

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007464.D
 Acq On : 28 Aug 2019 12:38
 Operator : HP/JU
 Sample : K4373-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Manual Integrations
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mohammad
 8/29/2019 7:50:09 AM

Quant Time: Aug 28 14:30:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4793	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21216	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11277	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	26728m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21495m	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	18881m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	10618	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	27172m	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	16574	0.277	ng/ul	98
5) 2-Methylnaphthalene	11.83	142	1109	0.028	ng/ul	92
7) Acenaphthylene	13.76	152	11888	0.189	ng/ul	98
8) Acenaphthene	14.11	153	67313	1.493	ng/ul	97
9) Fluorene	15.11	166	21692	0.445	ng/ul	96
11) Pentachlorophenol	16.46	266	1826m	0.303	ng/ul	
12) Phenanthrene	16.84	178	4937m	0.059	ng/ul	
13) Anthracene	16.93	178	44583m	0.567	ng/ul	
15) Fluoranthene	18.87	202	27617m	0.247	ng/ul	
17) Pyrene	19.24	202	26755m	0.254	ng/ul	
18) Benzo(a)anthracene	21.01	228	11131m	0.116	ng/ul	
19) Chrysene	21.05	228	12376m	0.120	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	32695m	0.396	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	10687m	0.124	ng/ul	
23) Benzo(a)pyrene	23.04	252	22848m	0.278	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	51293m	0.557	ng/ul	
25) Dibenzo(a,h)anthracene	25.19	278	8986m	0.123	ng/ul	
26) Benzo(g,h,i)perylene	25.81	276	85598m	1.089	ng/ul	

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

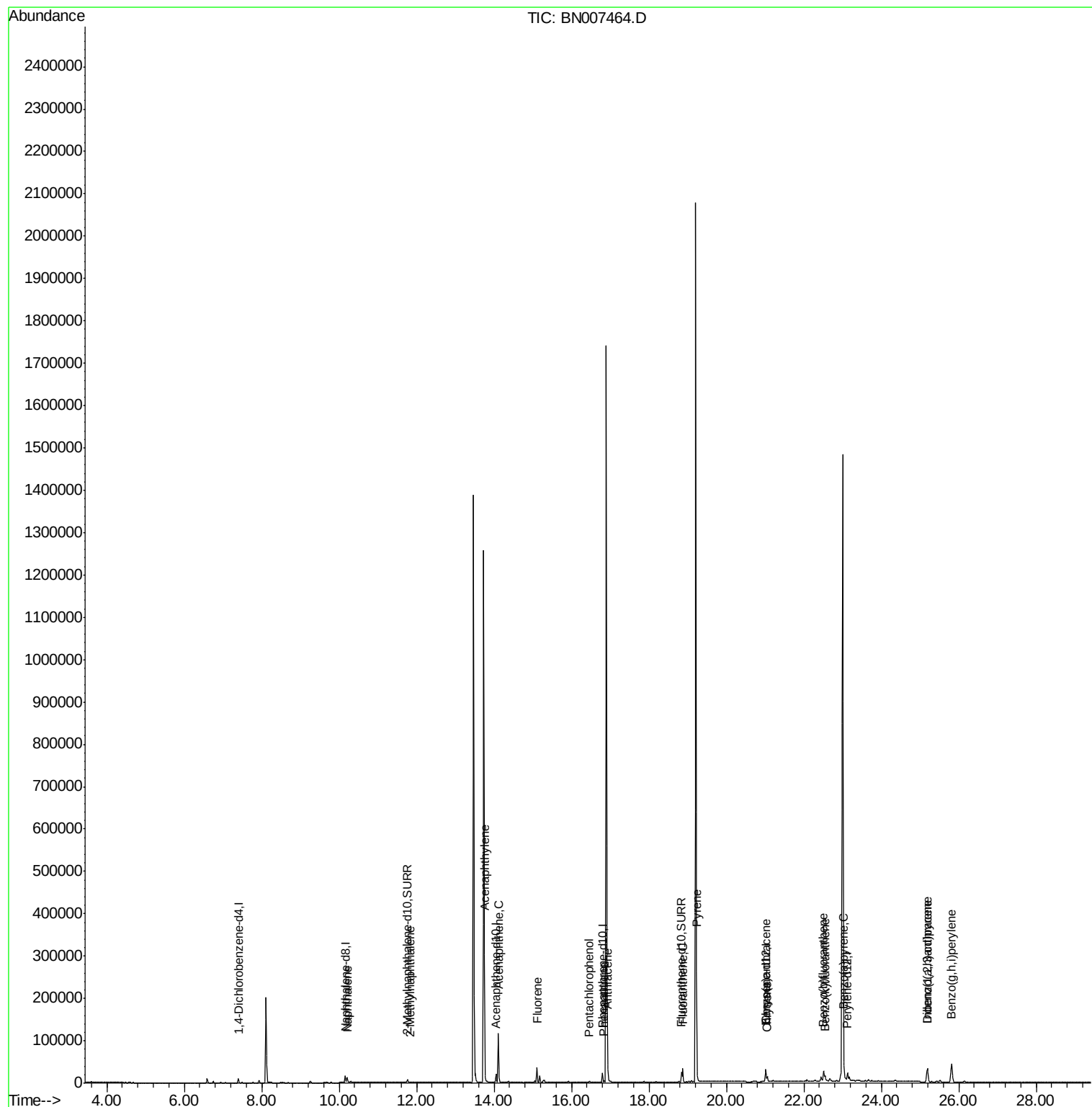
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
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ALS Vial : 37 Sample Multiplier: 1

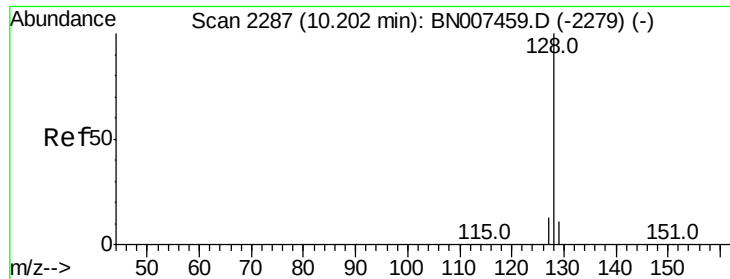
Instrument :
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#3

Naphthalene

Concen: 0.277 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Instrument :

