

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
 Data File : BN008829.D
 Acq On : 03 Dec 2019 13:32
 Operator : JU
 Sample : K5854-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

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Quant Time: Dec 03 14:40:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 11:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	18350	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	12174	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	23757m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	17742	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	13509	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	8142	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	19732	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	141724	2.562	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	97066	2.513	ng/ul	100
7) Acenaphthylene	13.93	152	43561	0.647	ng/ul	96
8) Acenaphthene	14.28	153	29203	0.585	ng/ul	99
9) Fluorene	15.27	166	39744	0.678	ng/ul#	97
12) Phenanthrene	17.00	178	448178	5.594	ng/ul	99
13) Anthracene	17.09	178	136658	1.805	ng/ul	99
15) Fluoranthene	19.03	202	867229	8.810	ng/ul	100
17) Pyrene	19.39	202	810586	11.388	ng/ul	99
18) Benzo(a)anthracene	21.15	228	373147	5.230	ng/ul	97
19) Chrysene	21.20	228	363812	5.191	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	414869m	7.448	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	167847m	3.038	ng/ul	
23) Benzo(a)pyrene	23.24	252	265982	5.087	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.47	276	153612	2.512	ng/ul	90
25) Dibenzo(a,h)anthracene	25.47	278	39199	0.794	ng/ul#	48
26) Benzo(g,h,i)perylene	26.12	276	141649	2.769	ng/ul	98

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

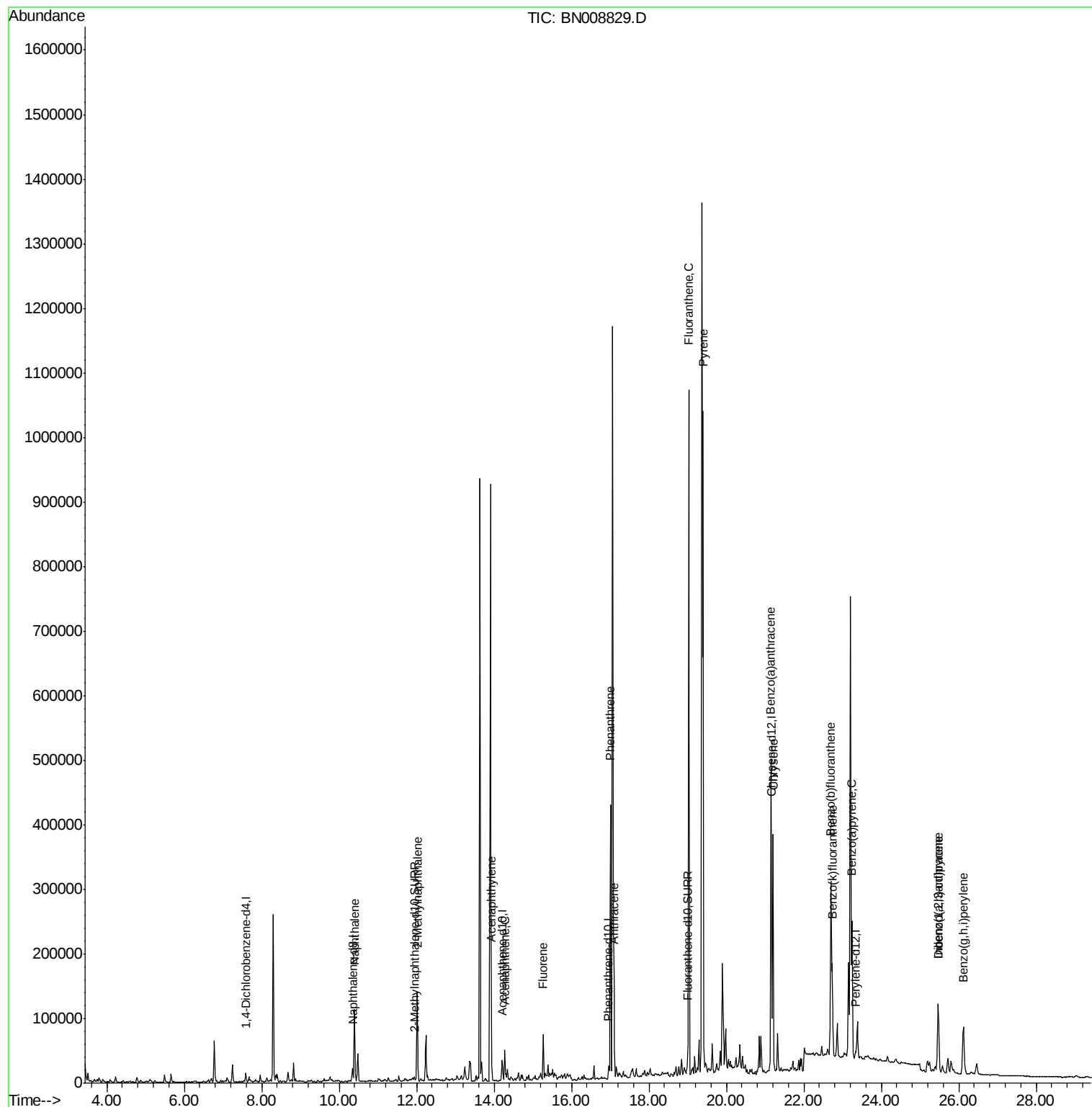
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008829.D
Acq On : 03 Dec 2019 13:32
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ALS Vial : 8 Sample Multiplier: 1

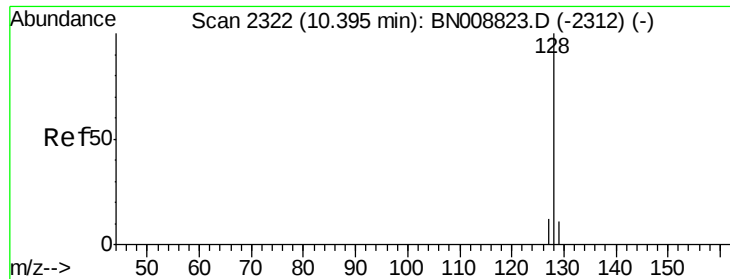
Instrument :
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ClientSampleId :
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Quant Time: Dec 03 14:40:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration





