

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008356.D
 Acq On : 23 Oct 2019 19:08
 Operator : JU
 Sample : K5223-09DL 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE1DL

Manual Integrations
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 10/24/2019 8:06:48 AM

Quant Time: Oct 24 01:55:20 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	1905	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9158	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5925	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12947	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11703	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	9667	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1597	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	4976	0.11	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	13.93	152	1093	0.039	ng/ul#	82
8) Acenaphthene	14.28	153	802	0.037	ng/ul	98
9) Fluorene	15.27	166	1418	0.057	ng/ul#	95
12) Phenanthrene	17.00	178	30861	0.814	ng/ul	99
13) Anthracene	17.09	178	7740	0.232	ng/ul	98
15) Fluoranthene	19.03	202	58889	1.176	ng/ul	97
17) Pyrene	19.39	202	51809	1.112	ng/ul	99
18) Benzo(a)anthracene	21.15	228	30782	0.723	ng/ul	97
19) Chrysene	21.21	228	30082	0.576	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	29136m	0.926	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	11417m	0.320	ng/ul	
23) Benzo(a)pyrene	23.24	252	19855	0.600	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.49	276	10706	0.274	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	2736	0.089	ng/ul#	78
26) Benzo(g,h,i)perylene	26.14	276	7603	0.213	ng/ul	95

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

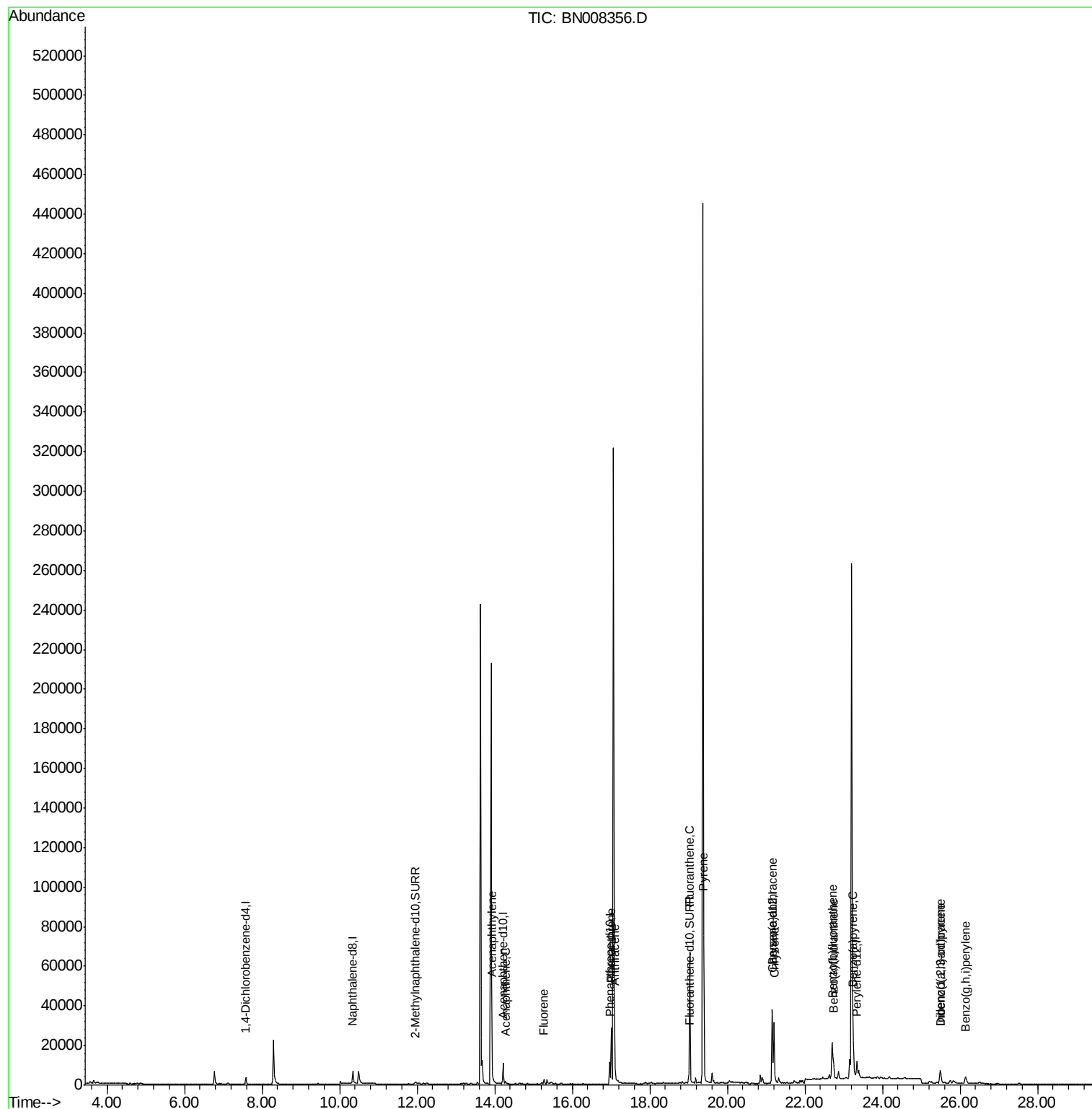
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
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ALS Vial : 49 Sample Multiplier: 1

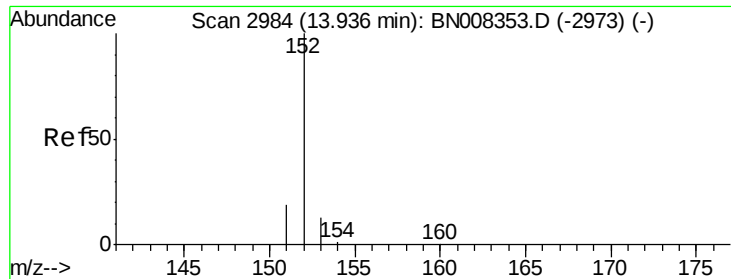
Instrument :
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BEPE1DL

