

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008360.D
 Acq On : 23 Oct 2019 21:31
 Operator : JU
 Sample : K5223-06DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE0DL

Manual Integrations
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mohammad
 10/24/2019 8:06:59 AM

Quant Time: Oct 24 02:06:47 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	1708	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8090	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.21	164	5350	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11327	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	9656	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	7874	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	548	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1703	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	485	0.021	ng/ul#	61
7) Acenaphthylene	13.93	152	557	0.022	ng/ul#	71
8) Acenaphthene	14.28	153	1147	0.058	ng/ul	97
9) Fluorene	15.27	166	1225	0.054	ng/ul#	97
12) Phenanthrene	17.00	178	19407	0.585	ng/ul	99
13) Anthracene	17.10	178	4734	0.162	ng/ul	96
15) Fluoranthene	19.03	202	25092	0.573	ng/ul	98
17) Pyrene	19.39	202	23921	0.622	ng/ul	100
18) Benzo(a)anthracene	21.15	228	11015	0.314	ng/ul	97
19) Chrysene	21.21	228	10138	0.235	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	10250m	0.400	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	3292m	0.113	ng/ul	
23) Benzo(a)pyrene	23.25	252	7258	0.269	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.49	276	3804	0.120	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.50	278	858	0.034	ng/ul#	40
26) Benzo(g,h,i)perylene	26.15	276	3211	0.110	ng/ul#	87

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

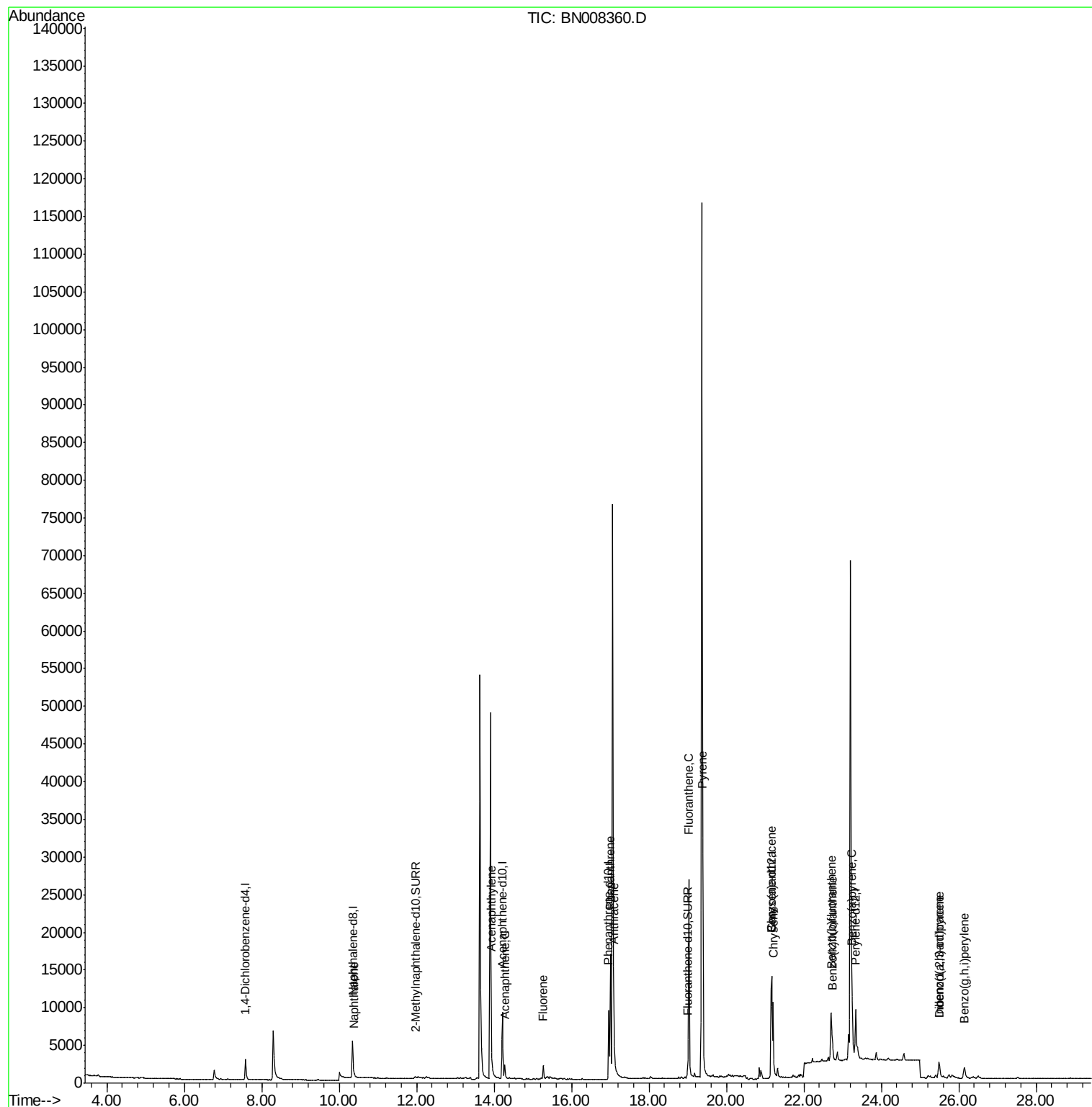
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008360.D
Acq On : 23 Oct 2019 21:31
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Misc :
ALS Vial : 53 Sample Multiplier: 1