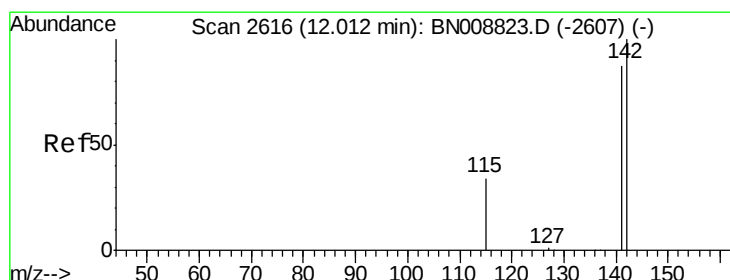
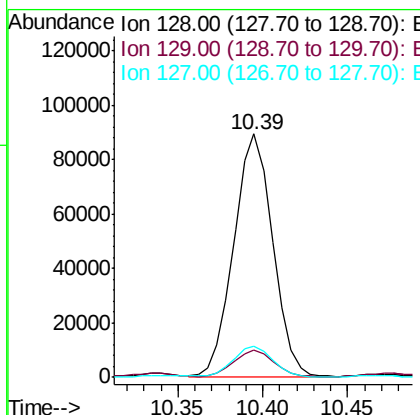
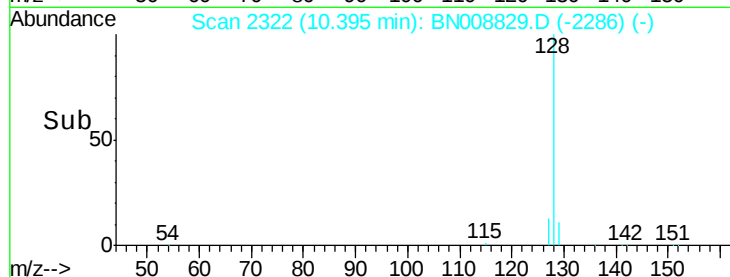
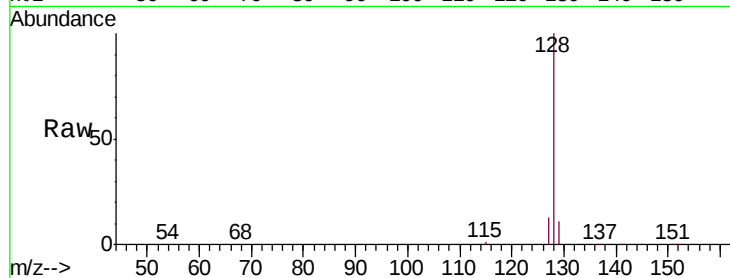
#3
Naphthalene
Concen: 2.562 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN008829.D
Acq: 03 Dec 2019 13:32

Instrument :
BNA_N
ClientSampleId :
C0AC2

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.9	10.7	16.1

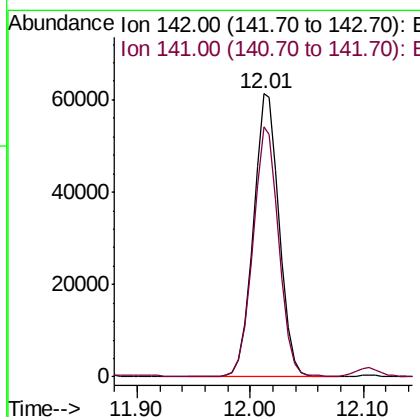
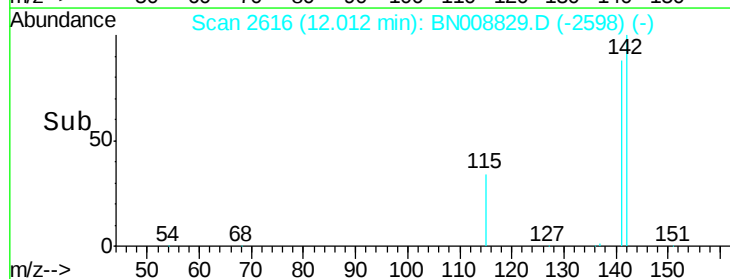
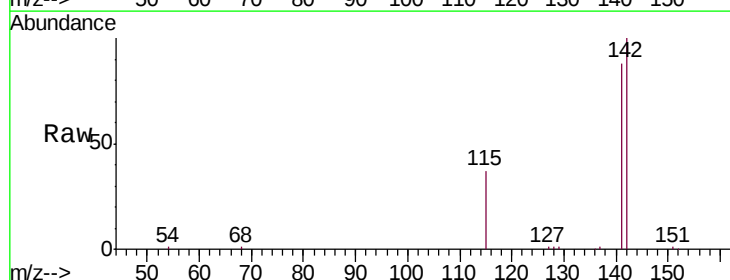
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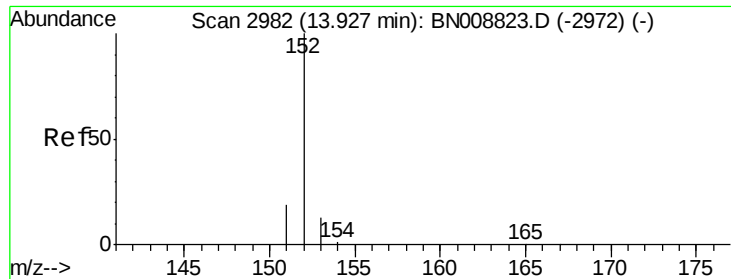
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#5
2-Methylnaphthalene
Concen: 2.513 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BN008829.D
Acq: 03 Dec 2019 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1





#7

Acenaphthylene

Concen: 0.647 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN008829.D

Acq: 03 Dec 2019 13:32

Instrument :

BNA_N

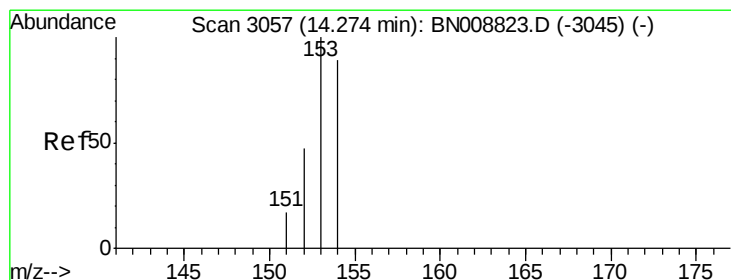
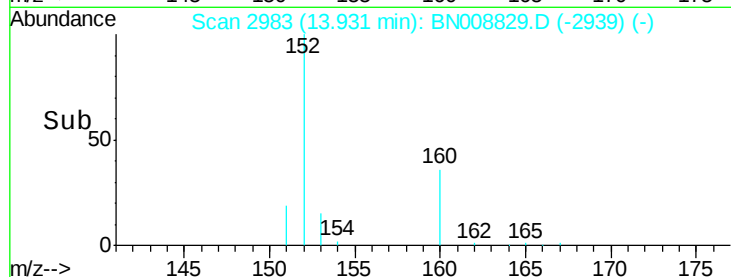
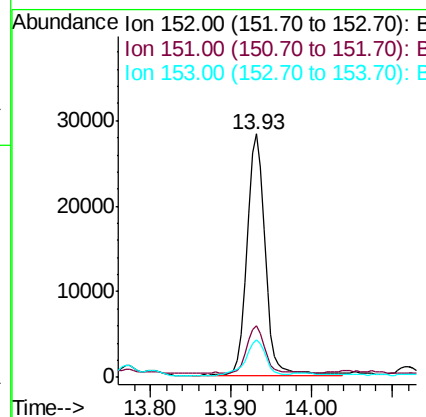
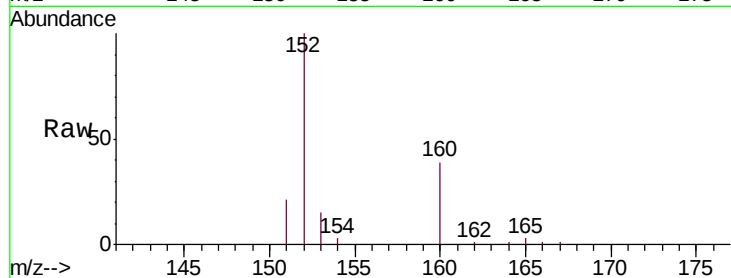
ClientSampleId :