Quant Time: Oct 24 01:55:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

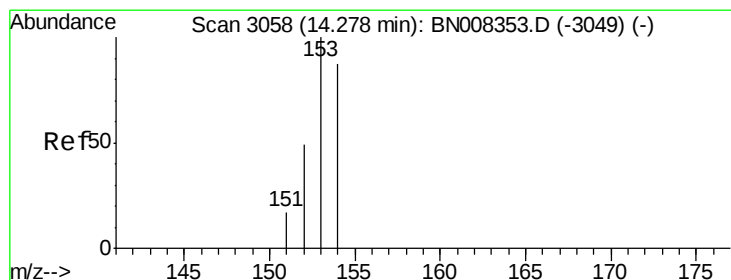
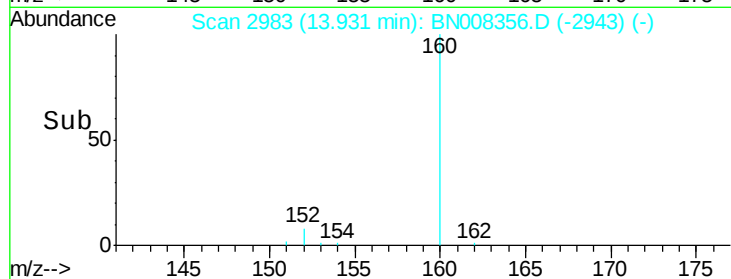
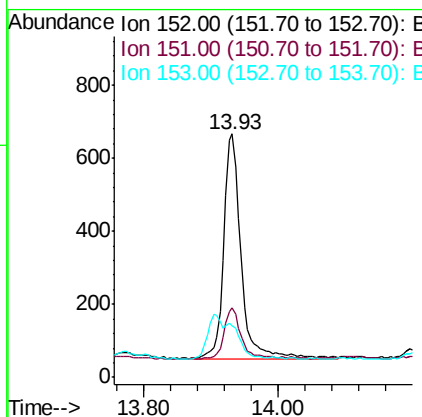
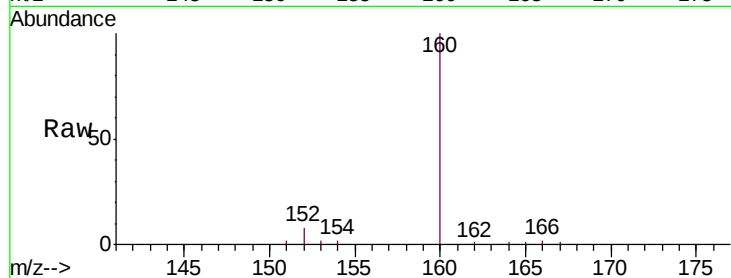
ClientSampleId :

BEPE1DL

Tgt Ion:	152	Resp:	1093
Ion Ratio	Lower	Upper	
152	100		
151	28.5	16.2	24.4#
153	21.1	11.0	16.4#

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#8

Acenaphthene

Concen: 0.037 ng/ul

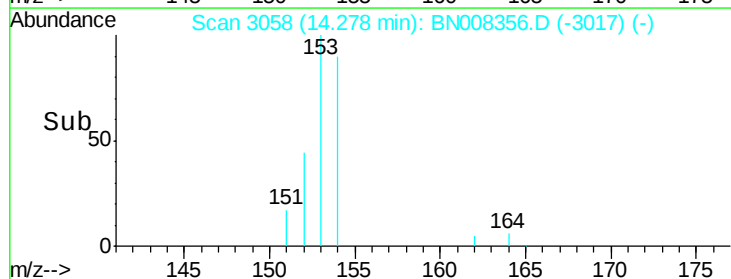
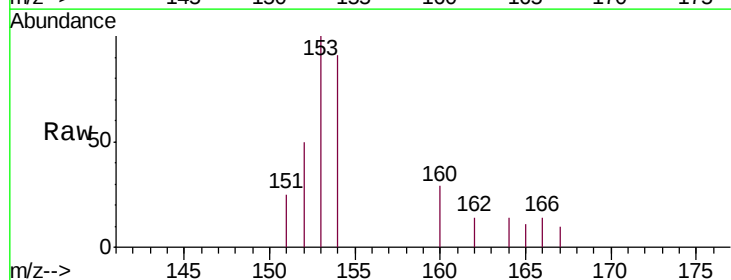
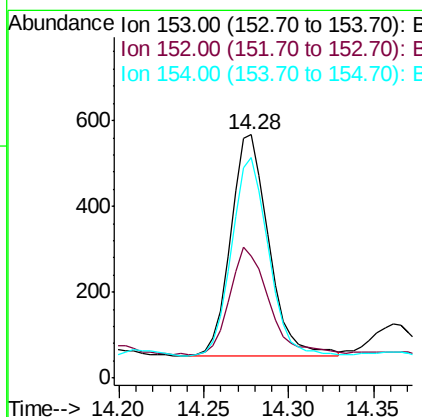
RT: 14.28 min Scan# 3058

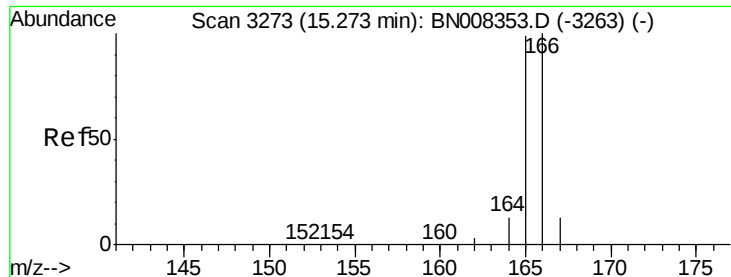
Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Tgt Ion:	153	Resp:	802
Ion Ratio	Lower	Upper	
153	100		
152	49.9	38.2	57.2
154	90.8	71.8	107.8