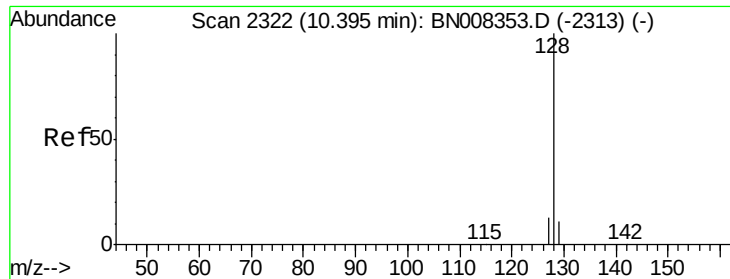
Instrument :
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BEPE0DL

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Quant Time: Oct 24 02:06:47 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





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008360.D

Acq: 23 Oct 2019 21:31

Instrument :

BNA_N

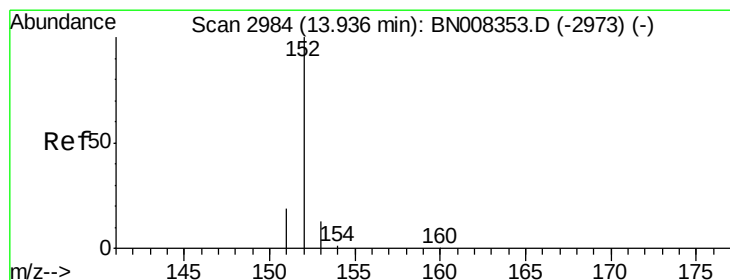
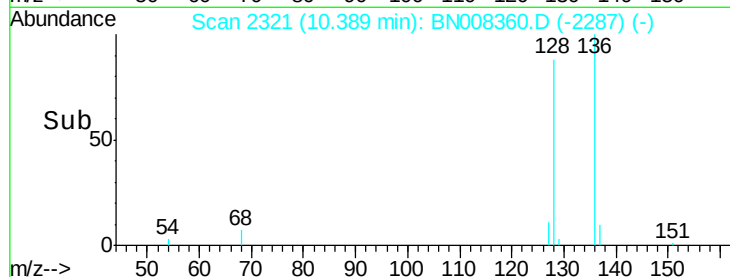
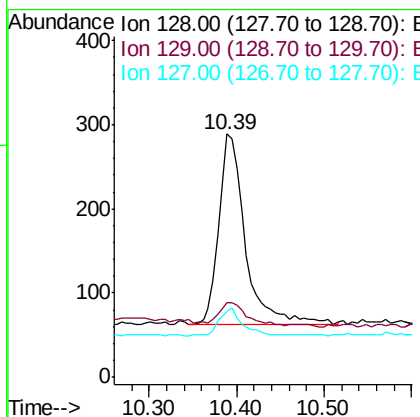
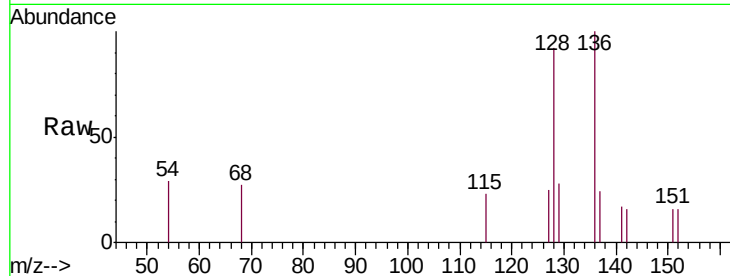
ClientSampleId :