BNA_N

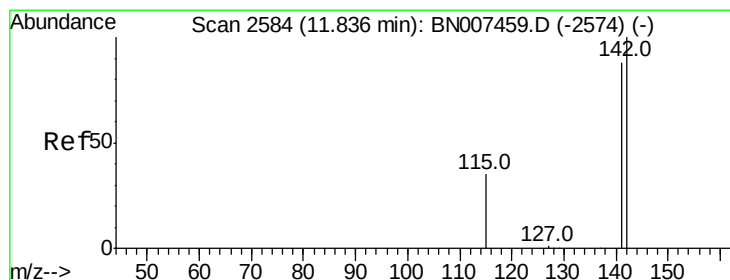
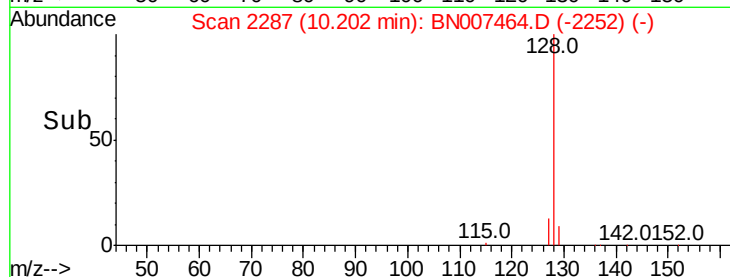
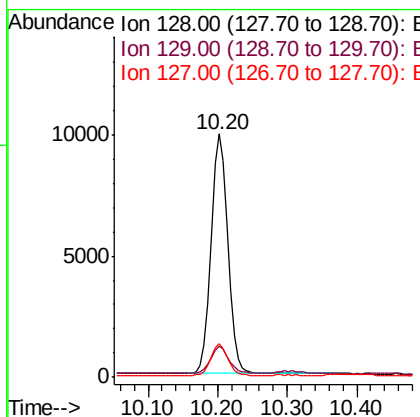
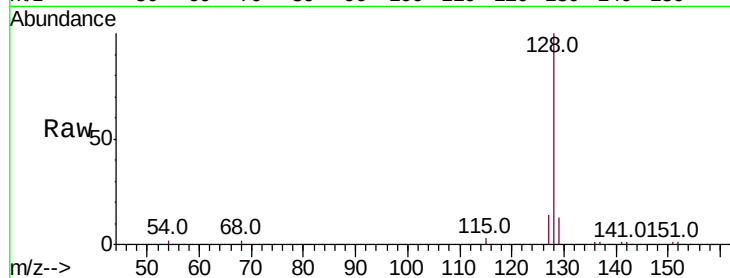
ClientSampled :

C0AB0

Tot Ion:	128	Resp:	16574
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.2	13.8
127	13.7	10.4	15.6

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#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

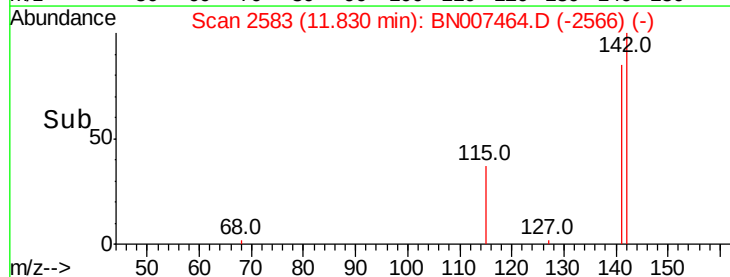
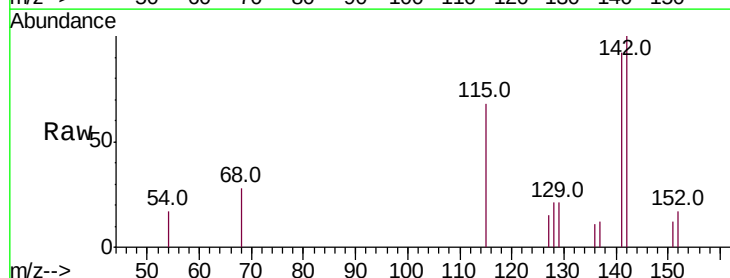
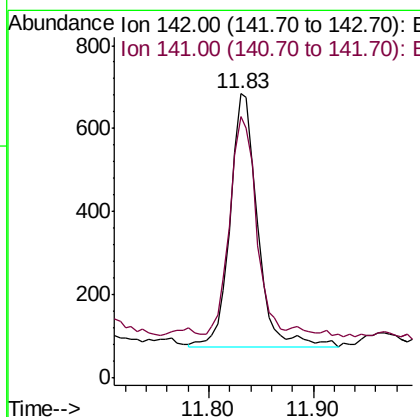
RT: 11.83 min Scan# 2583

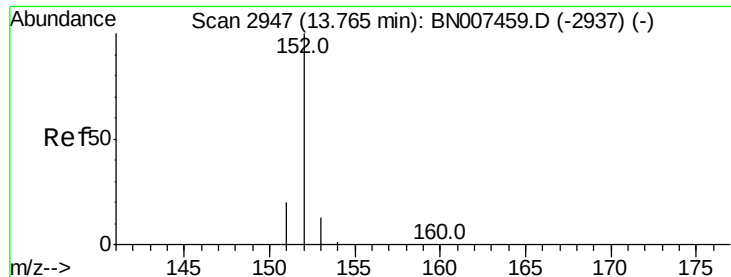
Delta R.T. -0.01 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Tgt Ion:	142	Resp:	1109
Ion	Ratio	Lower	Upper
142	100		
141	82.1	71.7	107.5





#7

Acenaphthylene

Concen: 0.189 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Instrument :

BNA_N

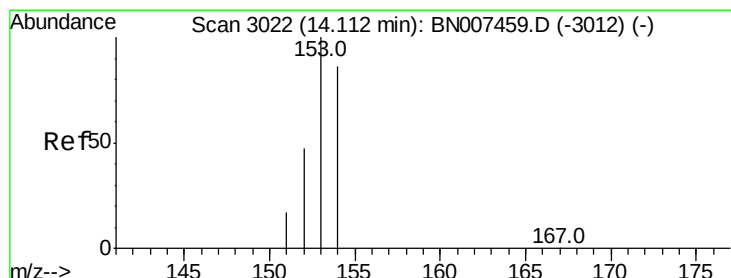
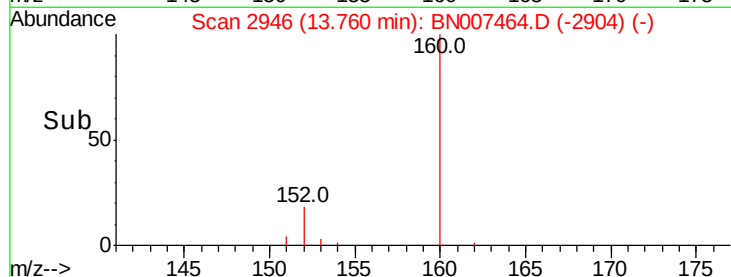
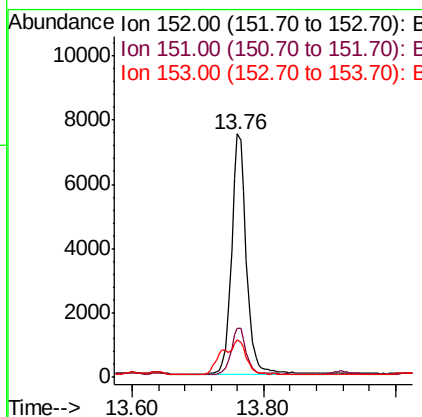
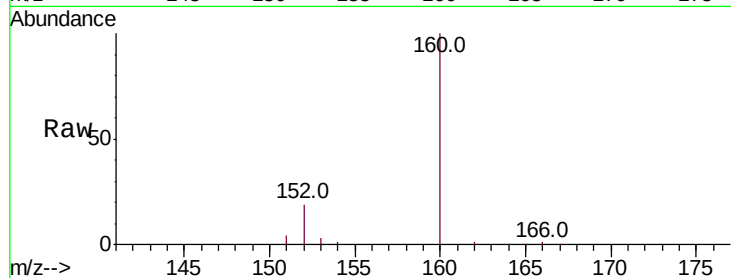
ClientSampled :