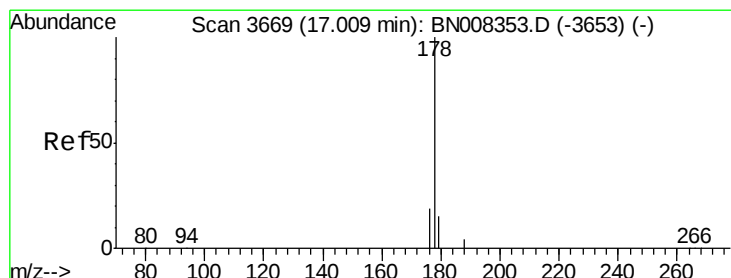
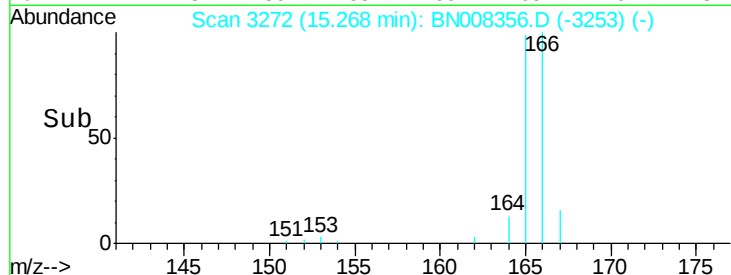
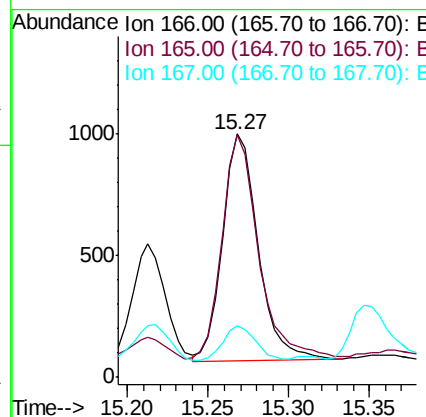
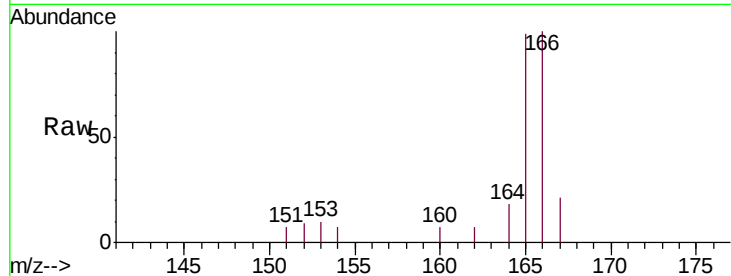
#9
Fluorene
 Concen: 0.057 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. -0.01 min
 Lab File: BN008356.D
 Acq: 23 Oct 2019 19:08

Instrument :
 BNA_N
 ClientSampleId :
 BEPE1DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.6	115.0
167	21.3	11.7	17.5

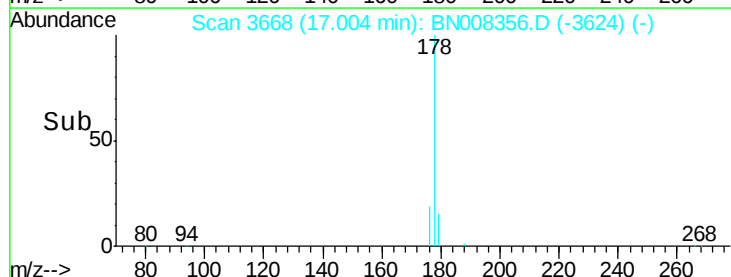
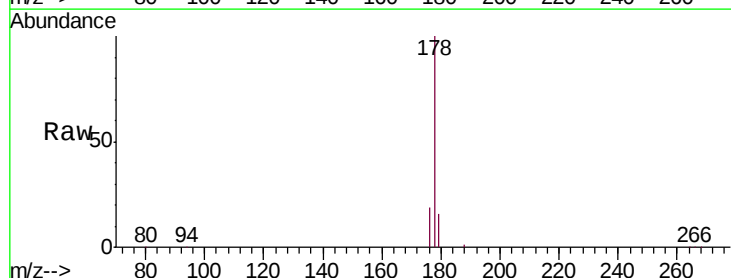
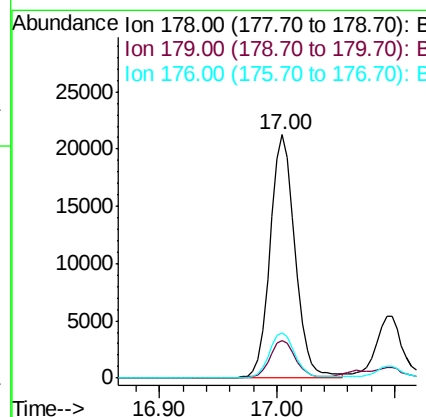
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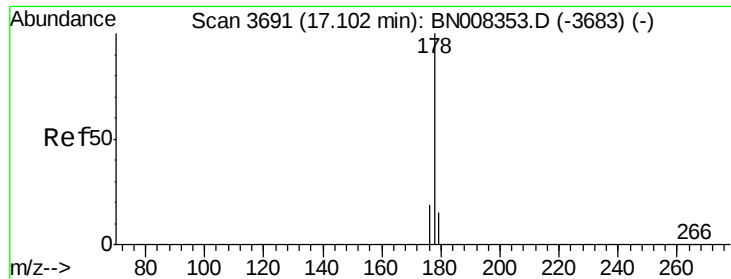
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#12
Phenanthrene
 Concen: 0.814 ng/ul
 RT: 17.00 min Scan# 3668
 Delta R.T. -0.01 min
 Lab File: BN008356.D
 Acq: 23 Oct 2019 19:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.8	15.4	23.2