BEPE0DL

Tgt Ion:	128	Resp:	485
Ion Ratio	Lower	Upper	
128	100		
129	30.4	9.8	14.8#
127	27.0	11.1	16.7#

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#7

Acenaphthylene

Concen: 0.022 ng/ul

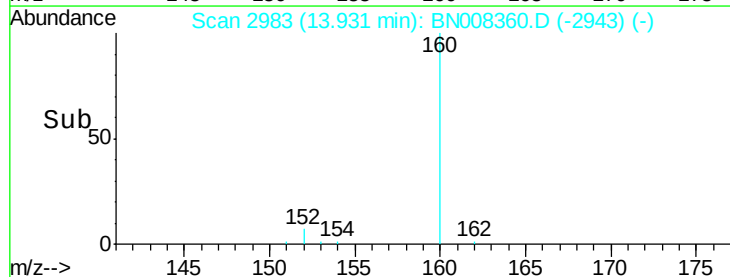
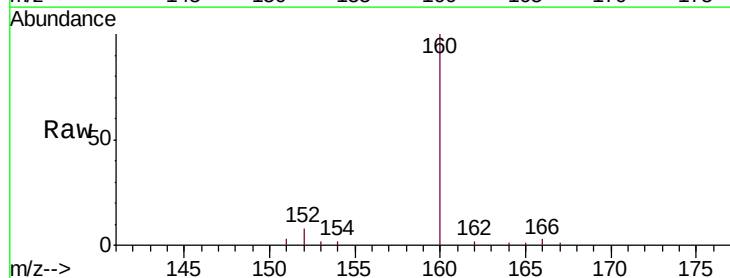
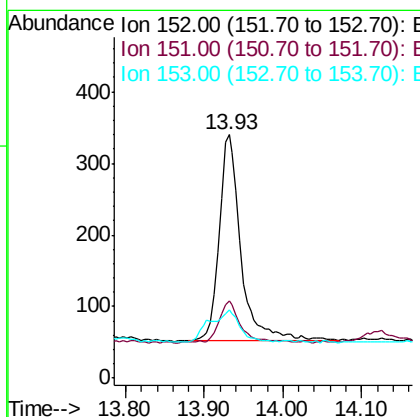
RT: 13.93 min Scan# 2983

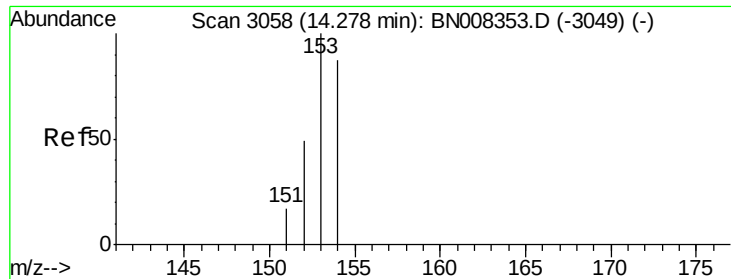
Delta R.T. -0.01 min

Lab File: BN008360.D

Acq: 23 Oct 2019 21:31

Tgt Ion:	152	Resp:	557
Ion Ratio	Lower	Upper	
152	100		
151	31.8	16.2	24.4#
153	28.2	11.0	16.4#





