

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008367.D
 Acq On : 24 Oct 2019 01:42
 Operator : JU
 Sample : K5235-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB3

Manual Integrations
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Quant Time: Oct 24 02:32:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1661	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8144	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5255	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11849	0.40	ng/ul	-0.01
16) Chrysene-d12	21.16	240	11188	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	9330	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2117	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6549	0.16	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	575	0.025	ng/ul#	68
5) 2-Methylnaphthalene	12.02	142	349	0.022	ng/ul	97
7) Acenaphthylene	13.93	152	1974	0.079	ng/ul#	91
8) Acenaphthene	14.27	153	559	0.029	ng/ul	94
9) Fluorene	15.27	166	725	0.033	ng/ul#	94
12) Phenanthrene	17.00	178	18950	0.546	ng/ul	100
13) Anthracene	17.09	178	3590	0.118	ng/ul	96
15) Fluoranthene	19.03	202	45918	1.002	ng/ul	97
17) Pyrene	19.39	202	47772	1.072	ng/ul	97
18) Benzo(a)anthracene	21.15	228	25826	0.635	ng/ul	97
19) Chrysene	21.20	228	29116	0.583	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	29203m	0.962	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	10281m	0.299	ng/ul	
23) Benzo(a)pyrene	23.24	252	20930	0.655	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	12105	0.322	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	2836	0.095	ng/ul#	80
26) Benzo(g,h,i)perylene	26.14	276	11839	0.343	ng/ul	97

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

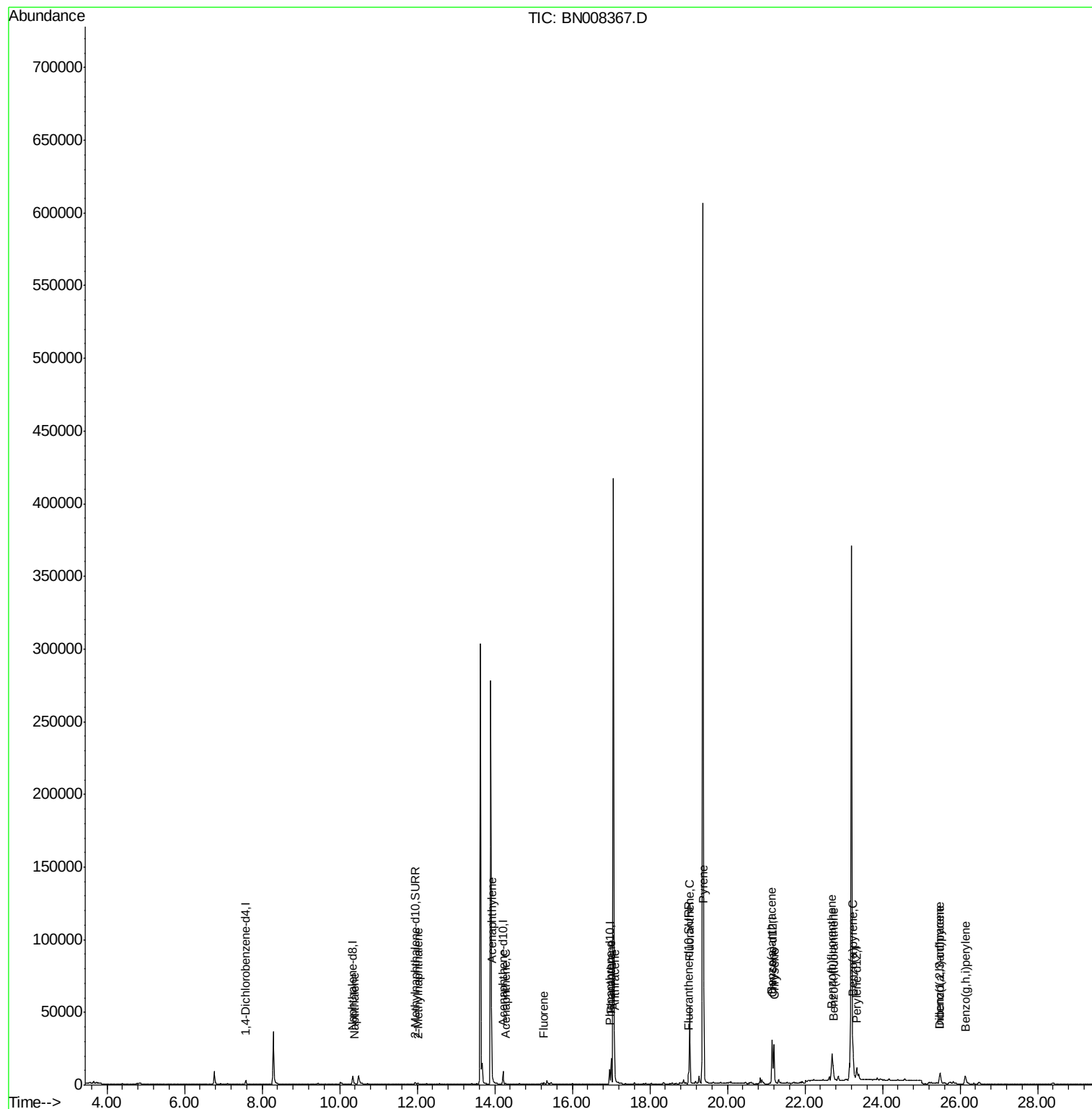
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
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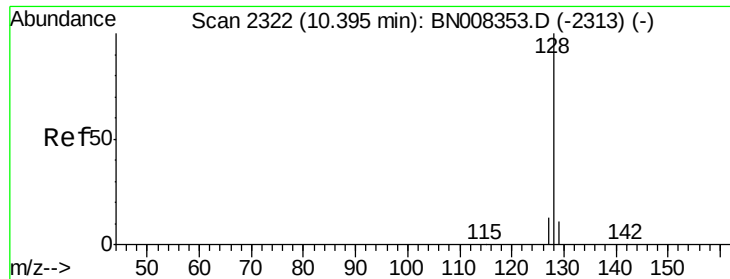
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Instrument :