C0AB0

Tot Ion:	152	Resp:	11888
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	15.2	10.8	16.2

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#8

Acenaphthene

Concen: 1.493 ng/ul

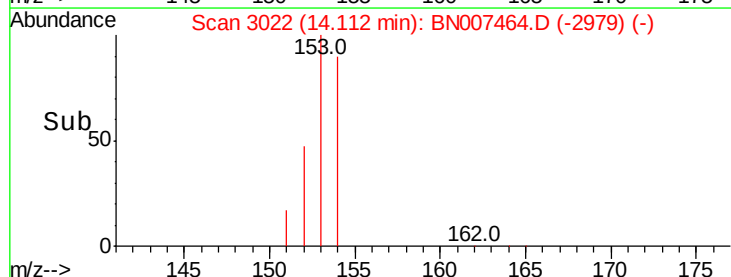
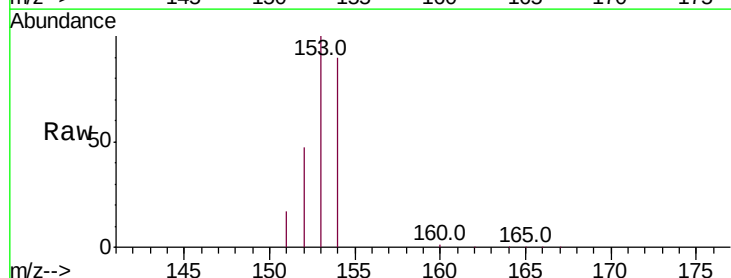
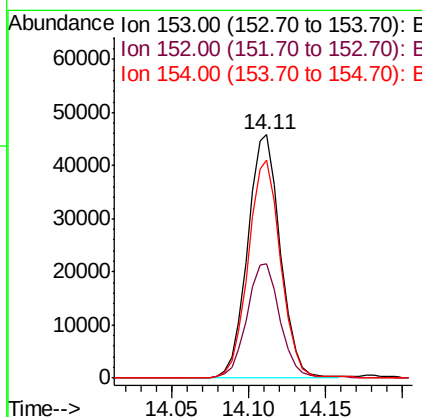
RT: 14.11 min Scan# 3022

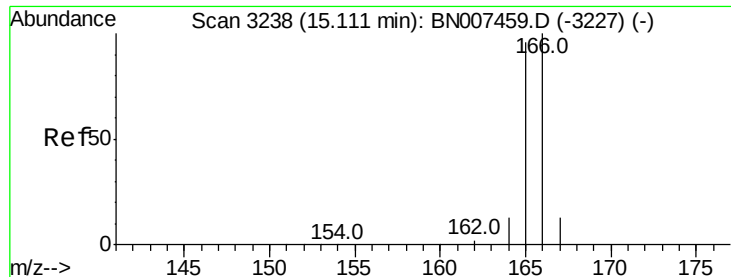
Delta R.T. -0.00 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Tgt Ion:	153	Resp:	67313
Ion Ratio	Lower	Upper	
153	100		
152	46.8	39.1	58.7
154	89.6	69.4	104.2





#9

Fluorene

Concen: 0.445 ng/ul

RT: 15.11 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Instrument :

BNA_N

ClientSampleId :

C0AB0

Tot Ion:166 Resp: 21692

Ion Ratio Lower Upper

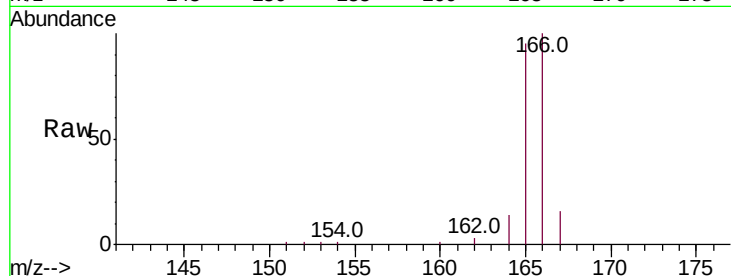
166 100

165 95.2 79.6 119.4

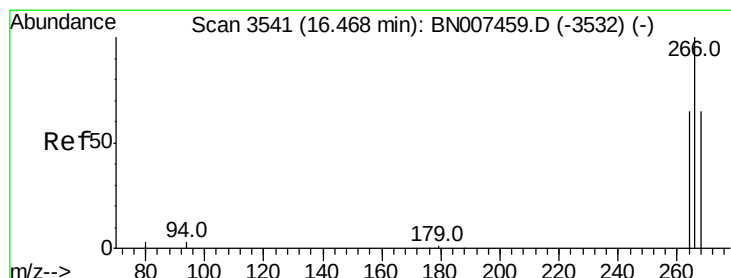
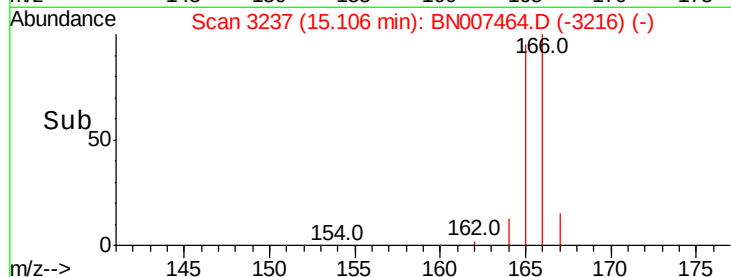
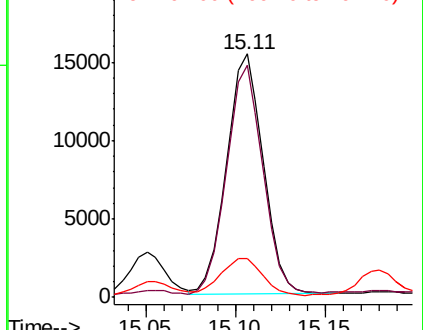
167 16.2 11.7 17.5