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Tgt Ion:	152	Resp:	43561
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.8	23.6
153	15.4	10.6	15.8

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#8

Acenaphthene

Concen: 0.585 ng/ul

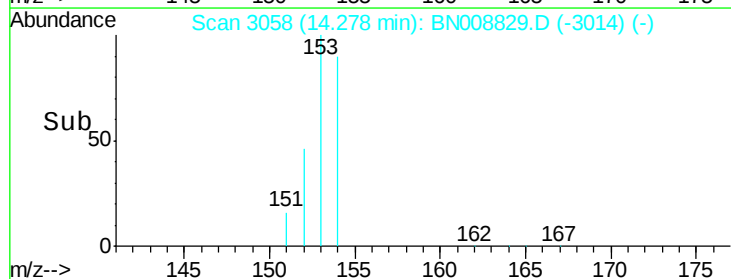
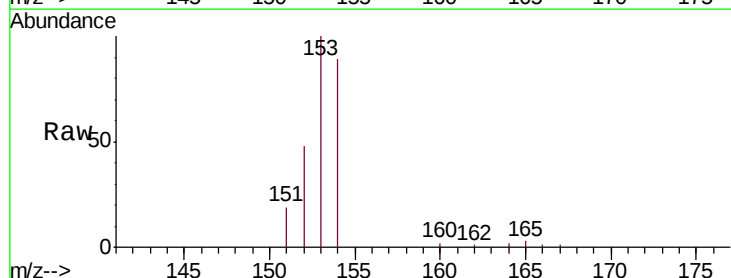
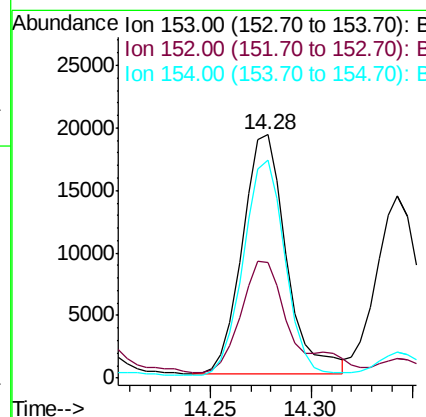
RT: 14.28 min Scan# 3058

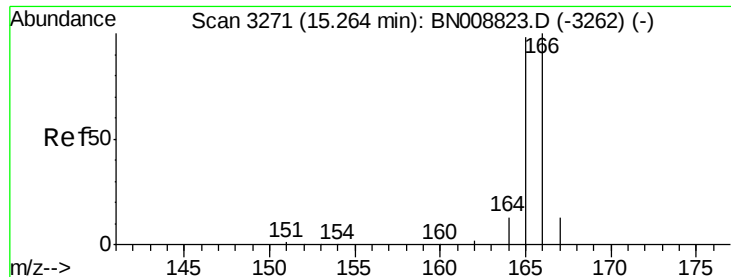
Delta R.T. 0.00 min

Lab File: BN008829.D

Acq: 03 Dec 2019 13:32

Tgt Ion:	153	Resp:	29203
Ion Ratio	Lower	Upper	
153	100		
152	47.6	38.6	58.0
154	89.4	70.6	105.8





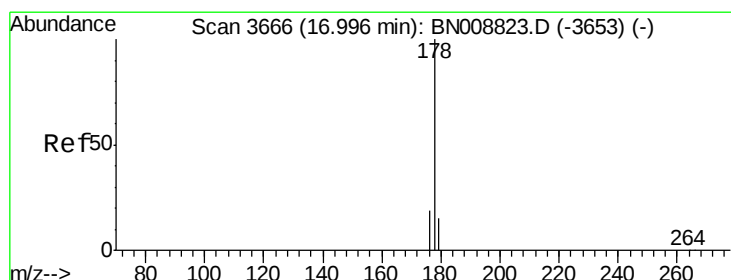
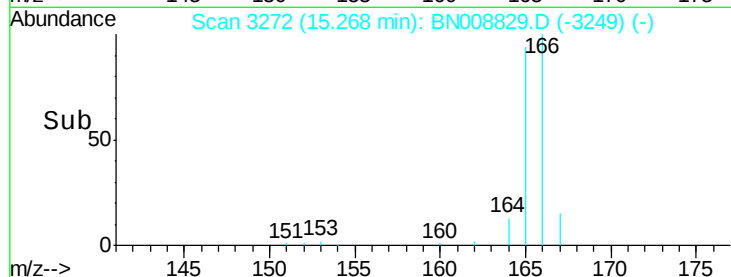
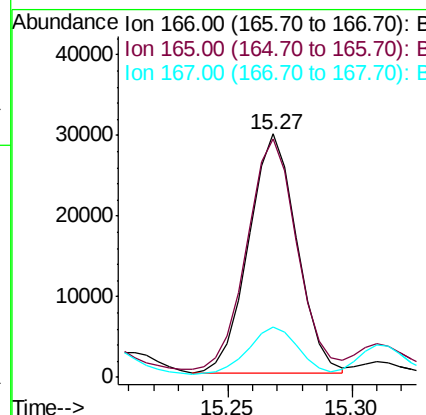
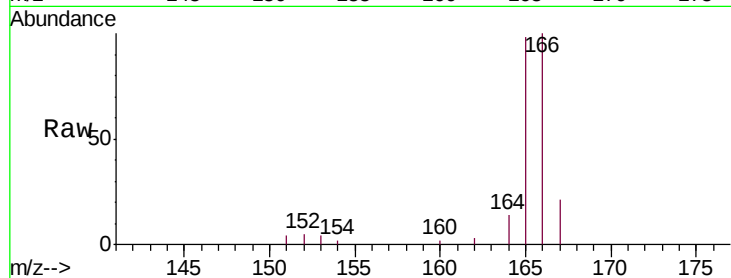
#9
Fluorene
 Concen: 0.678 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. 0.00 min
 Lab File: BN008829.D
 Acq: 03 Dec 2019 13:32