BNA_N

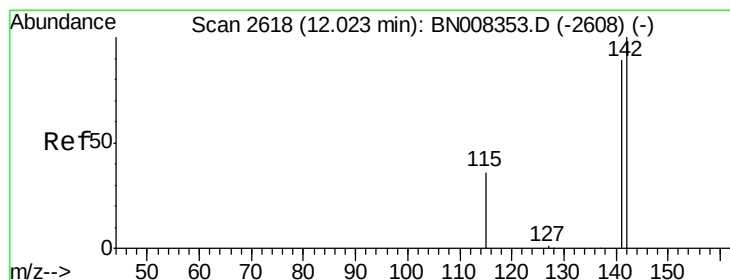
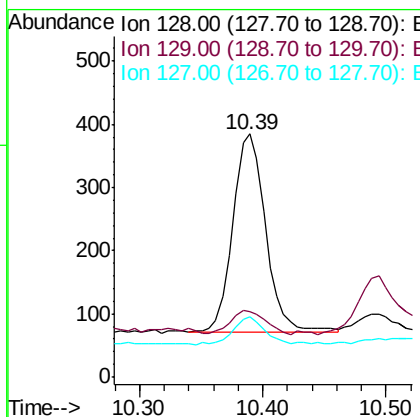
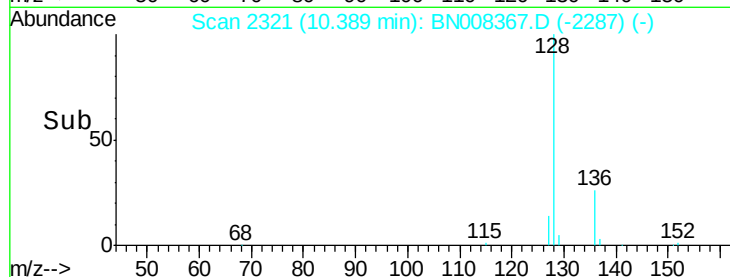
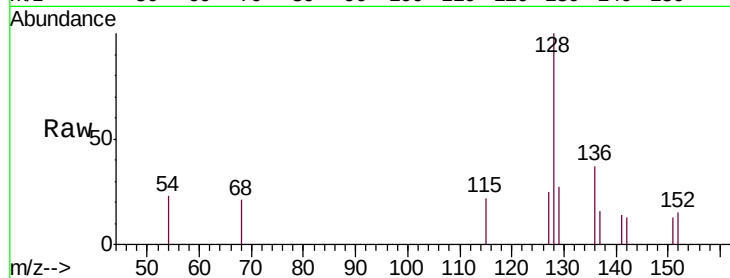
ClientSampleId :

BEPB3

Tgt Ion:	128	Resp:	575
Ion Ratio	Lower	Upper	
128	100		
129	27.0	9.8	14.8#
127	24.9	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

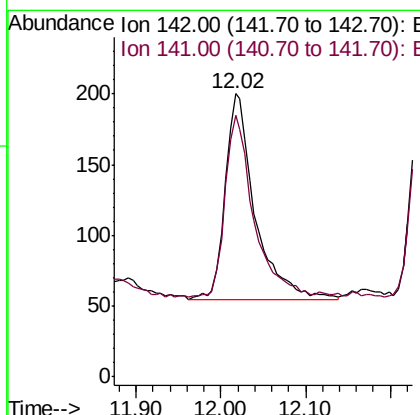
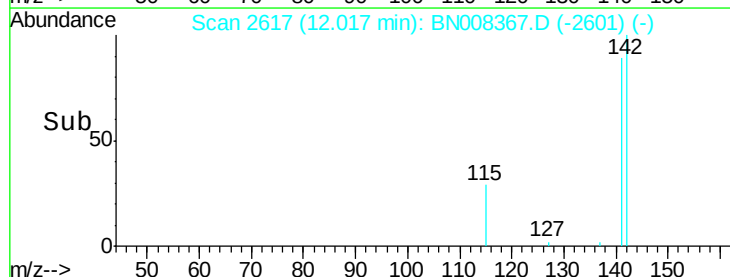
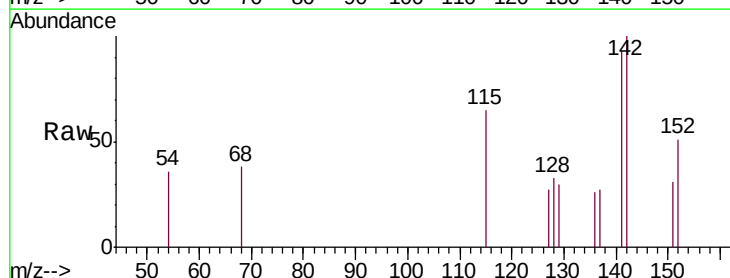
RT: 12.02 min Scan# 2617

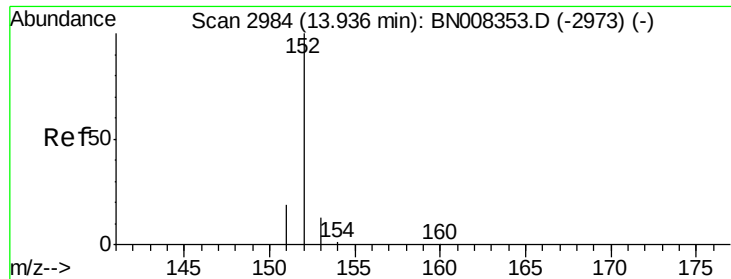
Delta R.T. -0.01 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Tgt Ion:	142	Resp:	349
Ion Ratio	Lower	Upper	
142	100		
141	86.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Instrument :

BNA_N

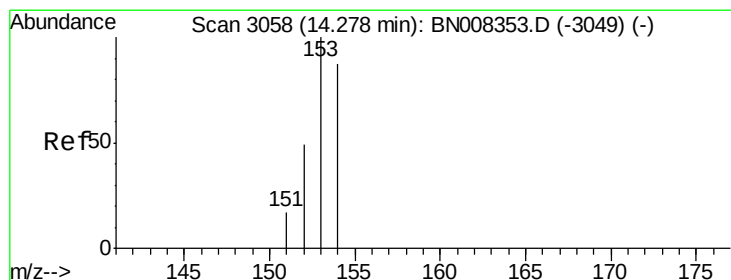
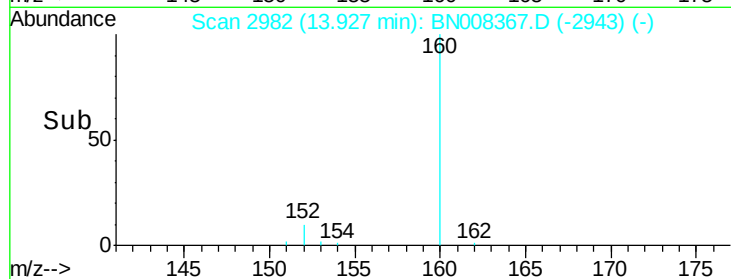
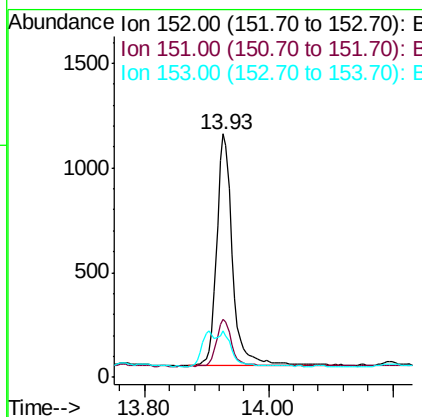
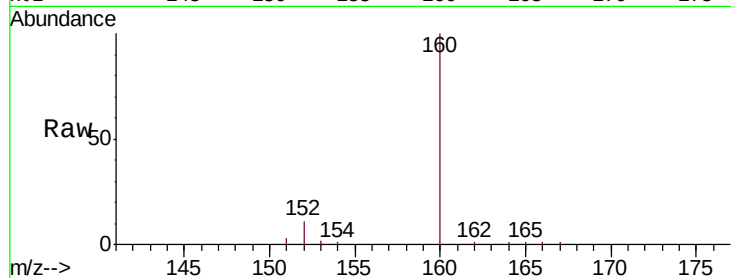
ClientSampleId :