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.303 ng/ul m

RT: 16.46 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

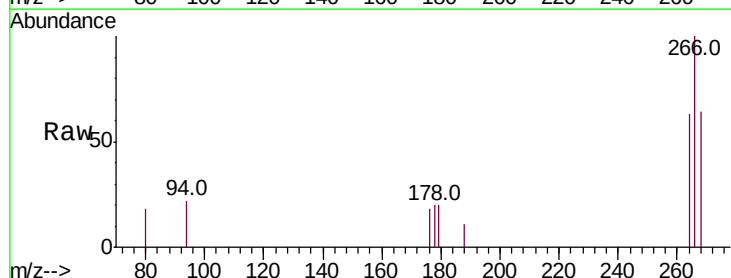
Tgt Ion:266 Resp: 1826

Ion Ratio Lower Upper

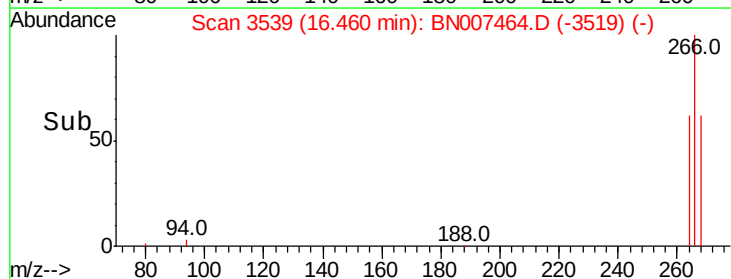
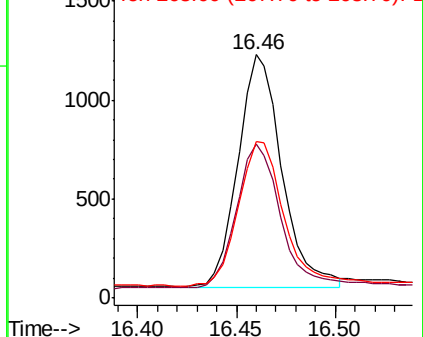
266 100

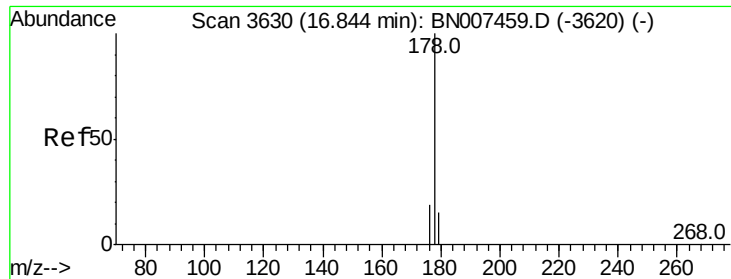
264 0.0 49.0 73.6#

268 0.0 50.2 75.2#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.059 ng/ul m

RT: 16.84 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Instrument :

BNA_N

ClientSampleId :

C0AB0

Tot Ion:178 Resp: 4937

Ion Ratio Lower Upper

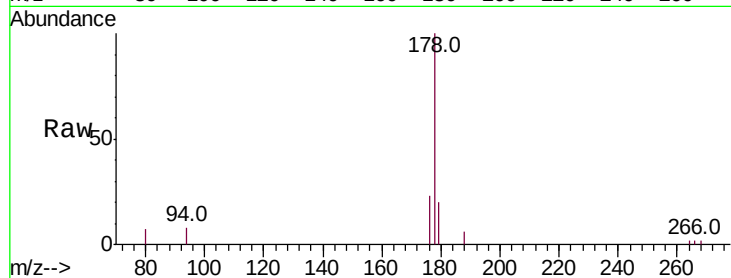
178 100

179 19.9 12.8 19.2#

176 23.4 15.2 22.8#

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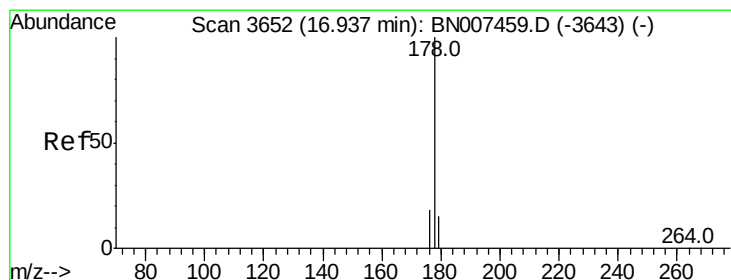
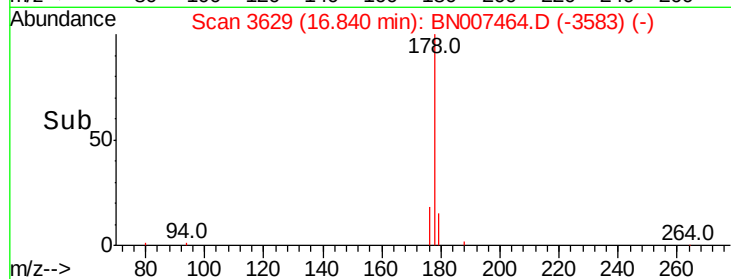
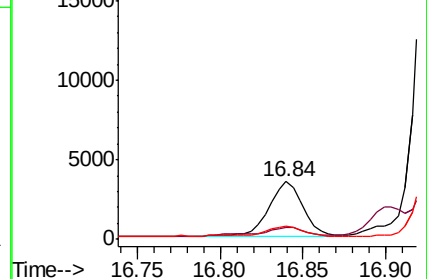
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.567 ng/ul m

RT: 16.93 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

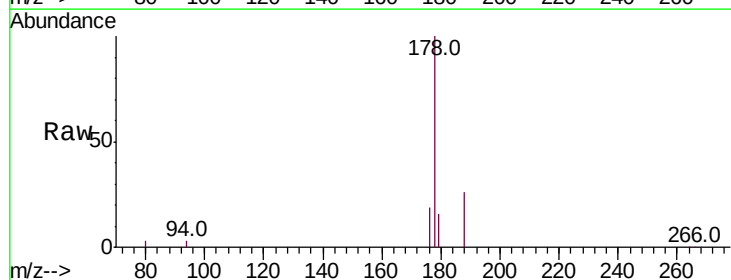
Tgt Ion:178 Resp: 44583

Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

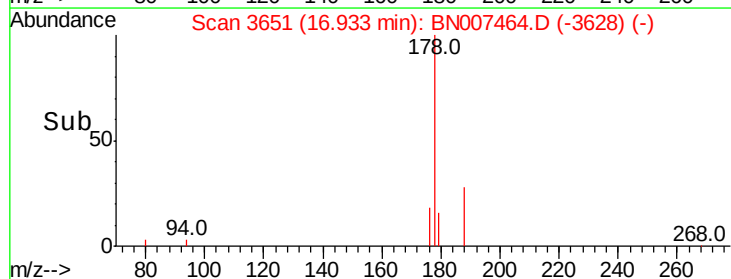
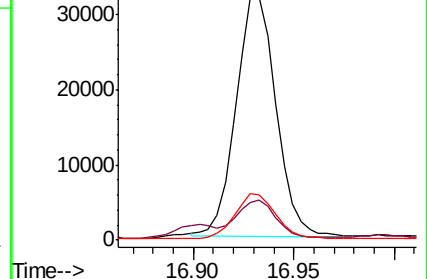
176 18.6 14.6 21.8