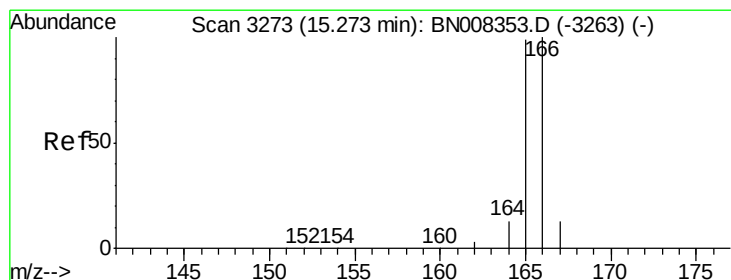
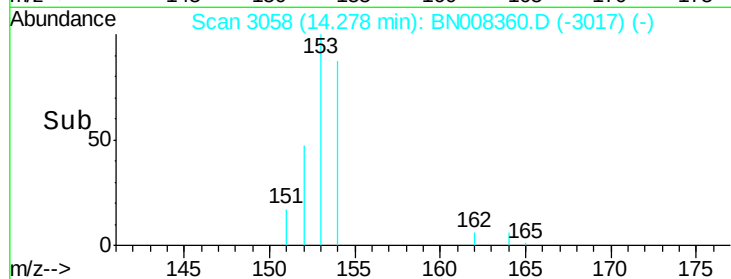
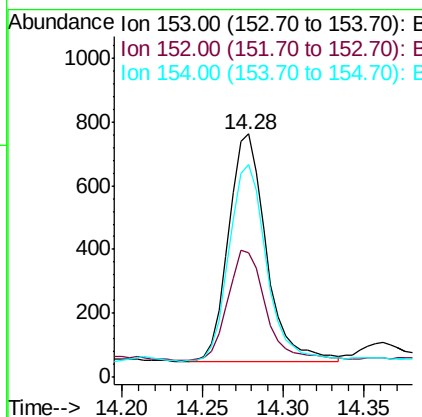
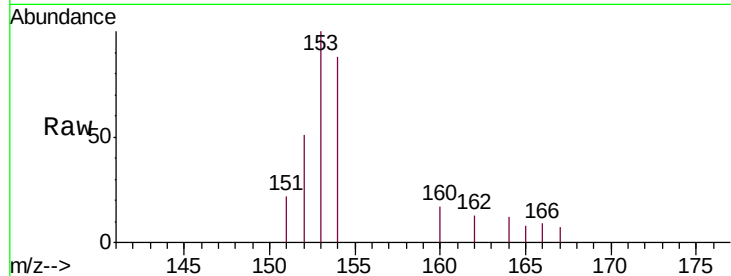
#8
Acenaphthene
Concen: 0.058 ng/ul
RT: 14.28 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Instrument :
BNA_N
ClientSampleId :
BEPE0DL

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.3	38.2	57.2
154	87.5	71.8	107.8