BEPB3

Tgt Ion:	152	Resp:	1974
Ion Ratio	Lower	Upper	
152	100		
151	23.6	16.2	24.4
153	18.9	11.0	16.4#

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#8

Acenaphthene

Concen: 0.029 ng/ul

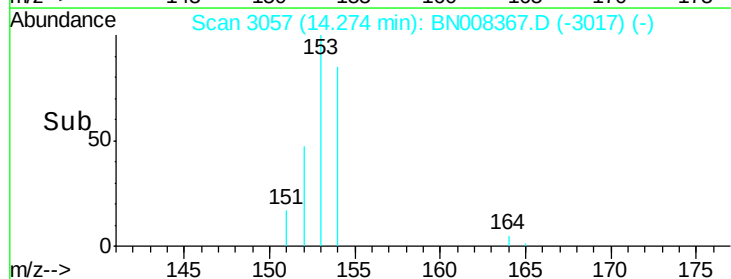
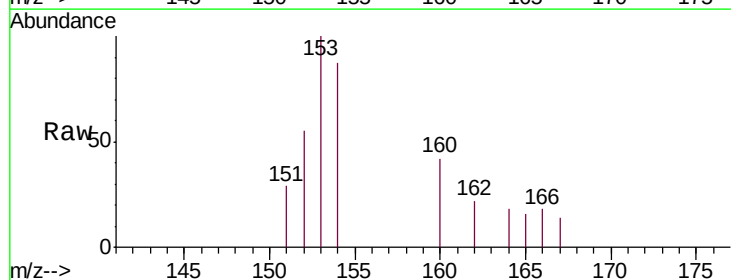
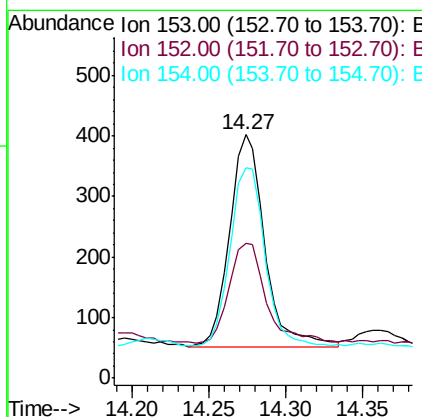
RT: 14.27 min Scan# 3057

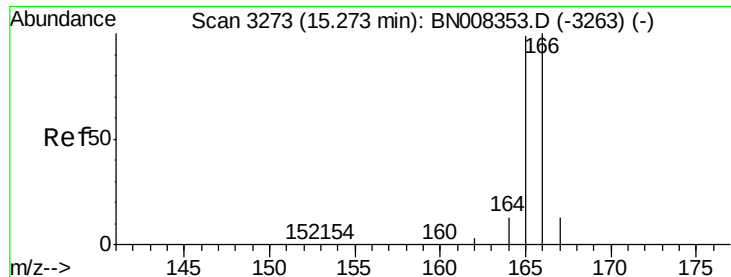
Delta R.T. -0.01 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Tgt Ion:	153	Resp:	559
Ion Ratio	Lower	Upper	
153	100		
152	55.5	38.2	57.2
154	86.6	71.8	107.8





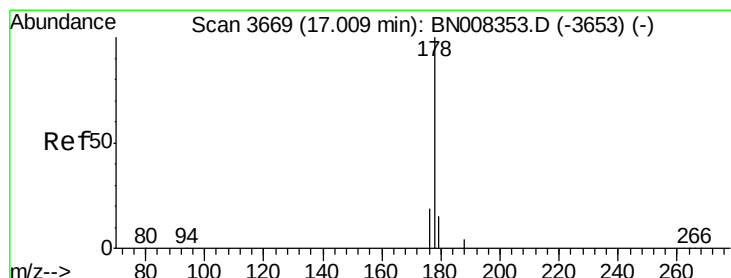
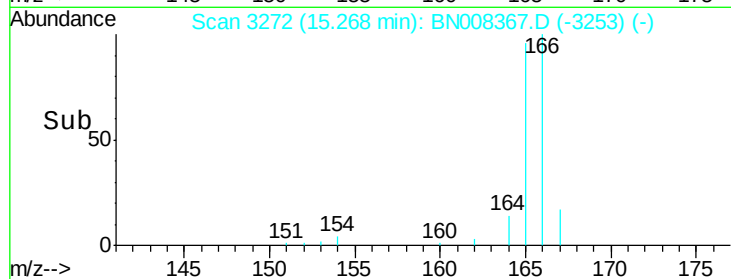
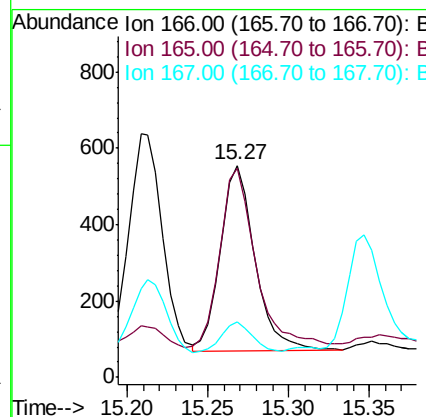
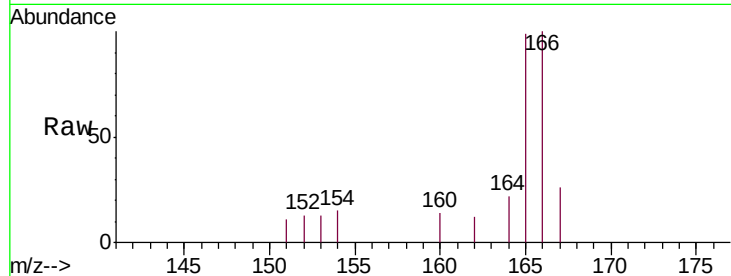
#9
Fluorene
 Concen: 0.033 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. -0.01 min
 Lab File: BN008367.D
 Acq: 24 Oct 2019 01:42