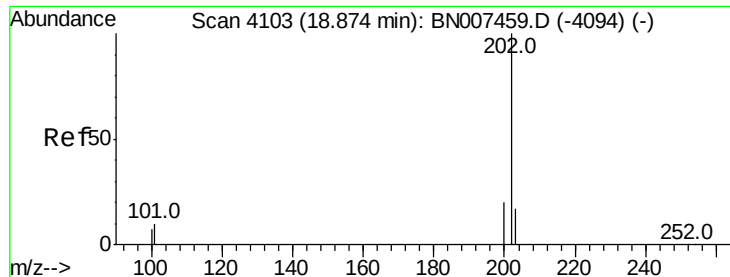


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





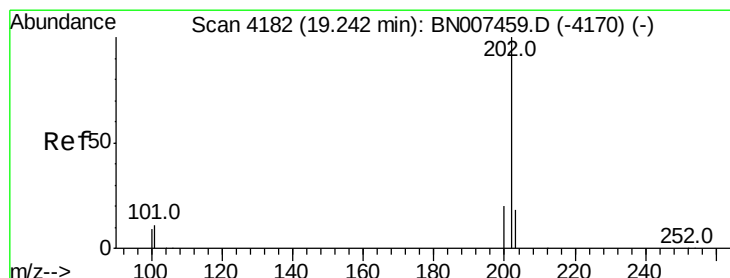
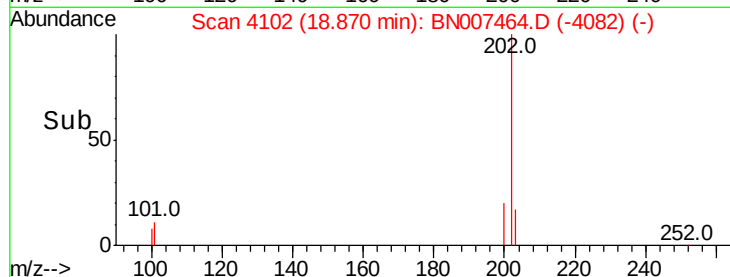
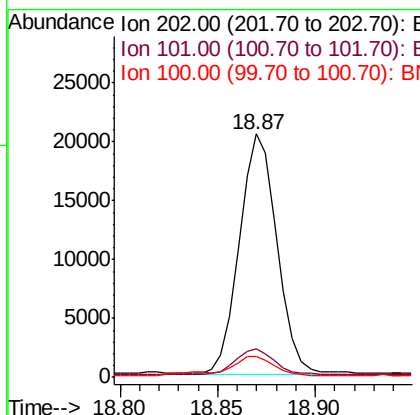
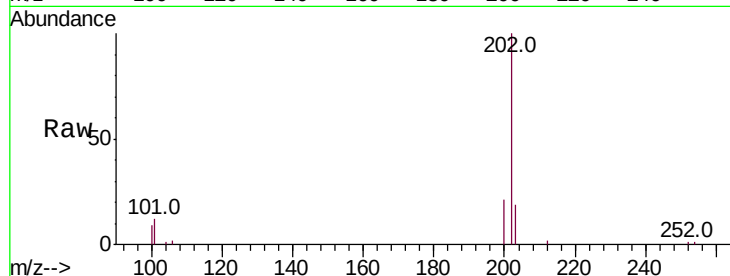
#15
Fluoranthene
Concen: 0.247 ng/ul m
RT: 18.87 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Instrument :
BNA_N
ClientSampleId :
C0AB0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	27617		
101	11.9	0.0	31.3	
100	8.6	0.0	28.5	

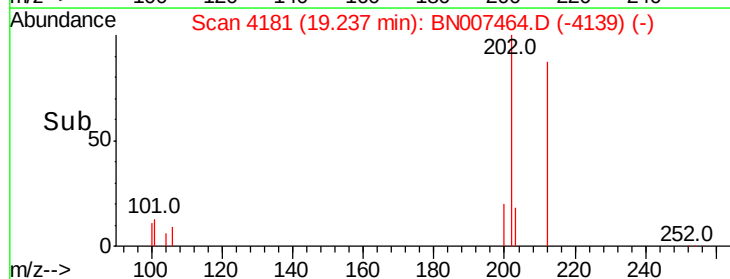
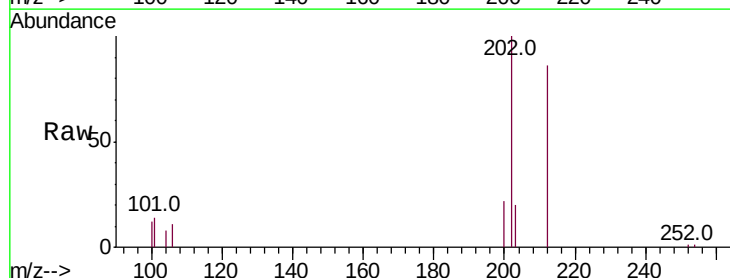
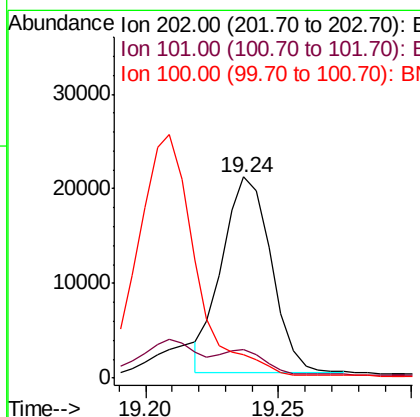
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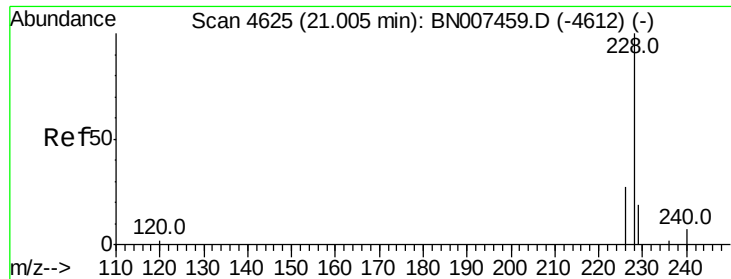
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#17
Pyrene
Concen: 0.254 ng/ul m
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	26755		
101	14.2	10.7	16.1	
100	11.8	8.6	12.8	