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	20.6	11.1	16.7#

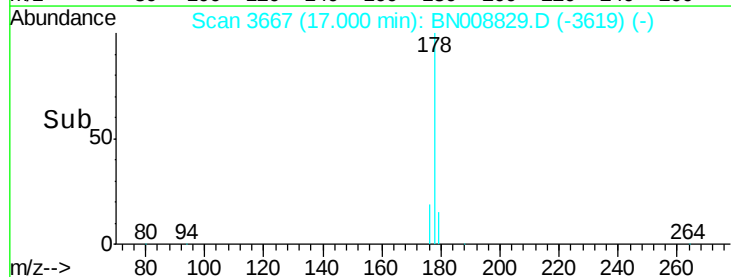
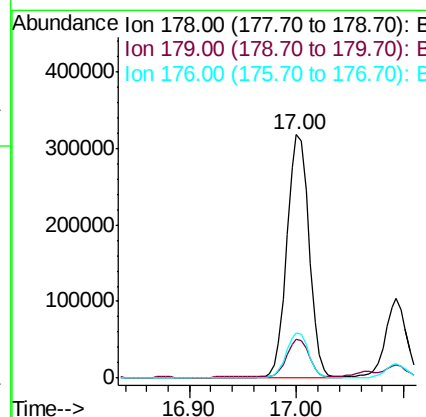
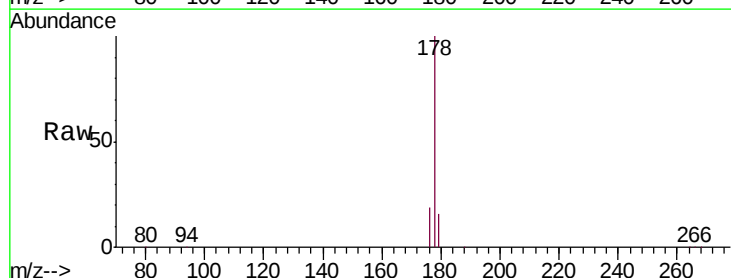
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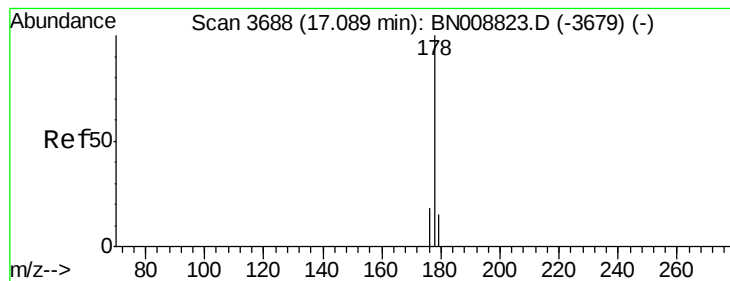
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#12
Phenanthrene
 Concen: 5.594 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. 0.00 min
 Lab File: BN008829.D
 Acq: 03 Dec 2019 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.7	15.3	22.9





#13

Anthracene

Concen: 1.805 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BN008829.D

Acq: 03 Dec 2019 13:32

Instrument :

BNA_N

ClientSampleId :

C0AC2

Tgt Ion:178 Resp: 136658

Ion Ratio Lower Upper

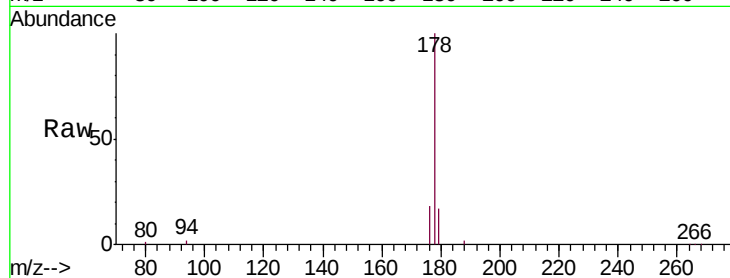
178 100

179 16.6 12.2 18.4

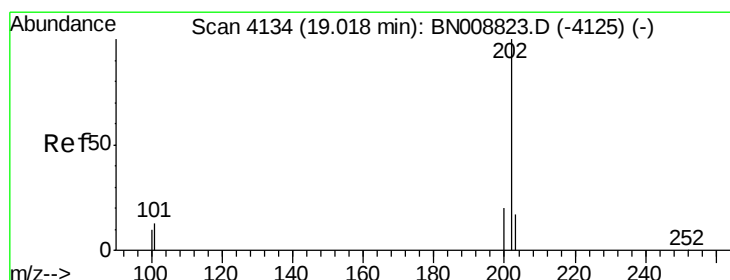
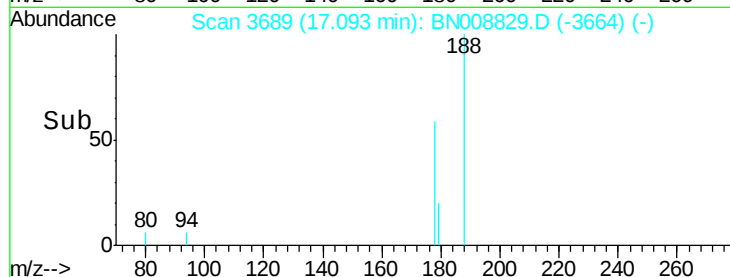
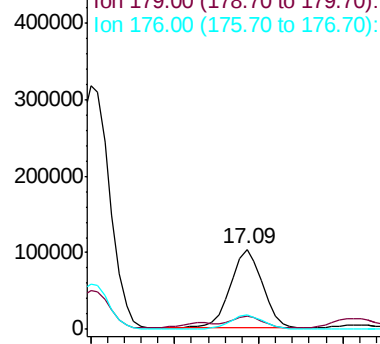
176 18.4 14.7 22.1

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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