Instrument :
 BNA_N
 ClientSampleId :
 BEPB3

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.6	115.0
167	25.9	11.7	17.5#

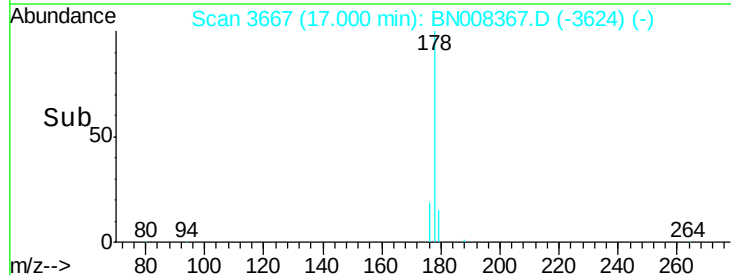
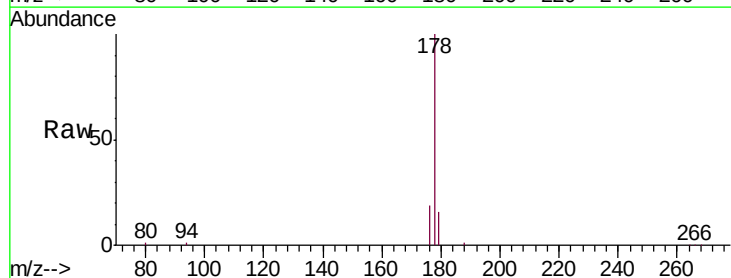
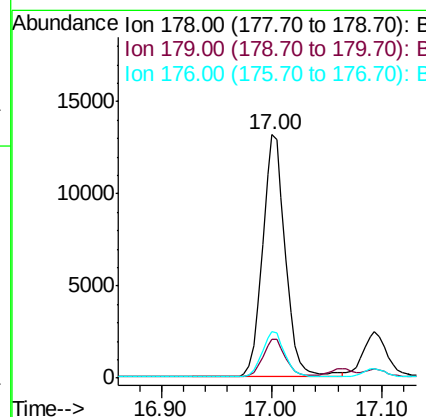
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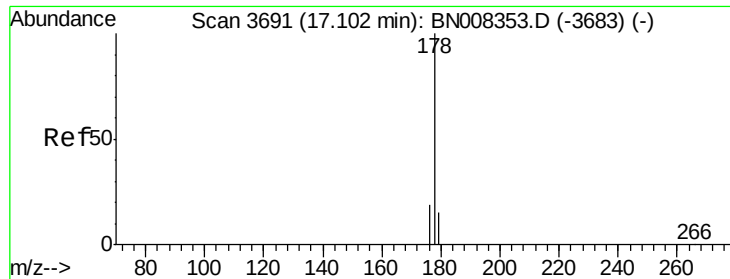
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#12
Phenanthrene
 Concen: 0.546 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. -0.02 min
 Lab File: BN008367.D
 Acq: 24 Oct 2019 01:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.3	15.4	23.2





#13

Anthracene

Concen: 0.118 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Instrument :

BNA_N

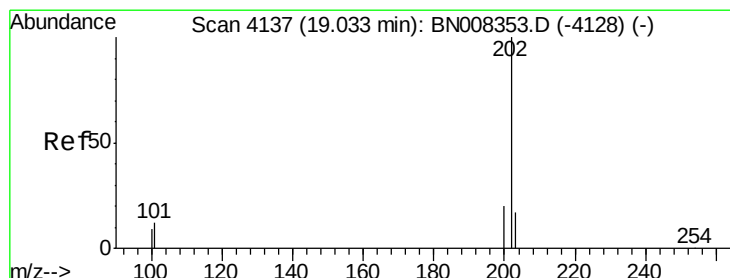
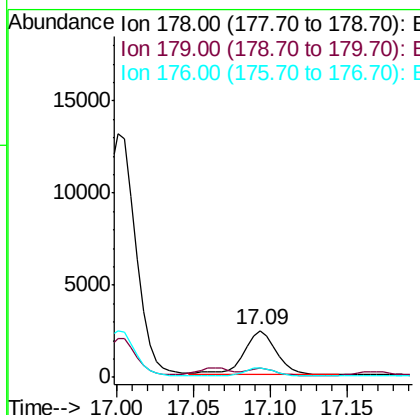
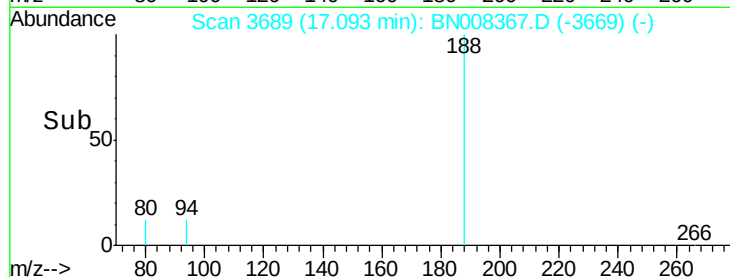
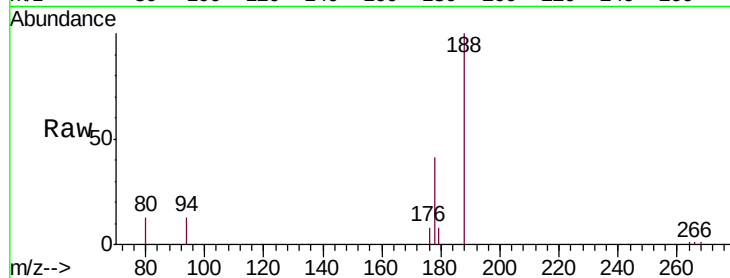
ClientSampleId :

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Tgt Ion:	178	Resp:	3590
Ion Ratio	Lower	Upper	
178	100		
179	19.0	13.0	19.6
176	19.7	15.0	22.6