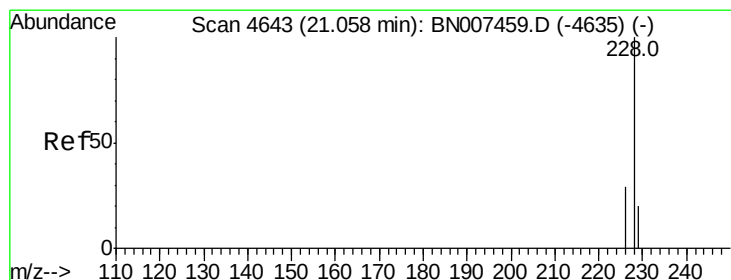
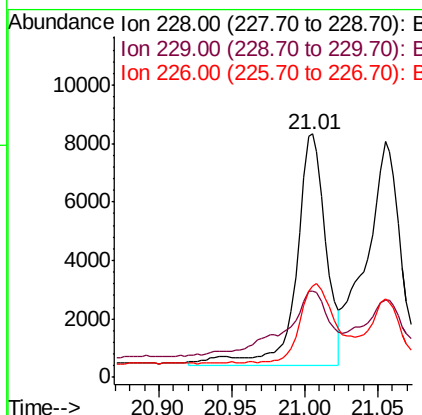
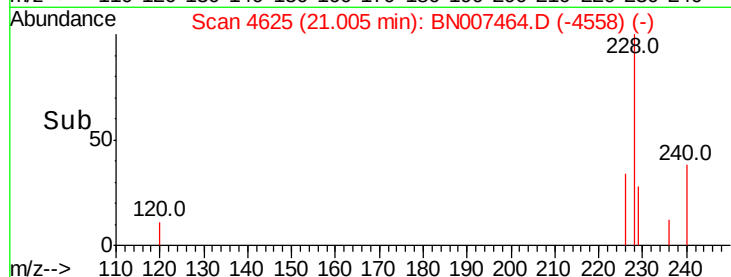
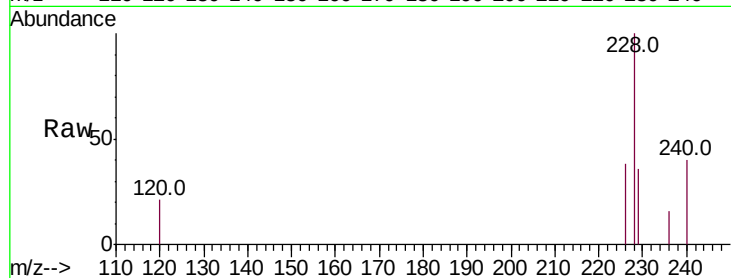
#18
Benzo(a)anthracene
Concen: 0.116 ng/ul m
RT: 21.01 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Instrument :
BNA_N
ClientSampleId :
C0AB0

Tot Ion	Ratio	Lower	Upper
228	100		
229	35.6	15.4	23.2#
226	37.7	22.0	33.0#

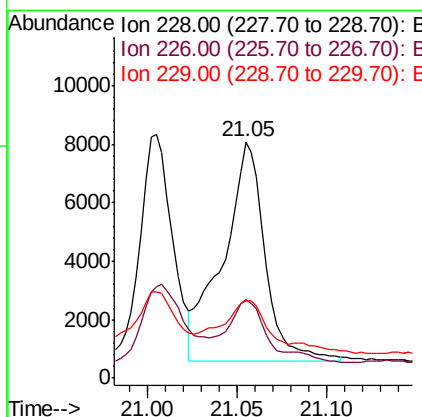
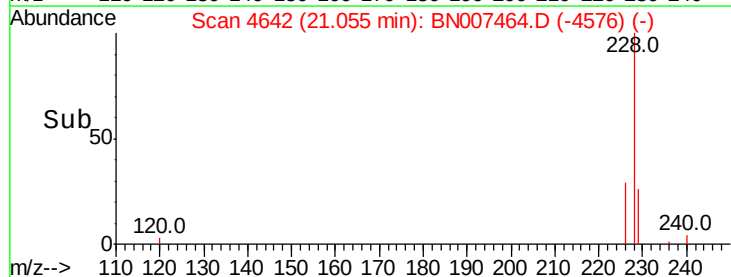
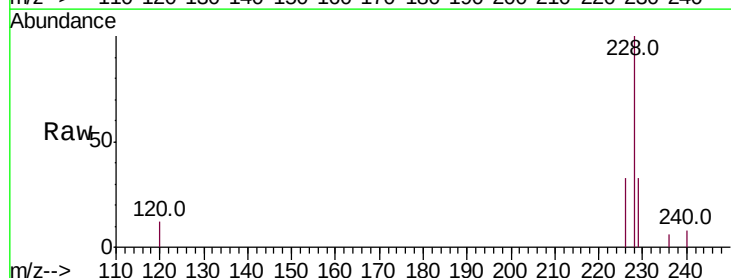
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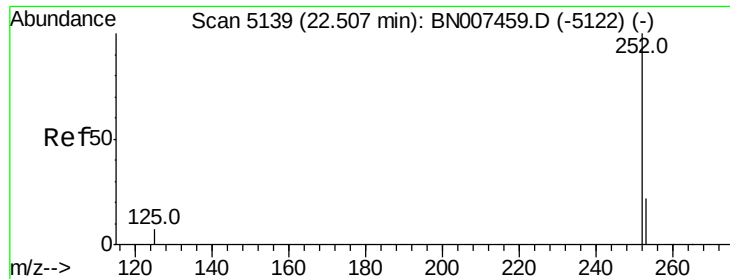
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#19
Chrysene
Concen: 0.120 ng/ul m
RT: 21.05 min Scan# 4642
Delta R.T. -0.01 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.1	36.1
229	32.8	16.1	24.1#