#15

Fluoranthene

Concen: 8.810 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. 0.01 min

Lab File: BN008829.D

Acq: 03 Dec 2019 13:32

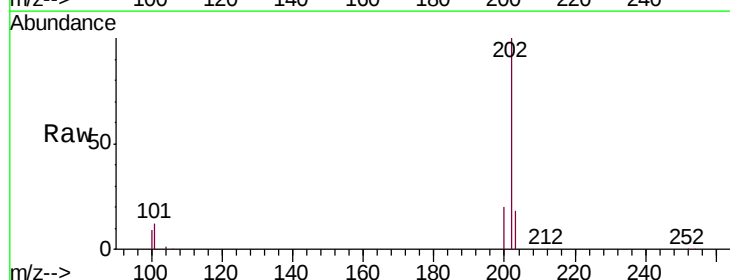
Tgt Ion:202 Resp: 867229

Ion Ratio Lower Upper

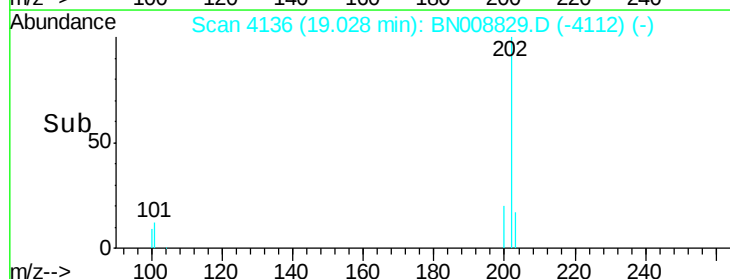
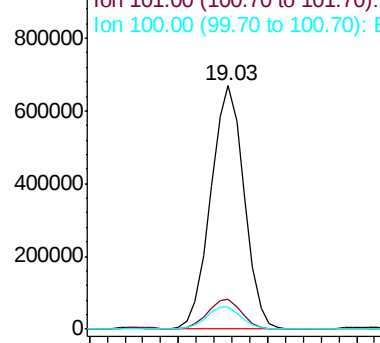
202 100

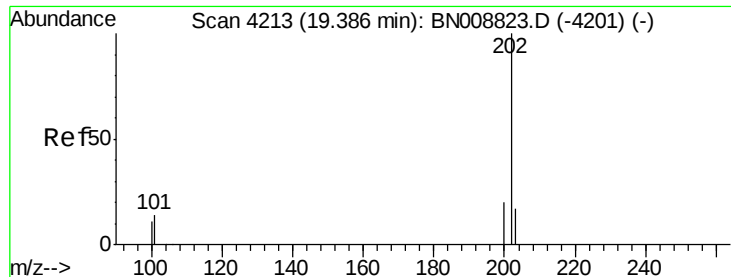
101 12.1 0.0 32.4

100 9.1 0.0 29.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





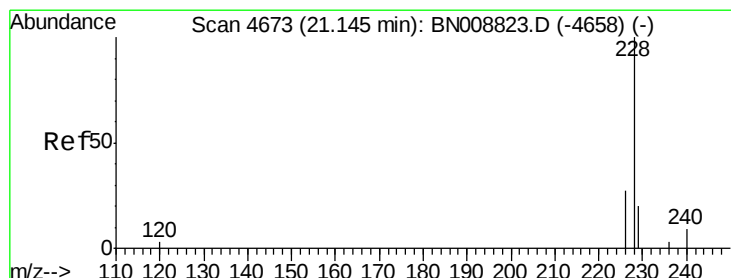
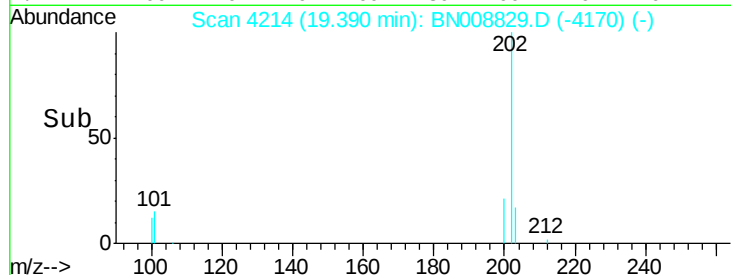
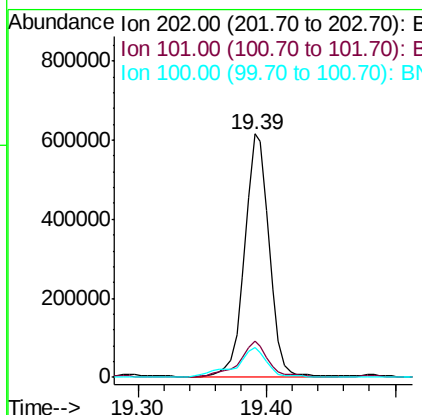
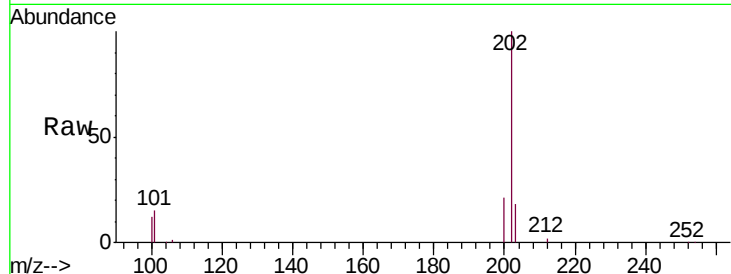
#17
 Pyrene
 Concen: 11.388 ng/ul
 RT: 19.39 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: BN008829.D
 Acq: 03 Dec 2019 13:32

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Tgt Ion:	202	Resp:	810586
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.2	18.4
100	12.1	9.5	14.3

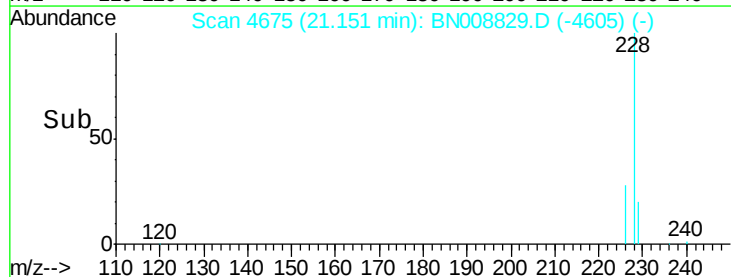
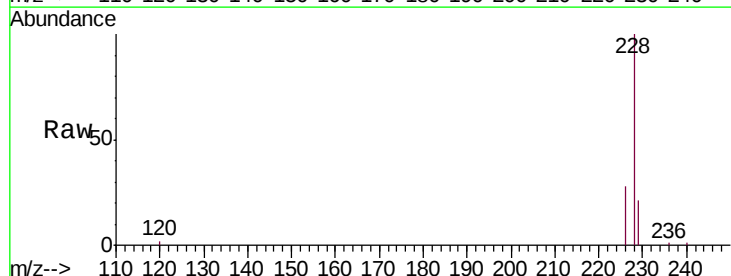
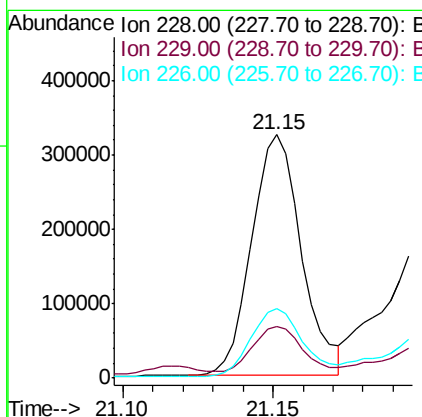
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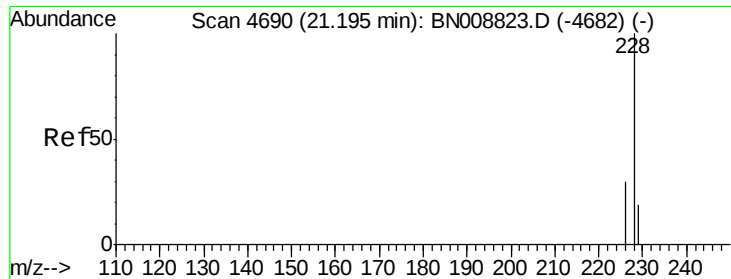
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#18
 Benzo(a)anthracene
 Concen: 5.230 ng/ul
 RT: 21.15 min Scan# 4675
 Delta R.T. 0.01 min
 Lab File: BN008829.D
 Acq: 03 Dec 2019 13:32