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#15

Fluoranthene

Concen: 1.002 ng/ul

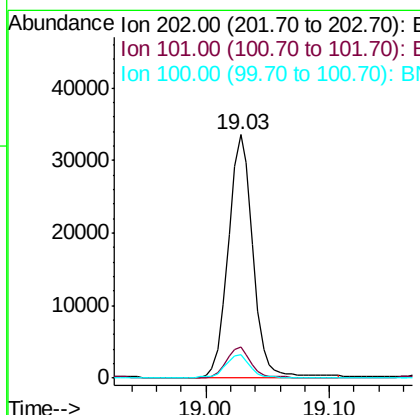
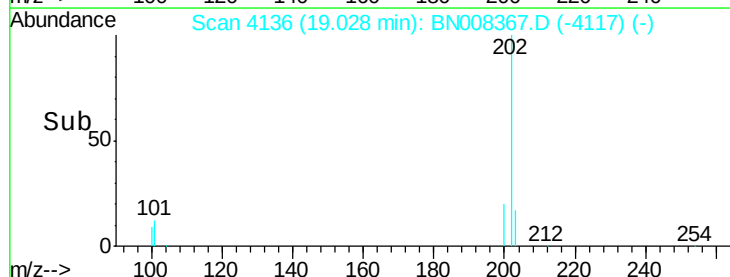
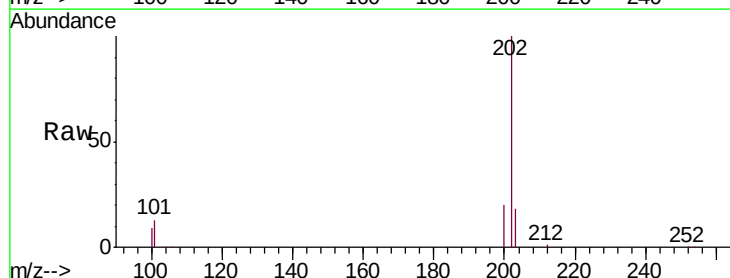
RT: 19.03 min Scan# 4136

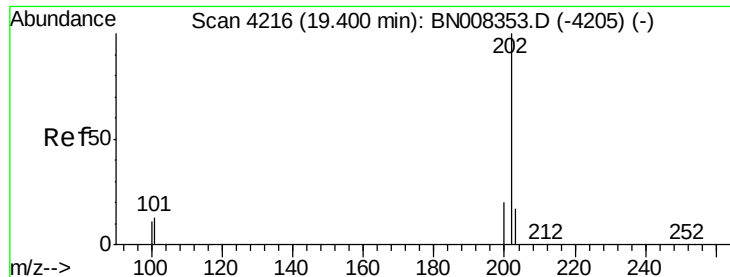
Delta R.T. -0.01 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Tgt Ion:	202	Resp:	45918
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.2
100	9.4	0.0	28.5





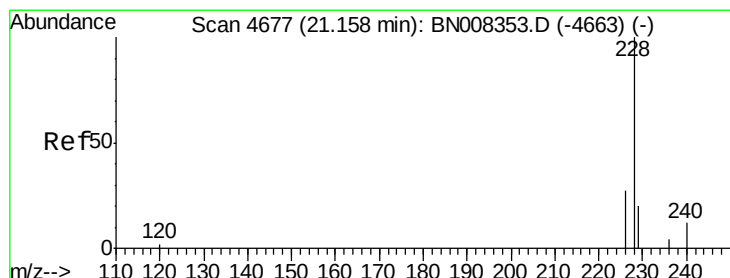
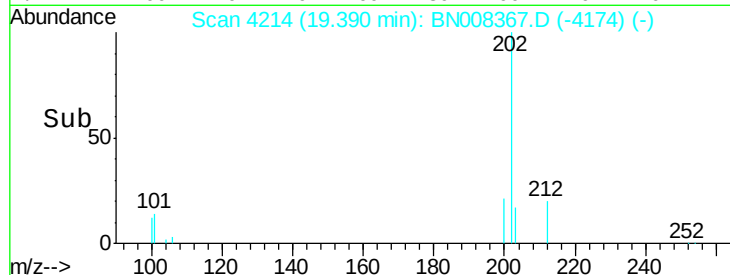
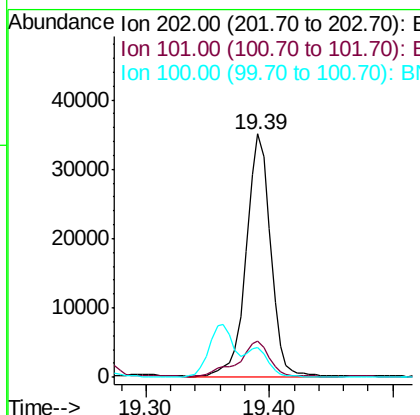
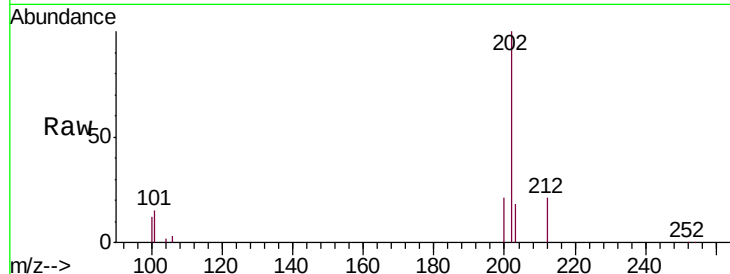
#17
Pyrene
Concen: 1.072 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008367.D
Acq: 24 Oct 2019 01:42

Instrument :
BNA_N
ClientSampleId :
BEPB3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.9	16.3
100	12.2	8.7	13.1

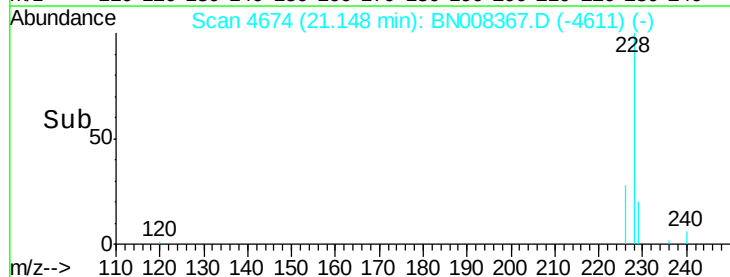
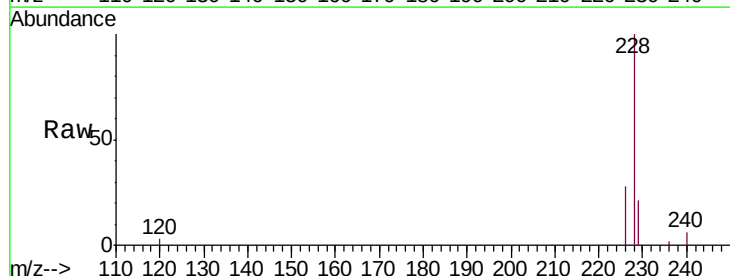
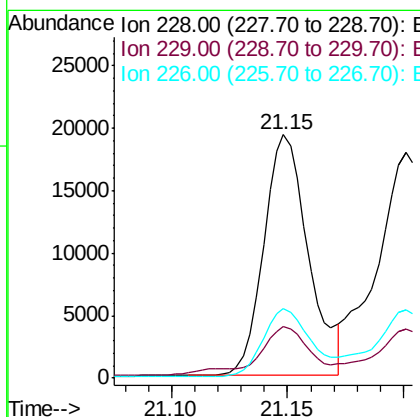
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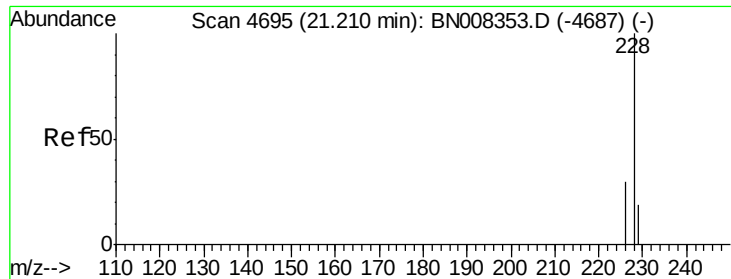
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#18
Benzo(a)anthracene
Concen: 0.635 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008367.D
Acq: 24 Oct 2019 01:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.3	21.4	32.0