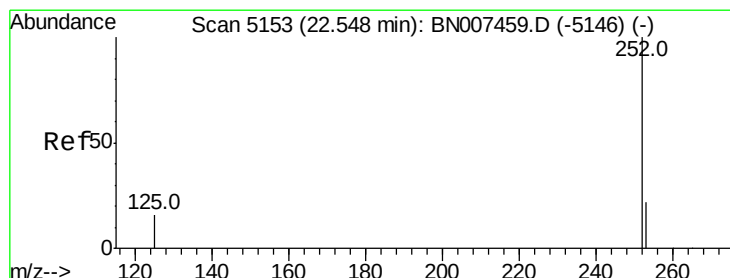
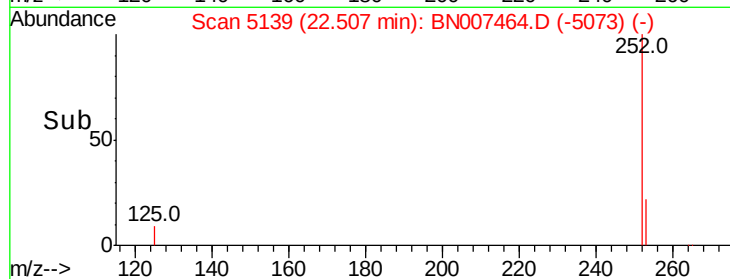
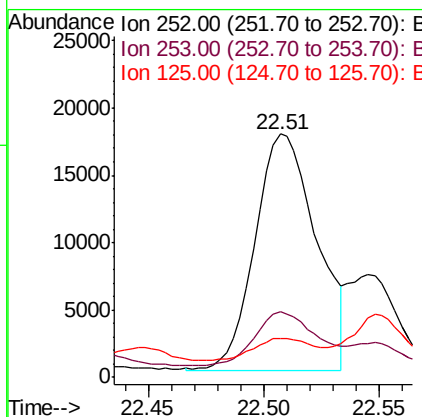
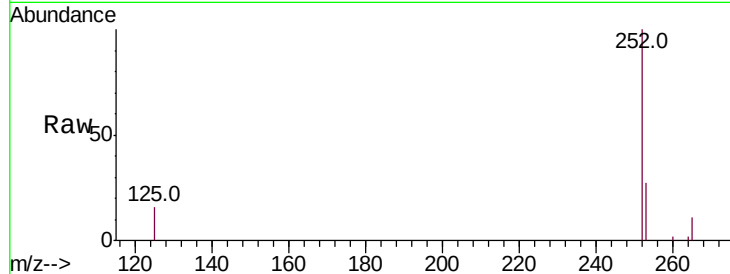
#21
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 22.51 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Instrument :
BNA_N
ClientSampleId :
C0AB0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.8	0.0	47.0
125	15.9	0.0	24.8

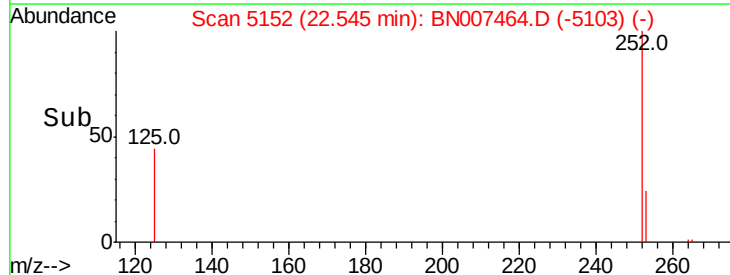
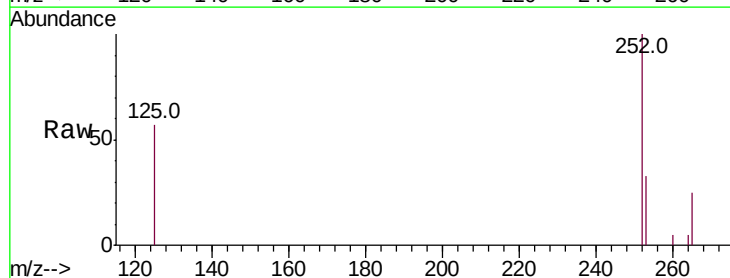
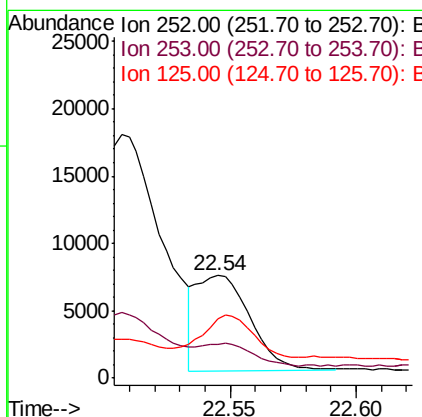
Manual Integrations
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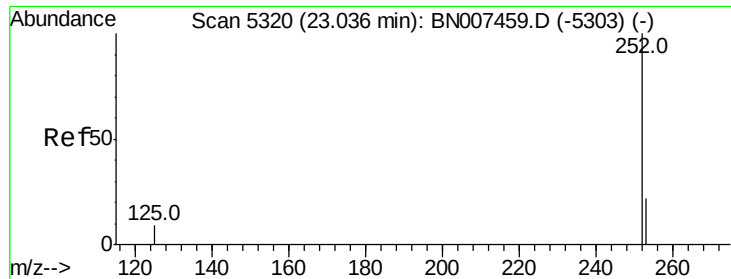
mohammad
8/29/2019 7:50:09 AM



#22
Benzo(k)fluoranthene
Concen: 0.124 ng/ul m
RT: 22.54 min Scan# 5152
Delta R.T. -0.01 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	33.5	18.7	28.1#
125	57.4	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.278 ng/ul m

RT: 23.04 min Scan# 5320

Delta R.T. -0.00 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Instrument :

BNA_N

ClientSampleId :

C0AB0

Tot Ion:252 Resp: 22848

Ion Ratio Lower Upper

252 100

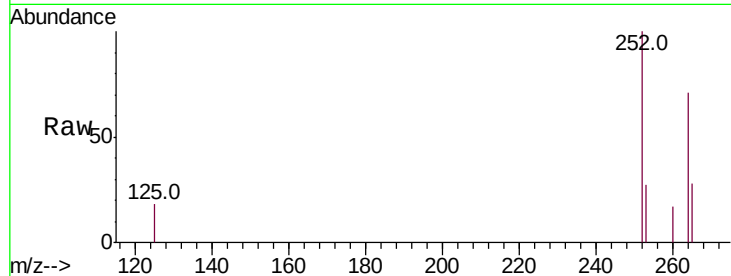
253 27.2 19.0 28.6

125 17.5 11.2 16.8#

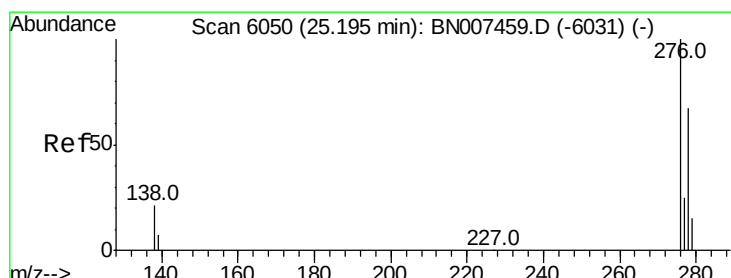
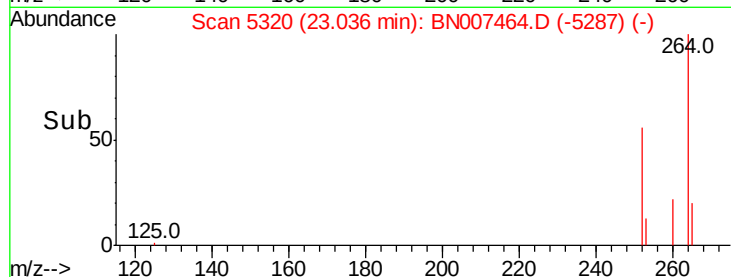
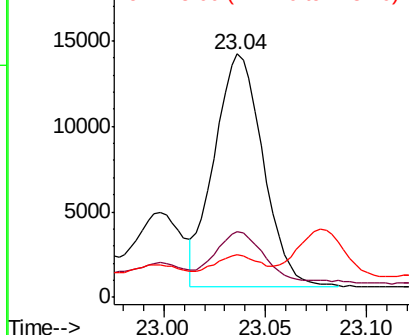
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.557 ng/ul m