Tgt Ion:	228	Resp:	373147
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.7	23.5
226	28.4	21.5	32.3





#19

Chrysene

Concen: 5.191 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. 0.01 min

Lab File: BN008829.D

Acq: 03 Dec 2019 13:32

Instrument :

BNA_N

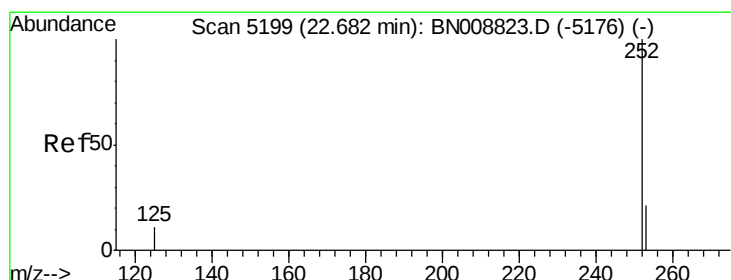
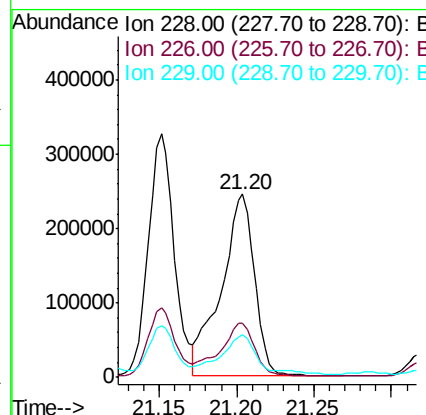
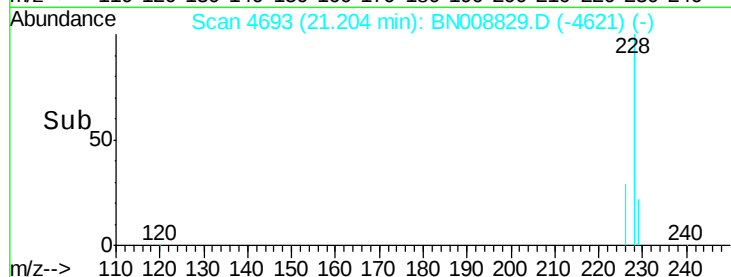
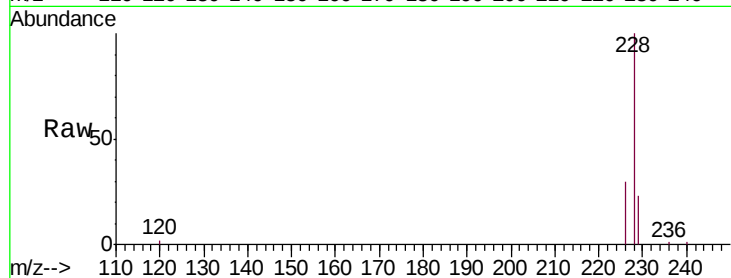
ClientSampleId :

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Tgt Ion:	228	Resp:	363812
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	23.0	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 7.448 ng/ul m

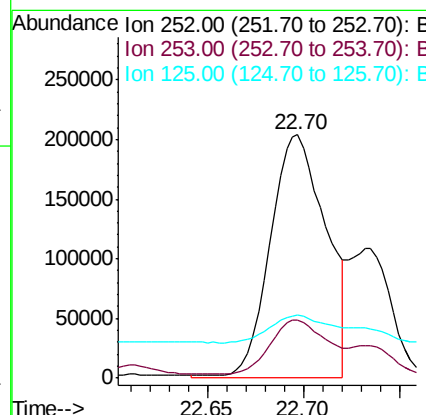
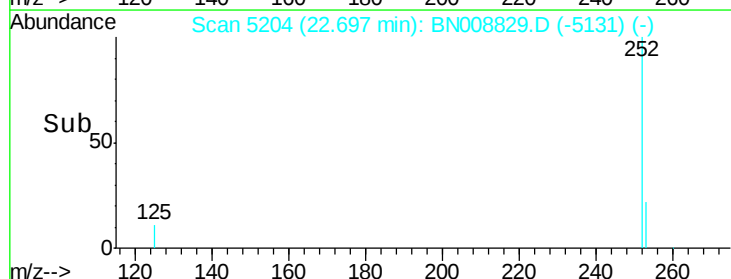
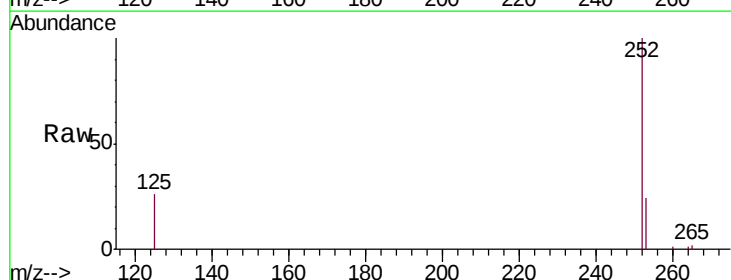
RT: 22.70 min Scan# 5204

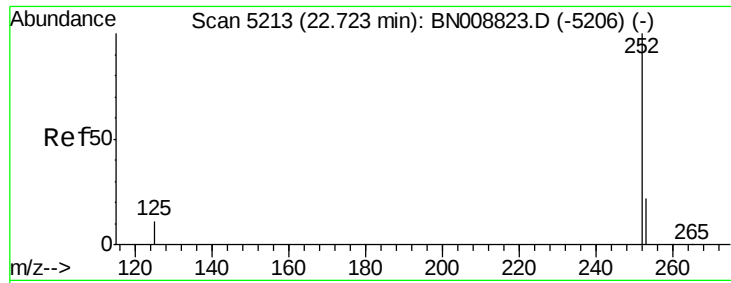
Delta R.T. 0.01 min

Lab File: BN008829.D

Acq: 03 Dec 2019 13:32

Tgt Ion:	252	Resp:	414869
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	48.6
125	25.9	0.0	31.6