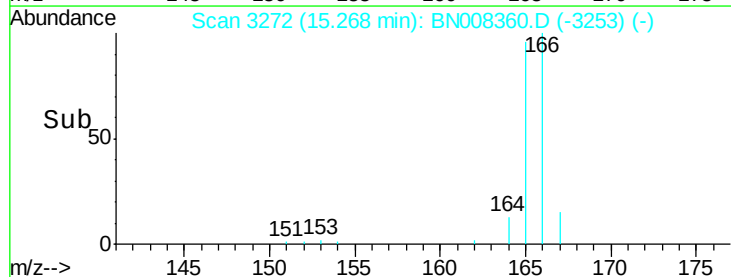
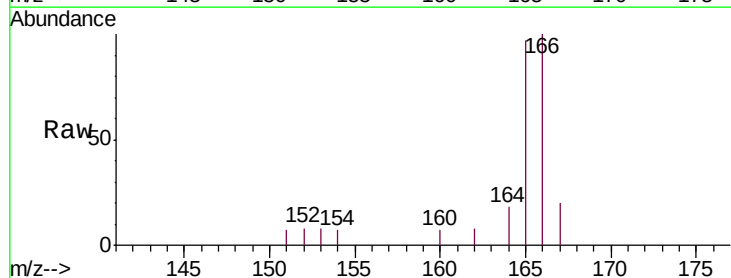
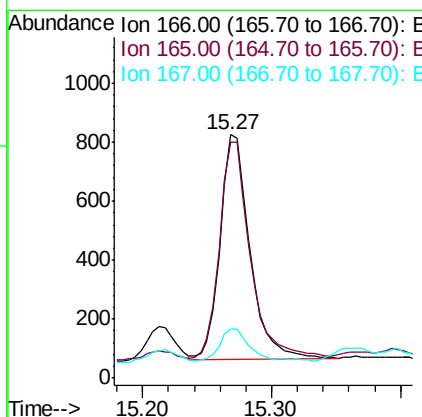
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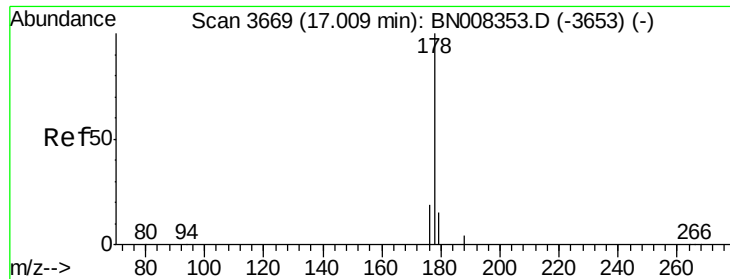
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#9
Fluorene
Concen: 0.054 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.6	115.0
167	20.2	11.7	17.5





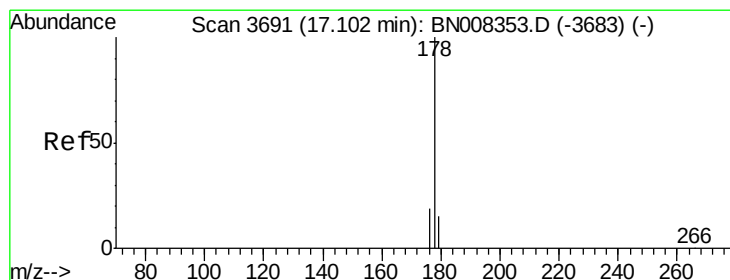
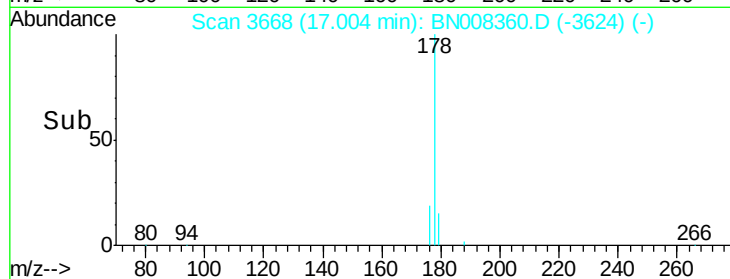
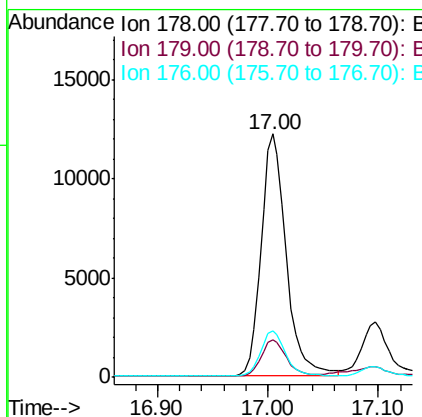
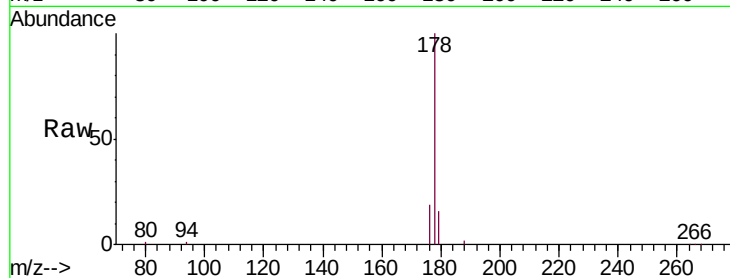
#12
Phenanthrene
Concen: 0.585 ng/ul
RT: 17.00 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Instrument :
BNA_N
ClientSampleId :
BEPE0DL

