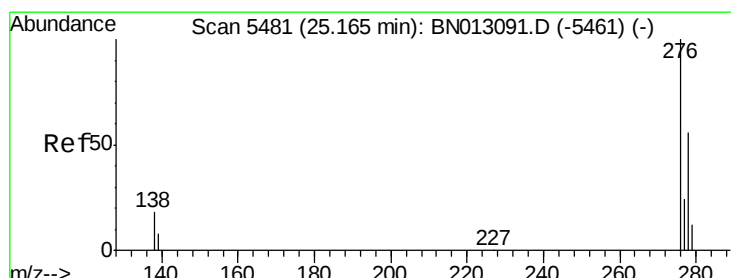
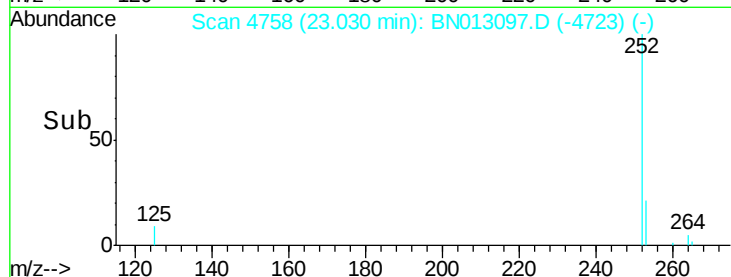
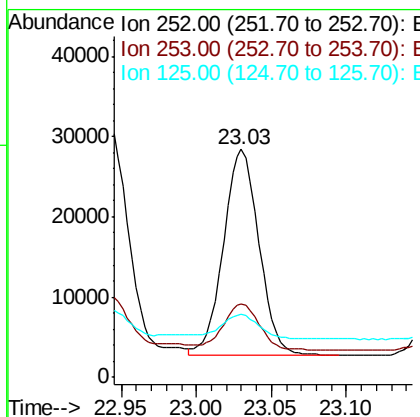
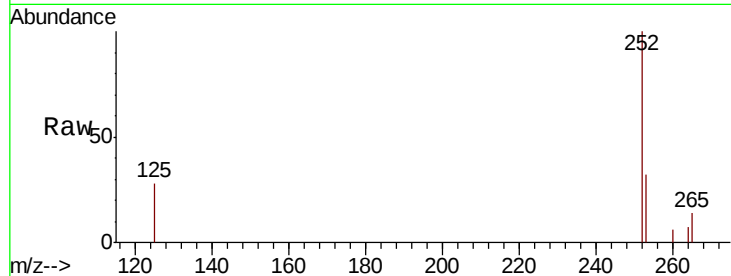
ClientSampleId :

C0AD7

Tot Ion:	252	Resp:	42582
Ion Ratio	Lower	Upper	
252	100		
253	32.4	26.5	39.7
125	27.6	14.2	21.2#

Manual Integrations
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mohammad
12/15/2020 12:17:11 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.772 ng/ul

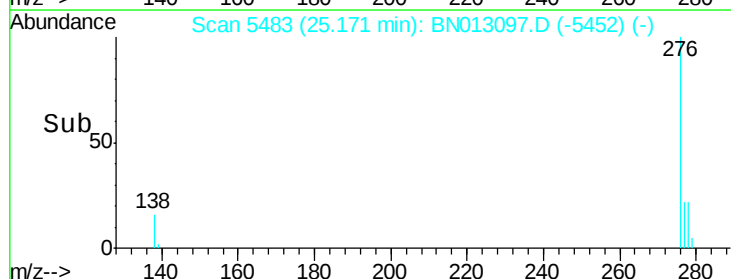
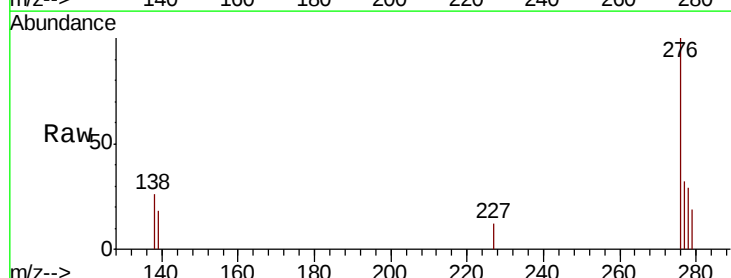
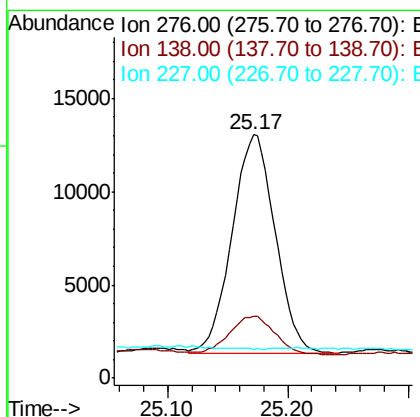
RT: 25.17 min Scan# 5483