#13

Anthracene

Concen: 0.232 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

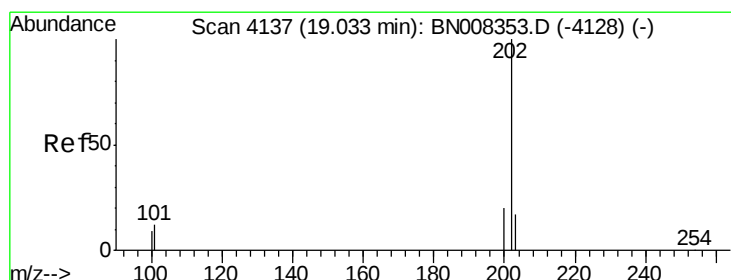
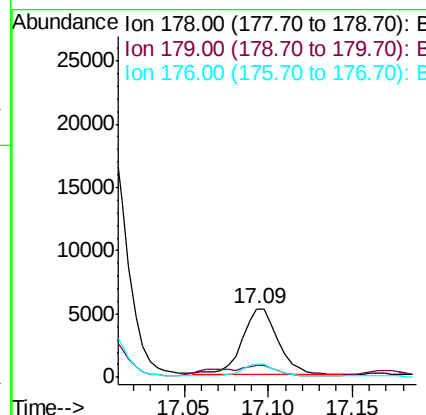
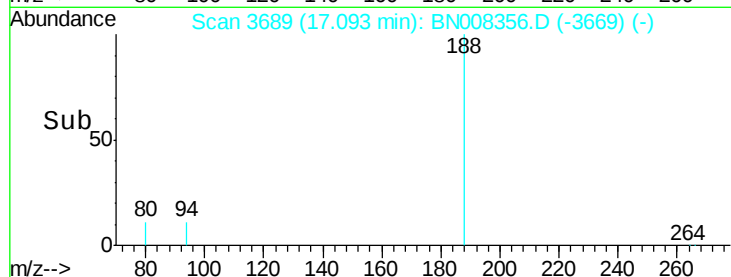
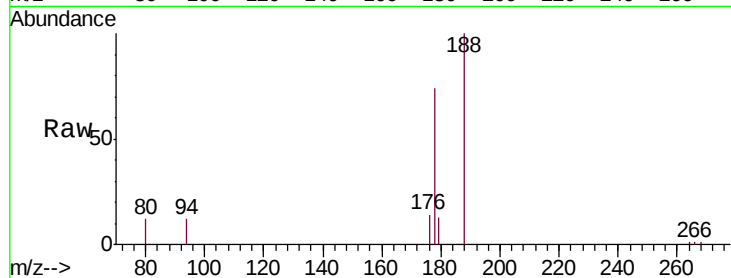
ClientSampleId :

BEPE1DL

Tgt Ion:	178	Resp:	7740
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.0	19.6
176	19.3	15.0	22.6

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#15

Fluoranthene

Concen: 1.176 ng/ul

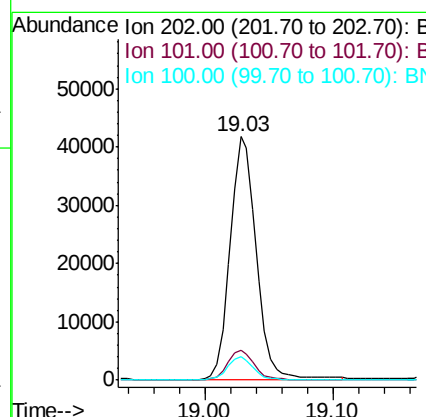
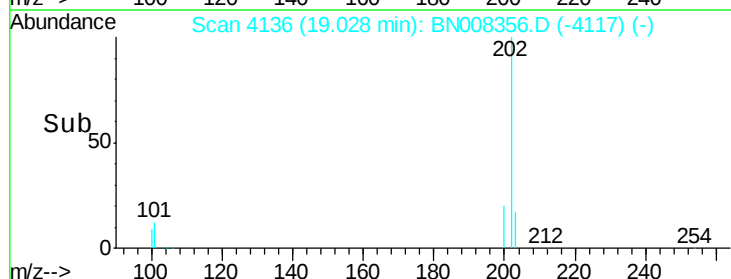
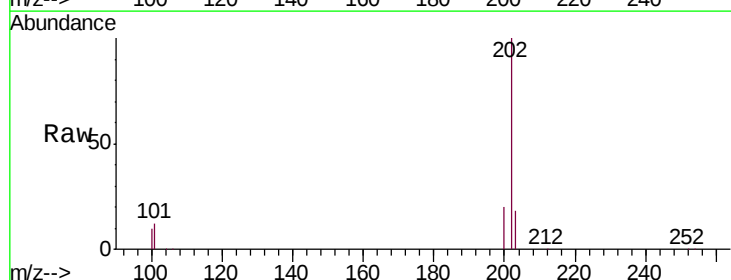
RT: 19.03 min Scan# 4136

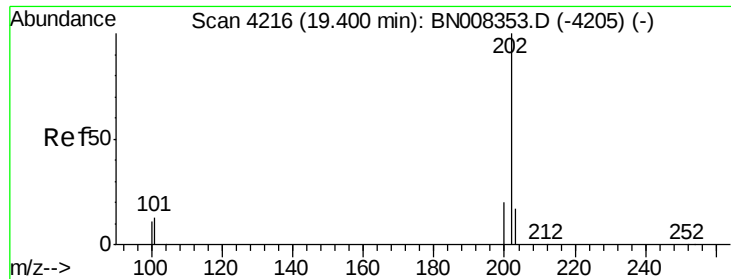
Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Tgt Ion:	202	Resp:	58889
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.2
100	9.5	0.0	28.5