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

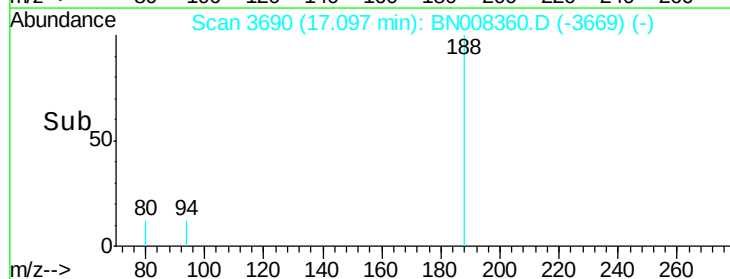
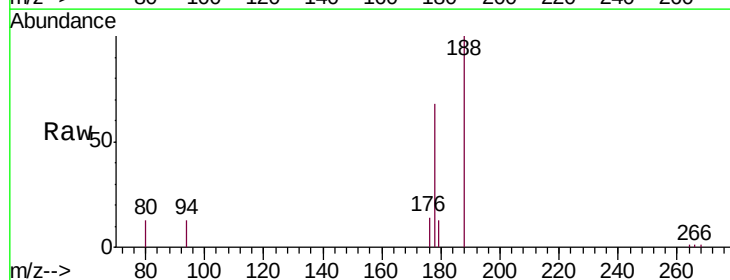
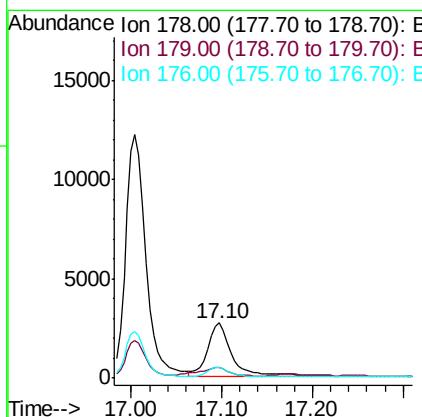
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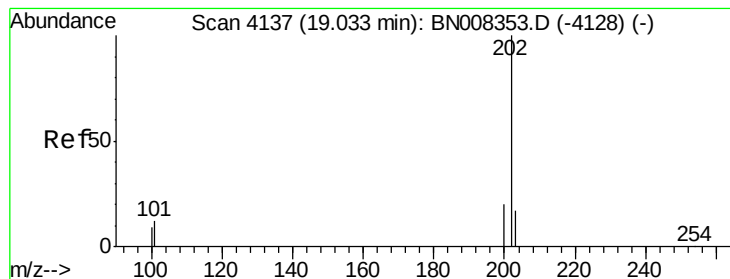
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#13
Anthracene
Concen: 0.162 ng/ul
RT: 17.10 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.6
176	19.9	15.0	22.6





#15

Fluoranthene

Concen: 0.573 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN008360.D

Acq: 23 Oct 2019 21:31

Instrument :