#19

Chrysene

Concen: 0.583 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Instrument :

BNA_N

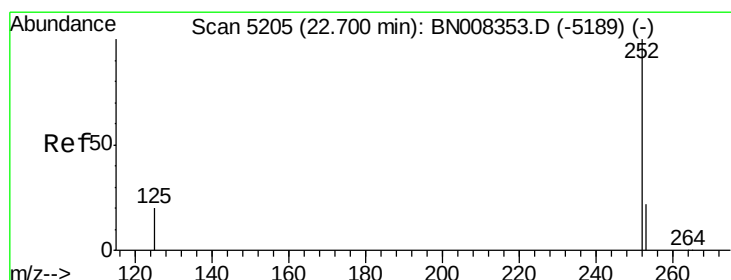
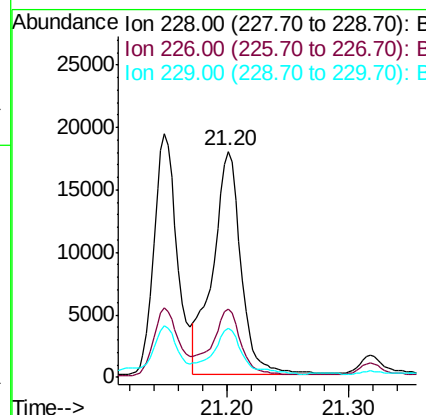
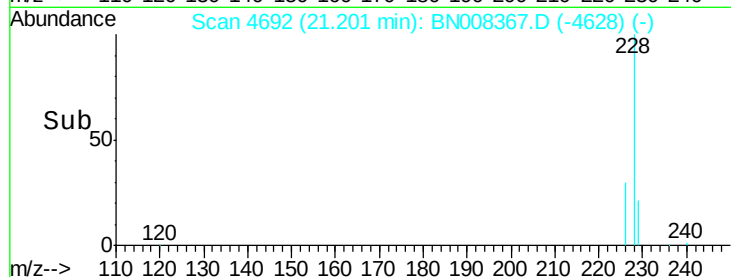
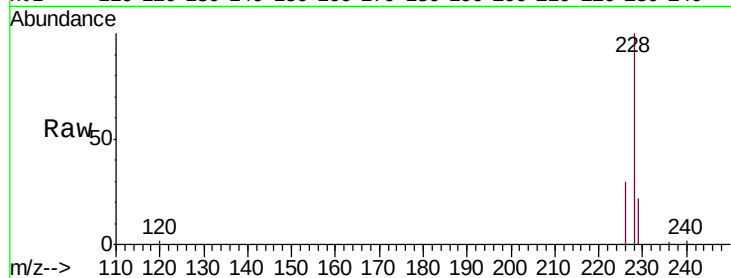
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Tgt Ion:	228	Resp:	29116
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	21.6	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.962 ng/ul m

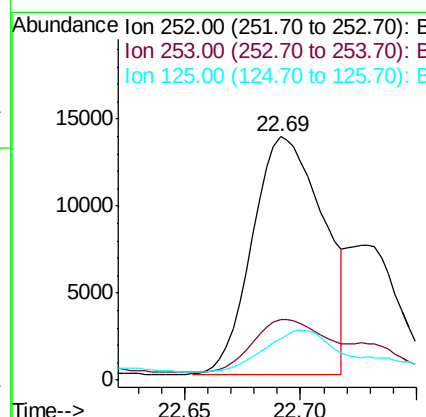
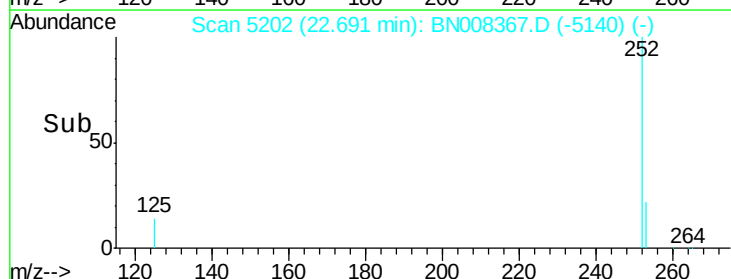
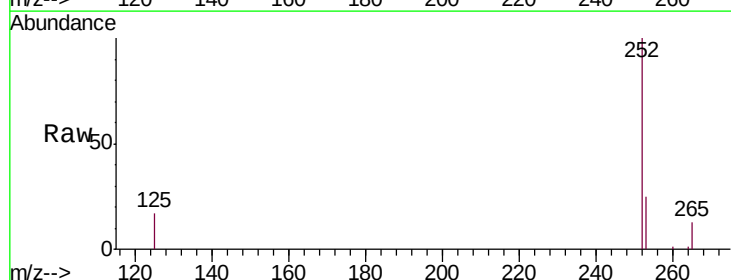
RT: 22.69 min Scan# 5202

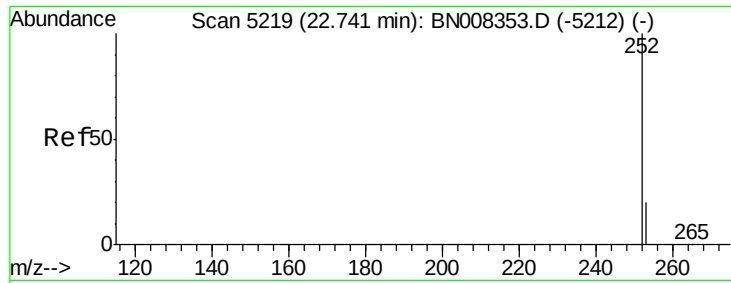
Delta R.T. -0.02 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Tgt Ion:	252	Resp:	29203
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	53.4
125	17.2	0.0	32.4