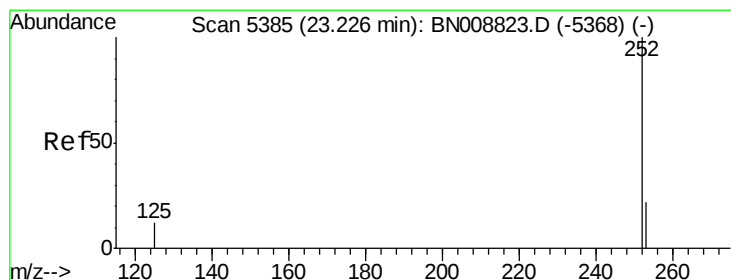
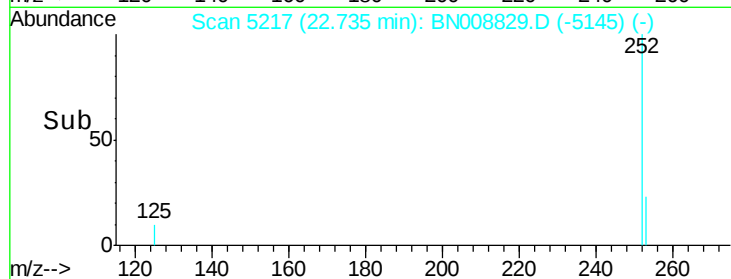
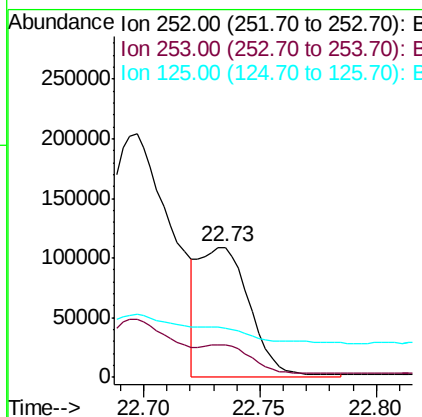
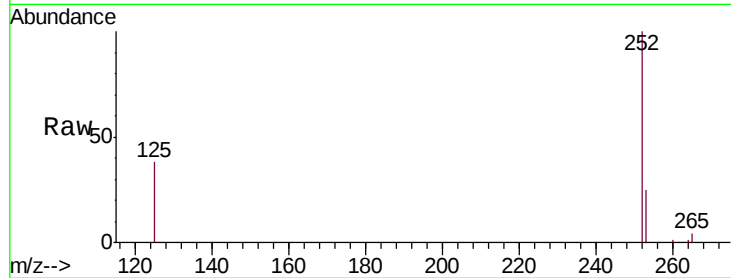
#22
Benzo(k)fluoranthene
Concen: 3.038 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.01 min
Lab File: BN008829.D
Acq: 03 Dec 2019 13:32

Instrument :
BNA_N
ClientSampled :
C0AC2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	38.0	13.8	20.6

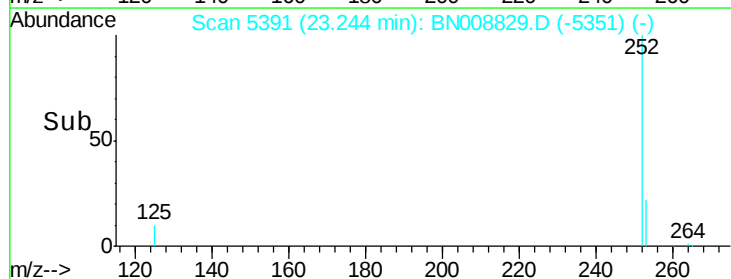
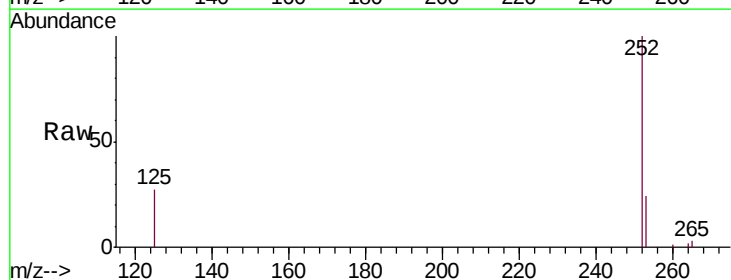
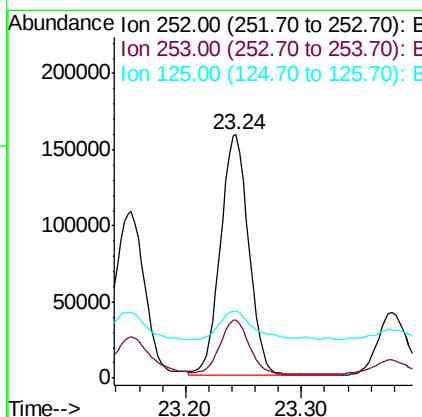
Manual Integrations
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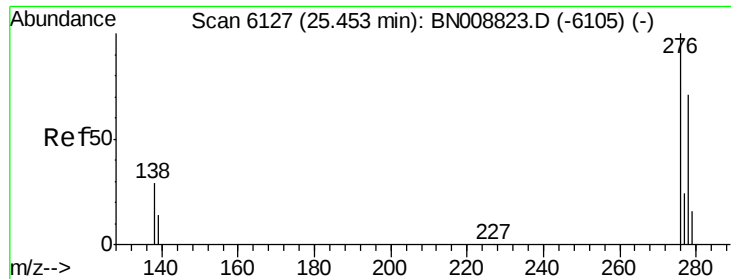
mohammad
12/3/2019 5:09:56 PM



#23
Benzo(a)pyrene
Concen: 5.087 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.02 min
Lab File: BN008829.D
Acq: 03 Dec 2019 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.9	29.9
125	27.4	14.6	22.0