#17

Pyrene

Concen: 1.112 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

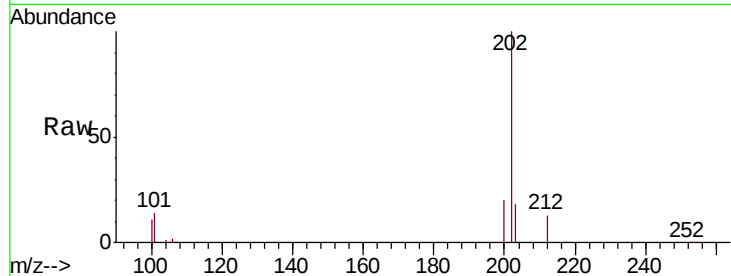
ClientSampleId :

BEPE1DL

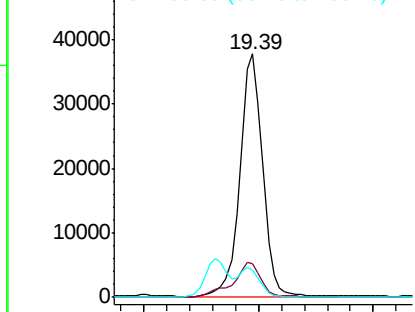
Tgt Ion:	202	Resp:	51809
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.3	8.7	13.1

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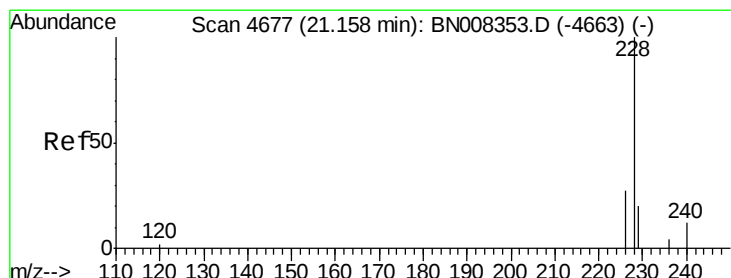
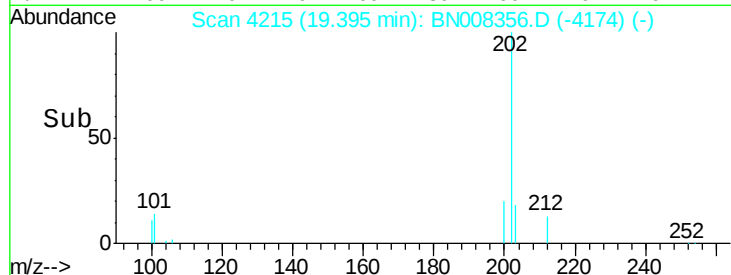
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#18

Benzo(a)anthracene

Concen: 0.723 ng/ul

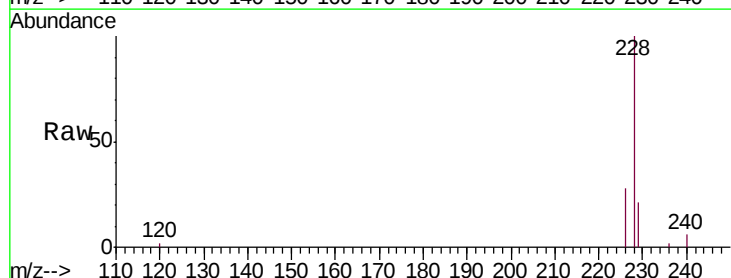
RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

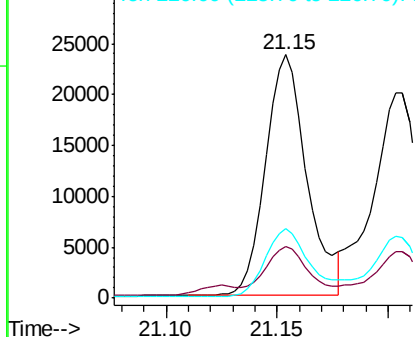
Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

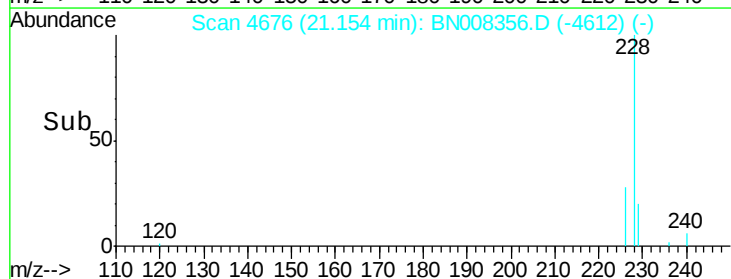
Tgt Ion:	228	Resp:	30782
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.2
226	28.3	21.4	32.0

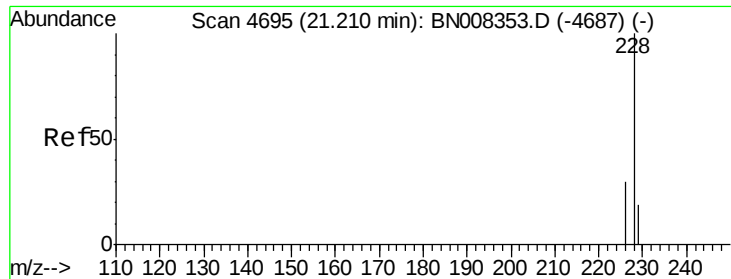


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 0.576 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