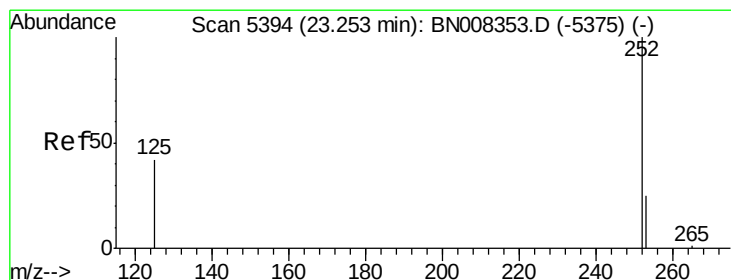
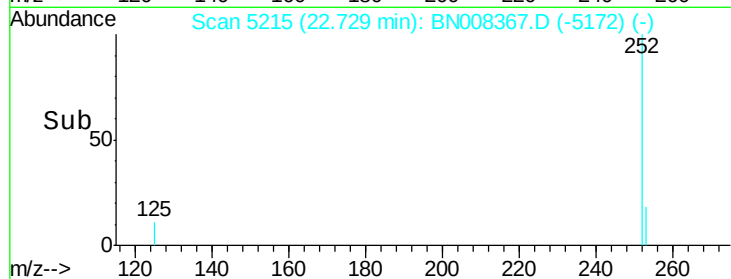
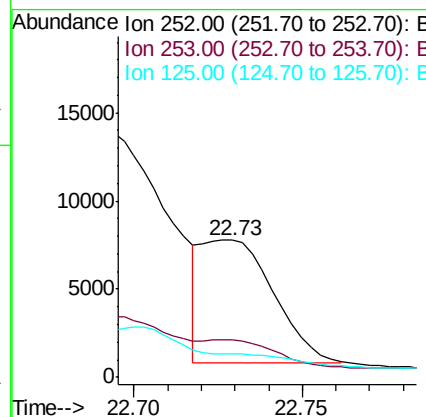
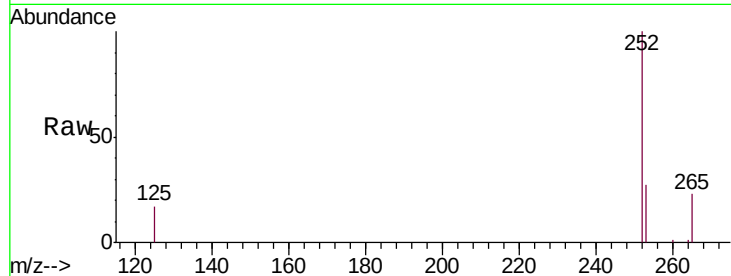
#22
Benzo(k)fluoranthene
Concen: 0.299 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008367.D
Acq: 24 Oct 2019 01:42

Instrument :
BNA_N
ClientSampleId :
BEPB3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.3	31.9
125	16.9	12.3	18.5

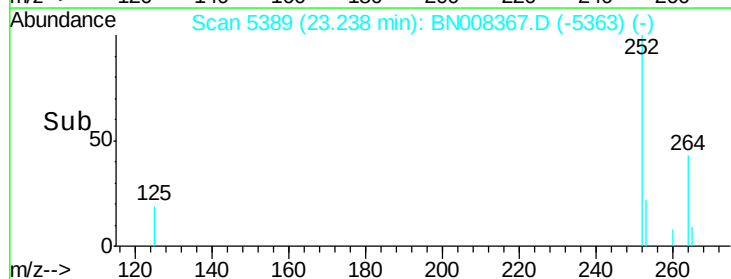
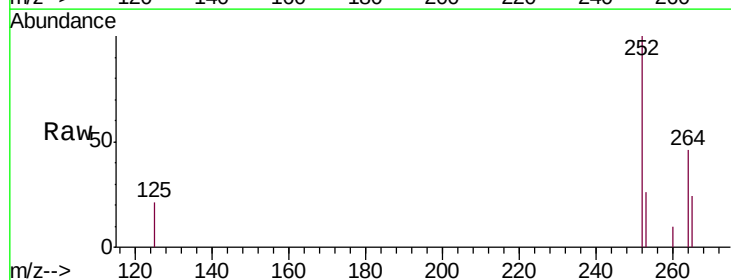
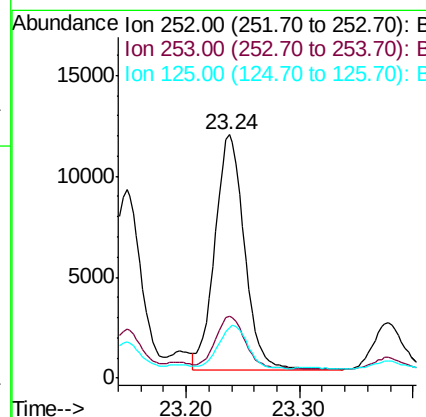
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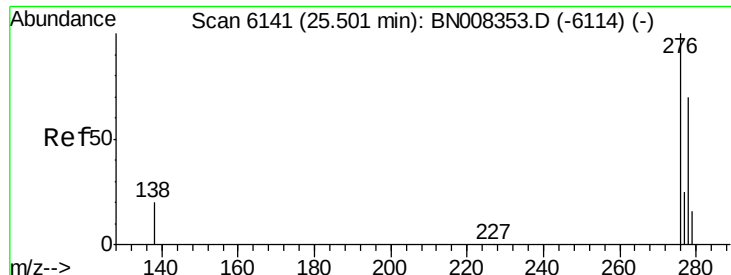
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#23
Benzo(a)pyrene
Concen: 0.655 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008367.D
Acq: 24 Oct 2019 01:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	22.8	34.2
125	20.7	18.4	27.6