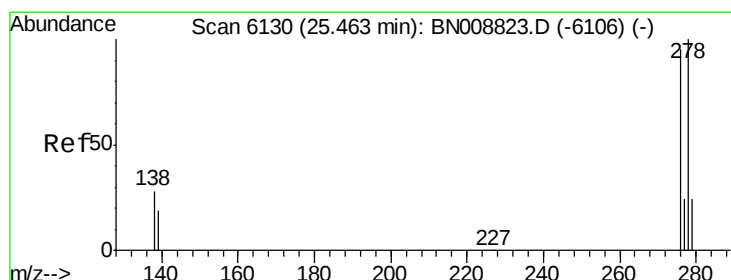
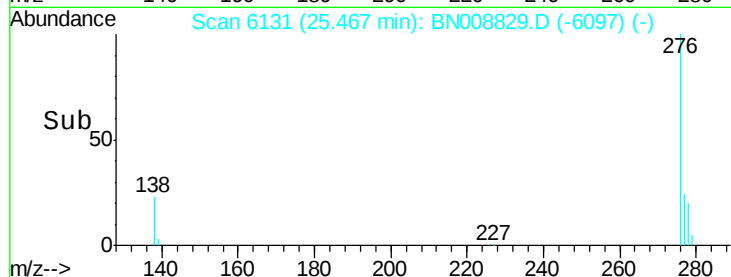
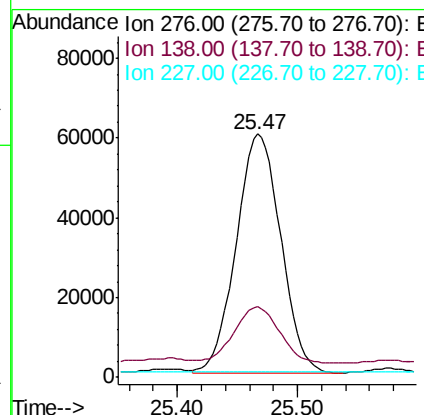
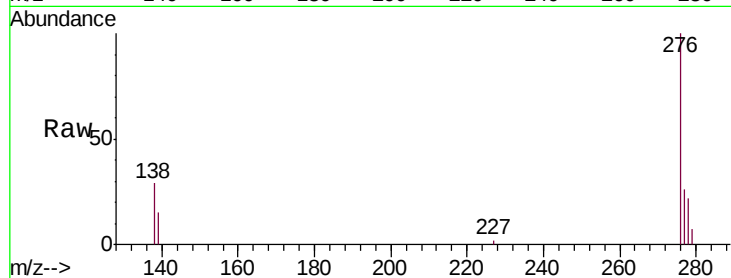
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.512 ng/ul
 RT: 25.47 min Scan# 6131
 Delta R.T. 0.01 min
 Lab File: BN008829.D
 Acq: 03 Dec 2019 13:32

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	23.8	35.6
227	0.2	0.2	0.2

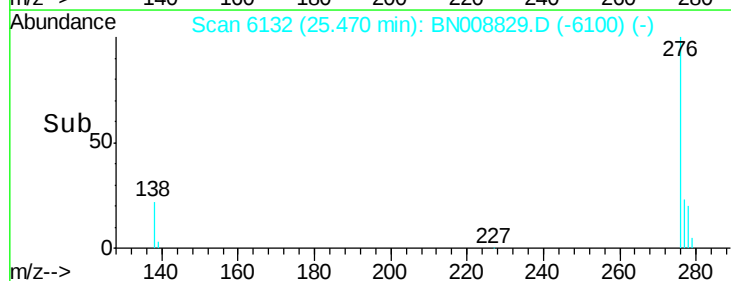
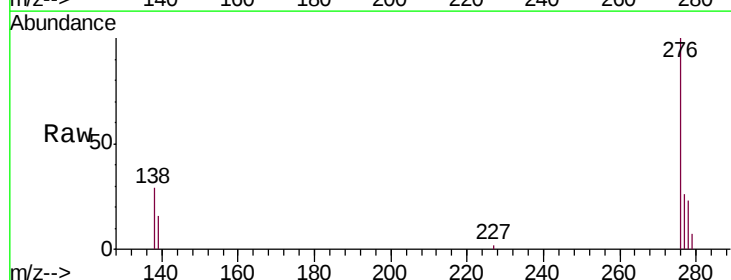
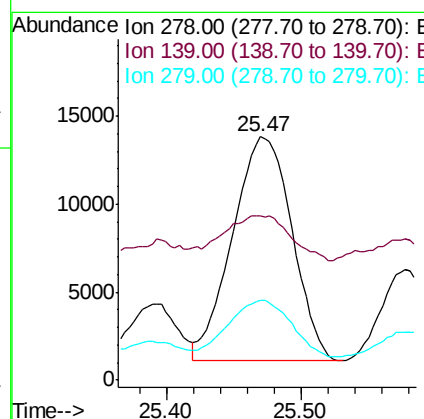
Manual Integrations
 APPROVED

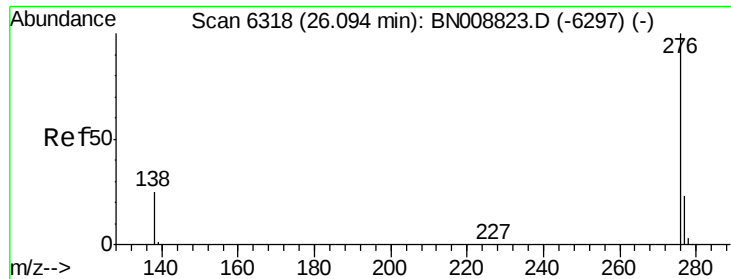
mohammad
 12/3/2019 5:09:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.794 ng/ul
 RT: 25.47 min Scan# 6132
 Delta R.T. 0.01 min
 Lab File: BN008829.D
 Acq: 03 Dec 2019 13:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	67.4	17.4	26.0#
279	32.5	20.5	30.7#





#26

Benzo(g,h,i)perylene

Concen: 2.769 ng/u1

RT: 26.12 min Scan# 6325

Delta R.T. 0.02 min

Lab File: BN008829.D

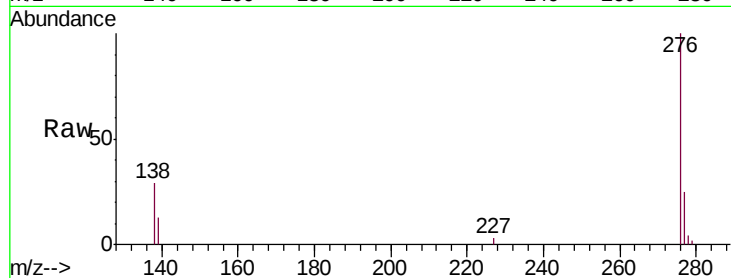
Acq: 03 Dec 2019 13:32

Instrument :

BNA_N

ClientSampleId :

C0AC2



Tgt Ion: 276 Resp: 141649

Ion Ratio Lower Upper

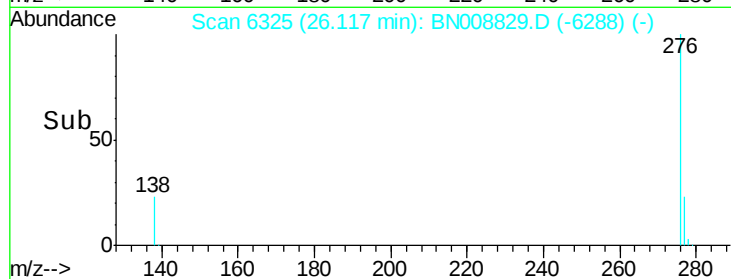
276 100

138 29.4 21.9 32.9

277 25.3 19.9 29.9

Manual Integrations
APPROVED

mohammad
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