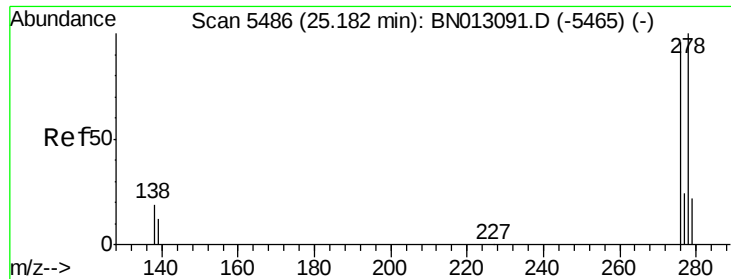
Delta R.T. 0.00 min

Lab File: BN013097.D

Acq: 12 Dec 2020 18:34

Tgt Ion:	276	Resp:	29001
Ion Ratio	Lower	Upper	
276	100		
138	18.6	16.2	24.2
227	0.0	0.0	0.0





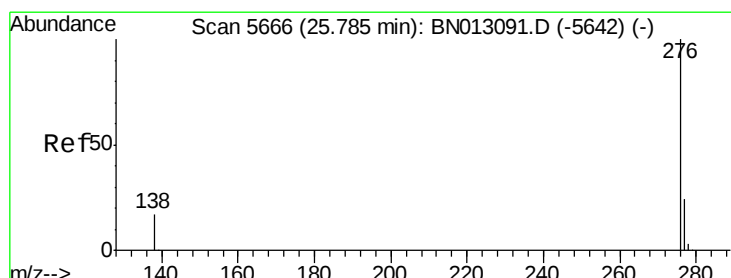
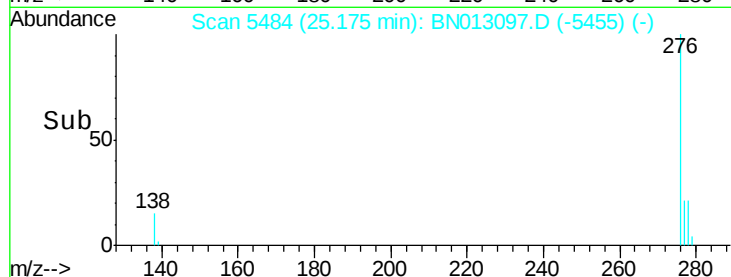
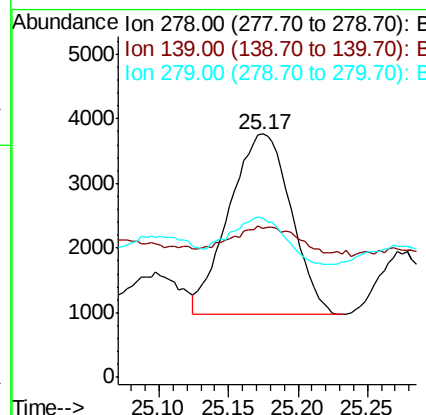
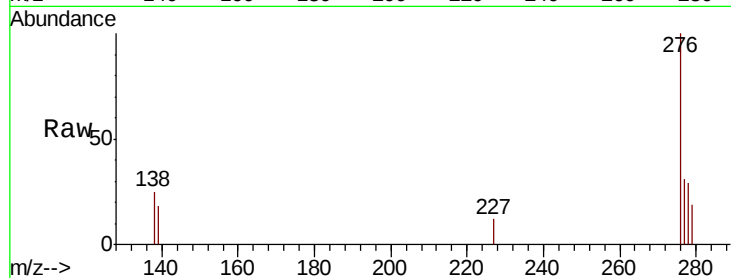
#25
Dibenzo(a,h)anthracene
Concen: 0.670 ng/ul
RT: 25.17 min Scan# 5484
Delta R.T. -0.00 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Instrument :
BNA_N
ClientSampleId :
C0AD7

Tot Ion	Ratio	Lower	Upper
278	100		
139	61.3	14.5	21.7#
279	65.5	26.3	39.5#

Manual Integrations
APPROVED

mohammad
12/15/2020 12:17:11 PM



#26
Benzo(g,h,i)perylene
Concen: 1.868 ng/ul
RT: 25.80 min Scan# 5670
Delta R.T. 0.01 min
Lab File: BN013097.D
Acq: 12 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.3	24.5#
277	32.3	21.8	32.6