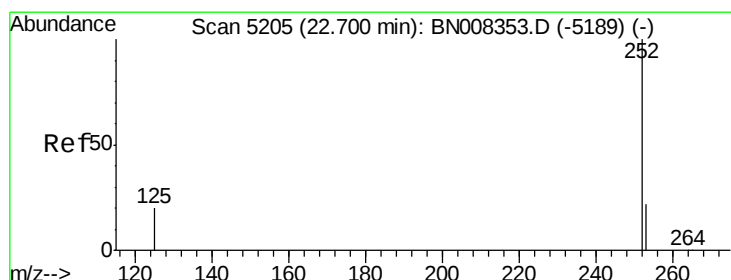
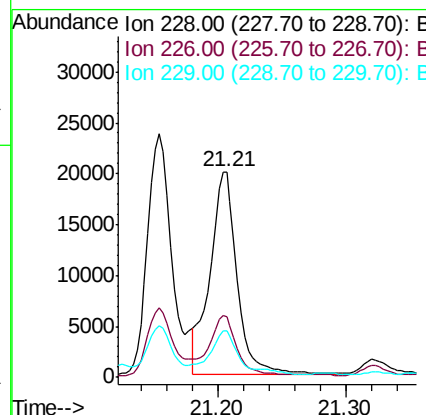
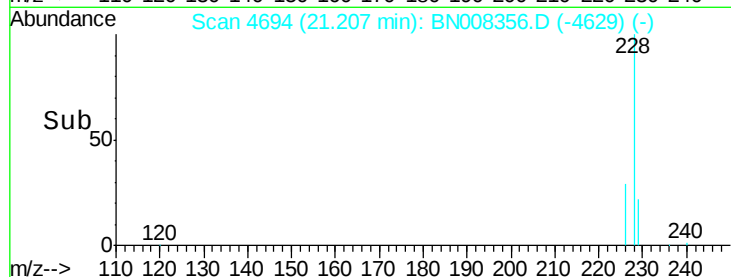
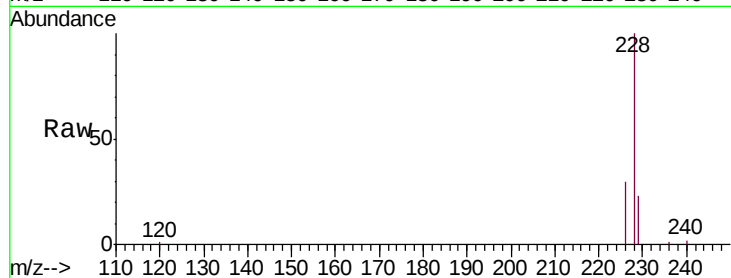
ClientSampleId :

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Tgt Ion:	228	Resp:	30082
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	22.7	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.926 ng/ul m

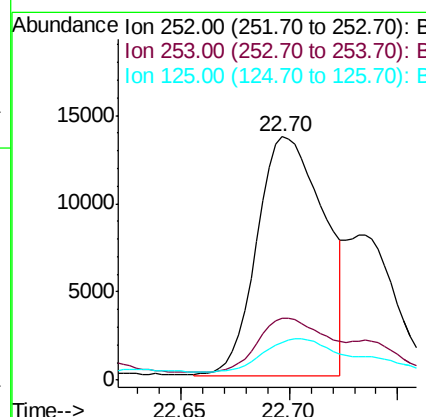
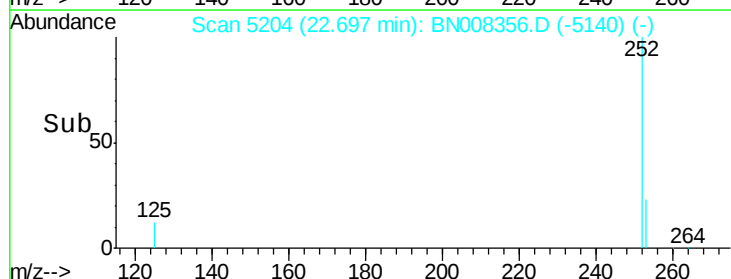
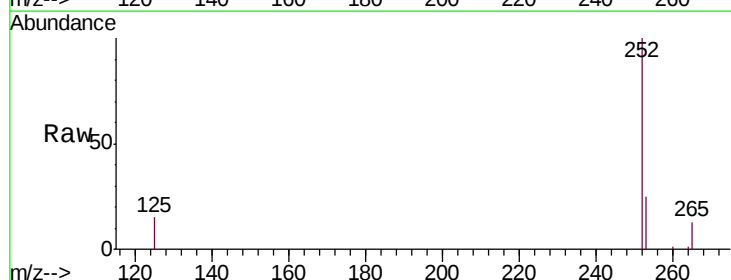
RT: 22.70 min Scan# 5204

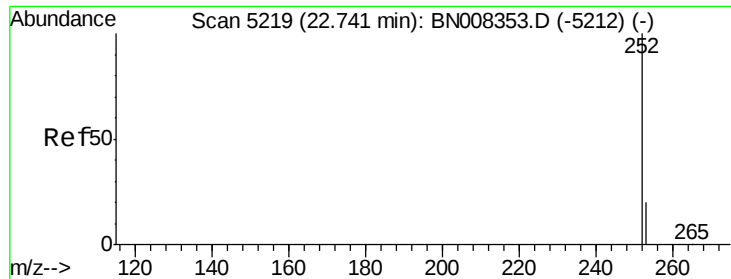
Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Tgt Ion:	252	Resp:	29136
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	53.4
125	15.2	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.320 ng/ul m