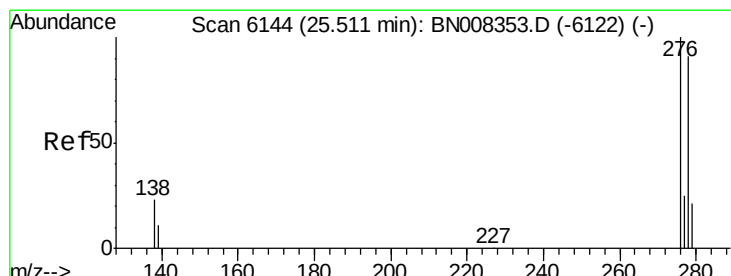
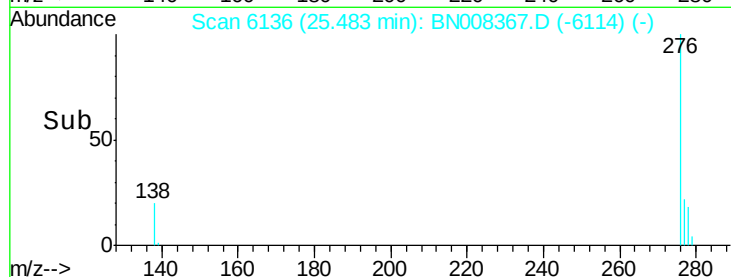
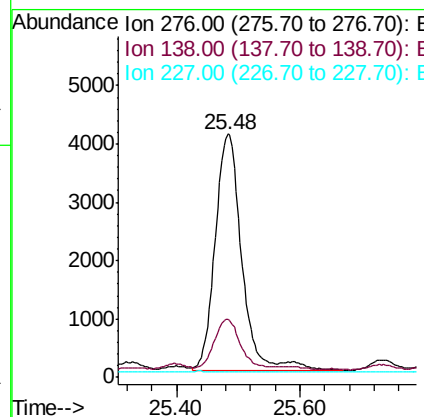
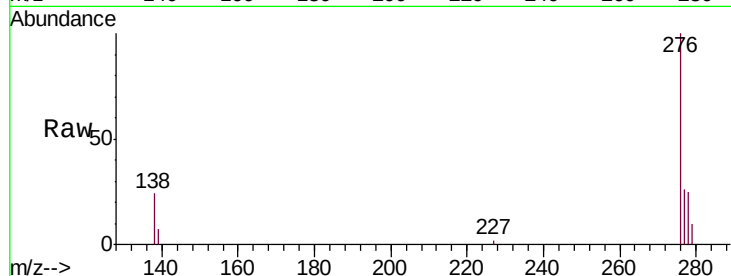
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.322 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.03 min
 Lab File: BN008367.D
 Acq: 24 Oct 2019 01:42

Instrument :
 BNA_N
 ClientSampleId :
 BEPB3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.1	24.1
227	0.0	0.2	0.2

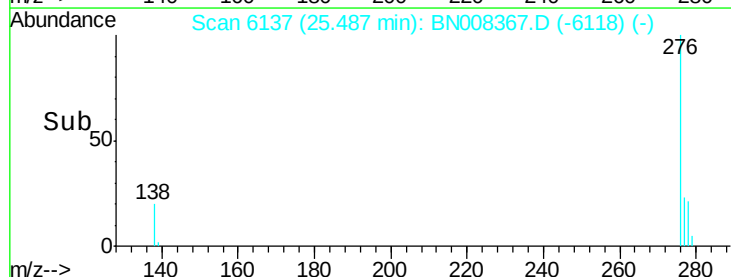
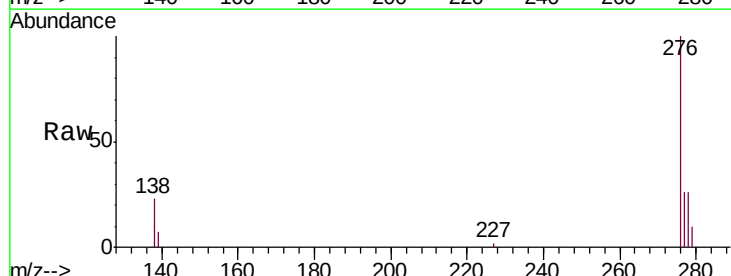
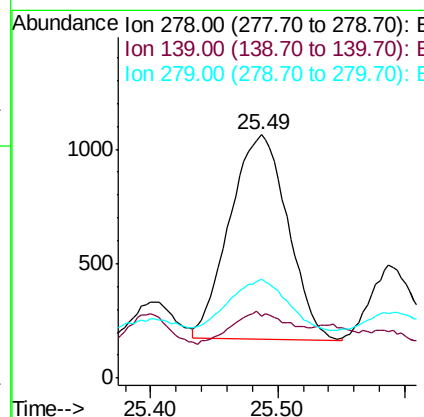
Manual Integrations
 APPROVED

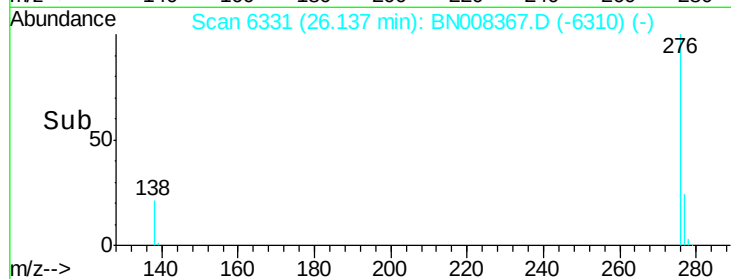
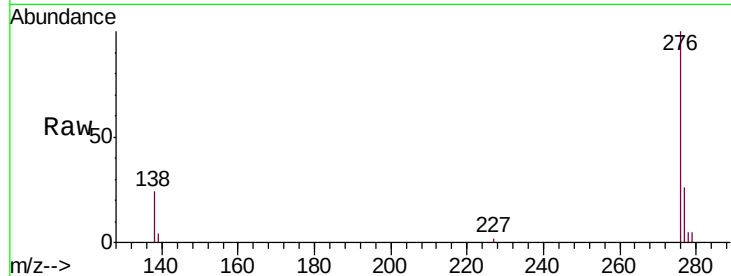
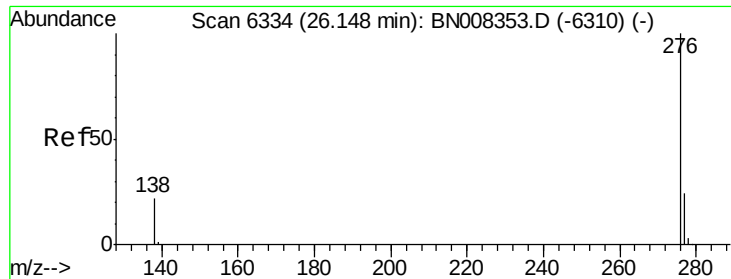
mohammad
 10/24/2019 8:07:16 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.095 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.04 min
 Lab File: BN008367.D
 Acq: 24 Oct 2019 01:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.7	15.0	22.6
279	40.5	22.4	33.6





#26

Benzo(g,h,i)perylene

Concen: 0.343 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.03 min

Lab File: BN008367.D

Acq: 24 Oct 2019 01:42

Instrument :

BNA_N

ClientSampleId :

BEPB3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.0	25.4
277	25.7	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:16 AM