RT: 25.19 min Scan# 6048

Delta R.T. -0.01 min

Lab File: BN007464.D

Acq: 28 Aug 2019 12:38

Tgt Ion:276 Resp: 51293

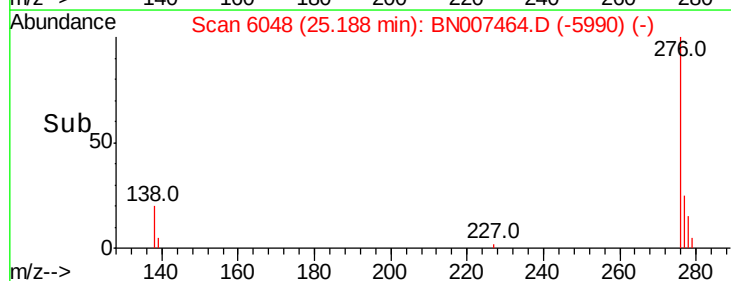
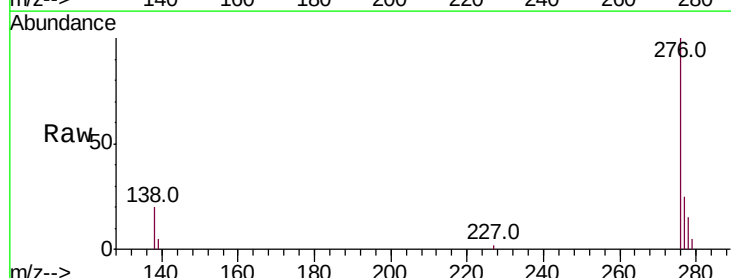
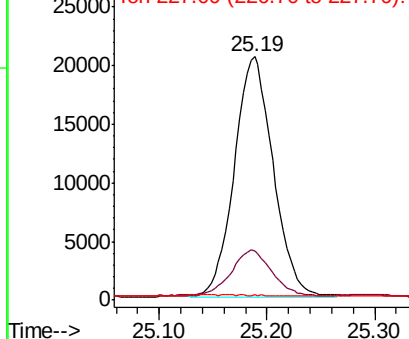
Ion Ratio Lower Upper

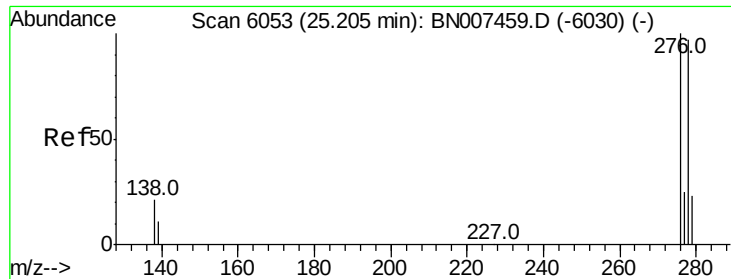
276 100

138 1.1 19.7 29.5#

227 0.1 0.1 0.1#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





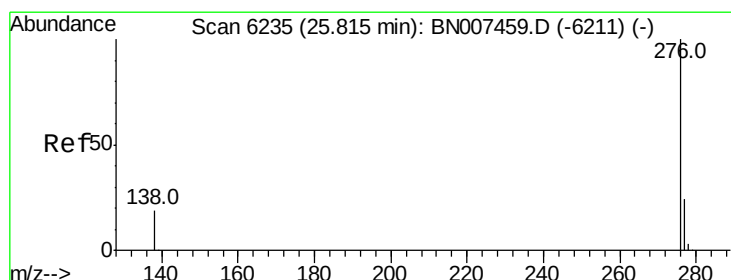
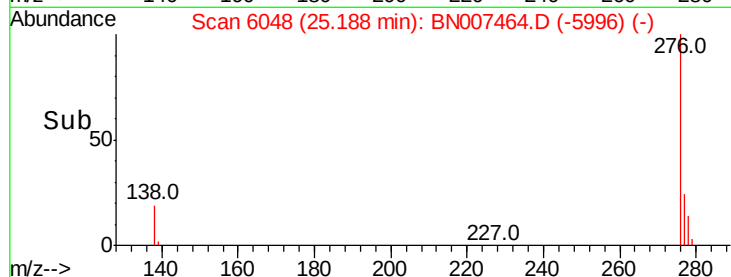
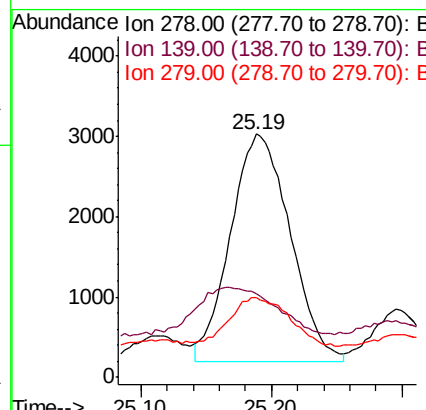
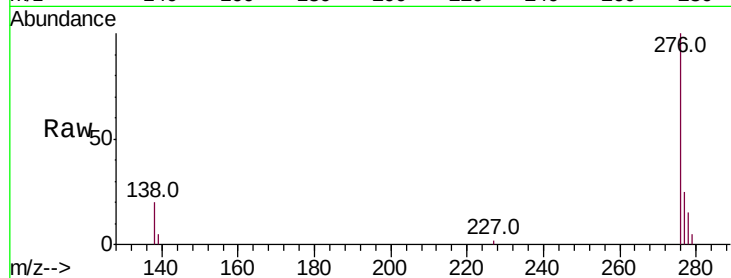
#25
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul m
RT: 25.19 min Scan# 6048
Delta R.T. -0.03 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Instrument :
BNA_N
ClientSampleId :
C0AB0

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.3	14.6	21.8#
279	32.7	19.8	29.8#

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#26
Benzo(g,h,i)perylene
Concen: 1.089 ng/ul m
RT: 25.81 min Scan# 6234
Delta R.T. -0.01 min
Lab File: BN007464.D
Acq: 28 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	17.1	25.7
277	24.0	19.4	29.0