RT: 22.73 min Scan# 5216

Delta R.T. -0.02 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

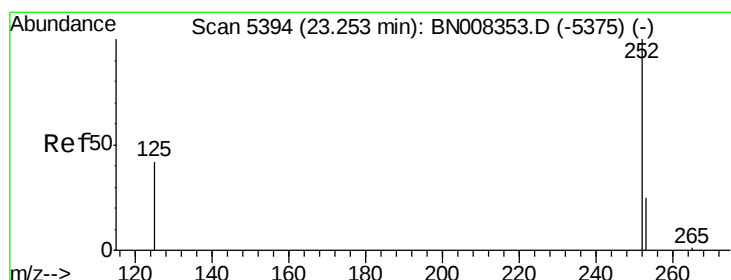
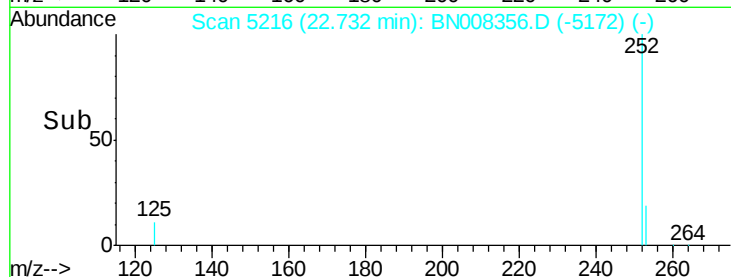
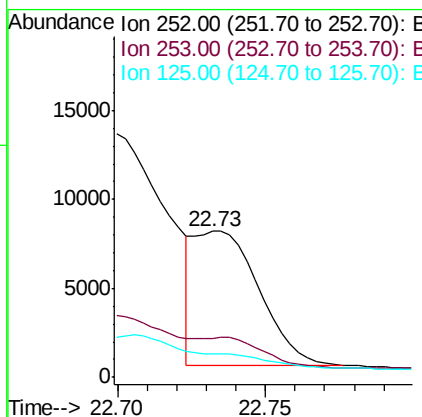
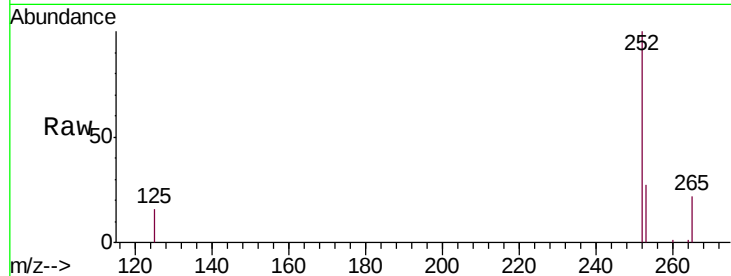
ClientSampleId :

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Tgt Ion:	252	Resp:	11417
Ion Ratio	Lower	Upper	
252	100		
253	27.0	21.3	31.9
125	16.1	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 0.600 ng/ul

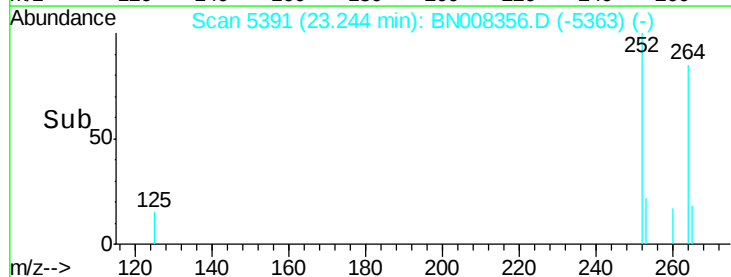
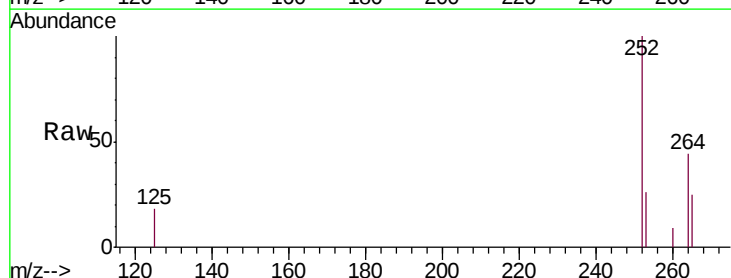
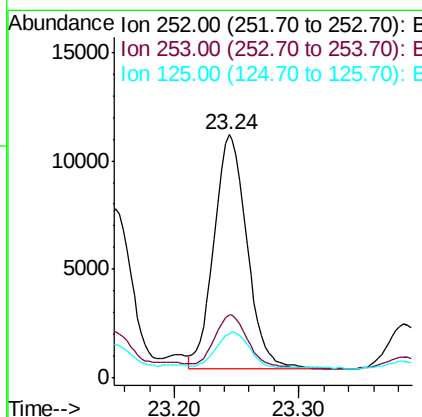
RT: 23.24 min Scan# 5391

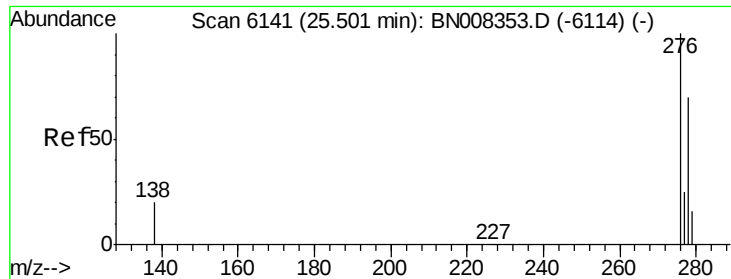
Delta R.T. -0.02 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Tgt Ion:	252	Resp:	19855
Ion Ratio	Lower	Upper	
252	100		
253	25.8	22.8	34.2
125	18.2	18.4	27.6#





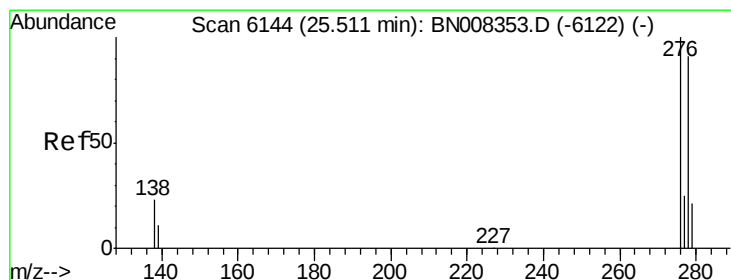
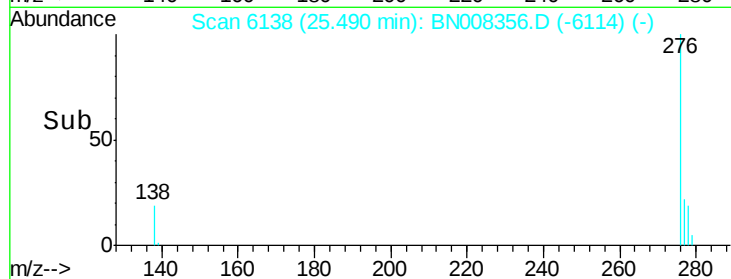
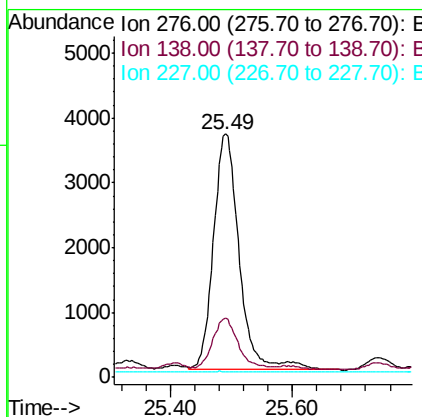
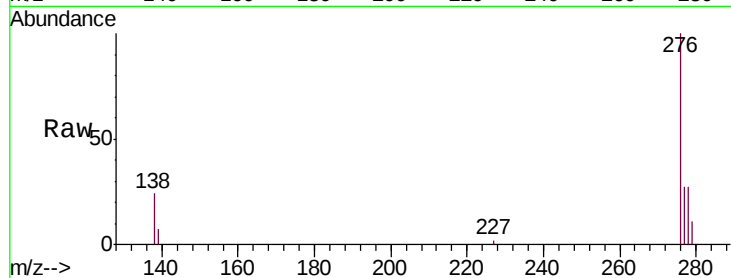
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.274 ng/u1
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.02 min
 Lab File: BN008356.D
 Acq: 23 Oct 2019 19:08

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.1	24.1
227	0.0	0.2	0.2#

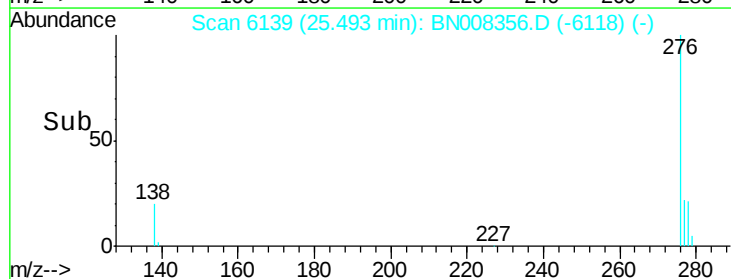
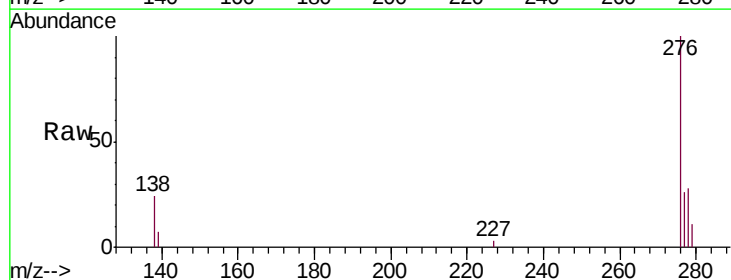
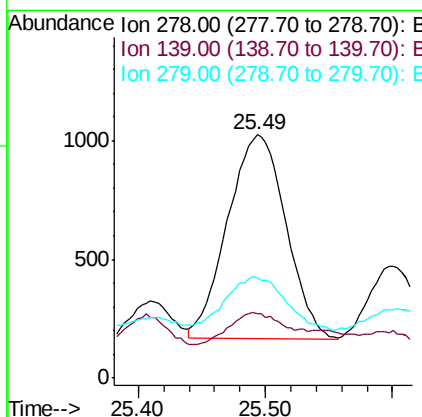
Manual Integrations
 APPROVED

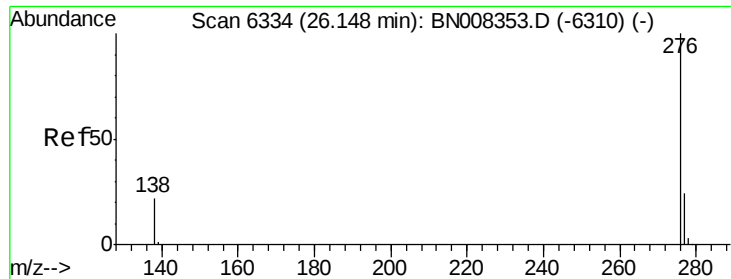
mohammad
 10/24/2019 8:06:48 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.089 ng/u1
 RT: 25.49 min Scan# 6139
 Delta R.T. -0.03 min
 Lab File: BN008356.D
 Acq: 23 Oct 2019 19:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.6	15.0	22.6#
279	41.1	22.4	33.6#





#26

Benzo(g,h,i)perylene

Concen: 0.213 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. -0.02 min

Lab File: BN008356.D

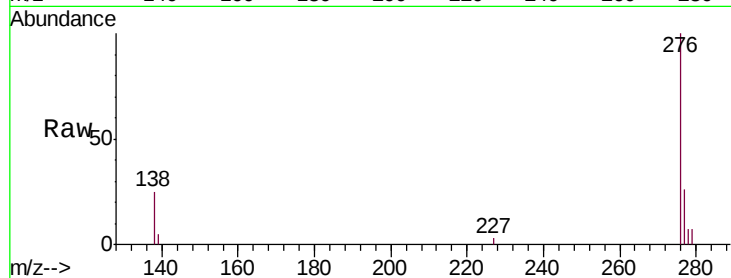
Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

BEPE1DL



Tgt Ion:	276	Resp:	7603
Ion Ratio	Lower	Upper	
276	100		
138	25.0	17.0	25.4
277	26.3	20.4	30.6

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