BNA_N

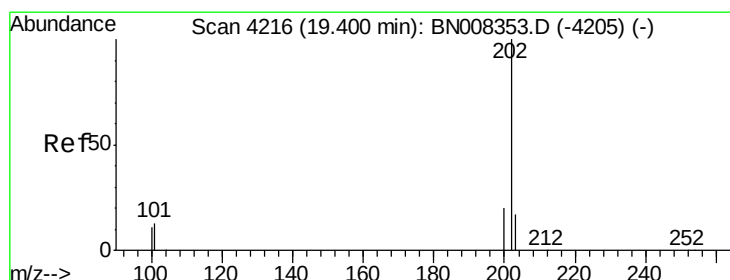
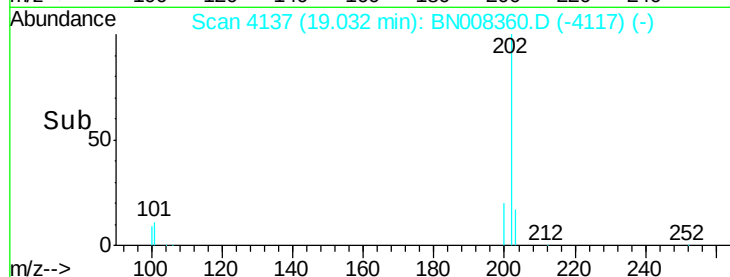
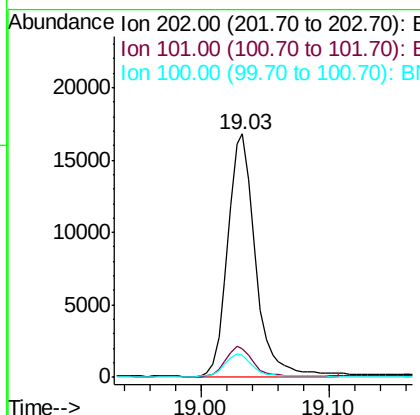
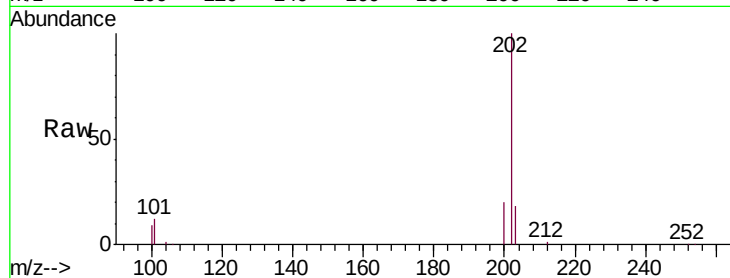
ClientSampleId :

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Tgt Ion:	202	Resp:	25092
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.2
100	8.9	0.0	28.5

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#17

Pyrene

Concen: 0.622 ng/ul

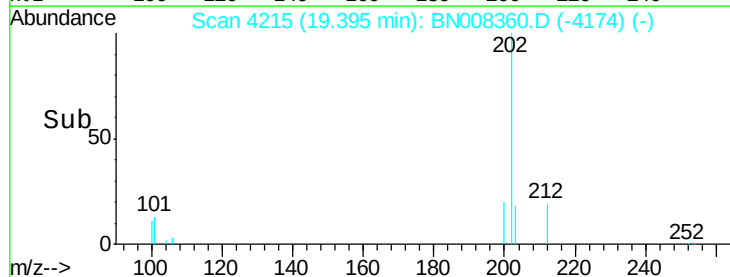
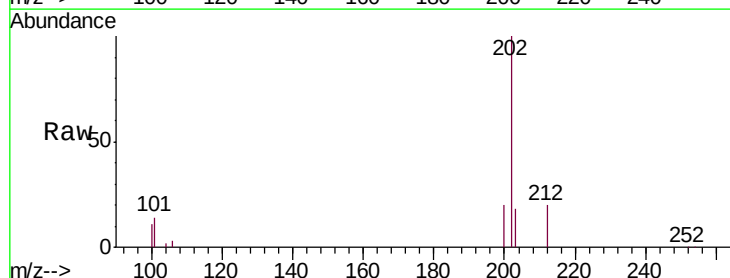
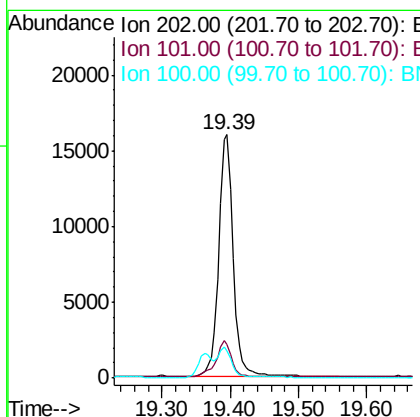
RT: 19.39 min Scan# 4215

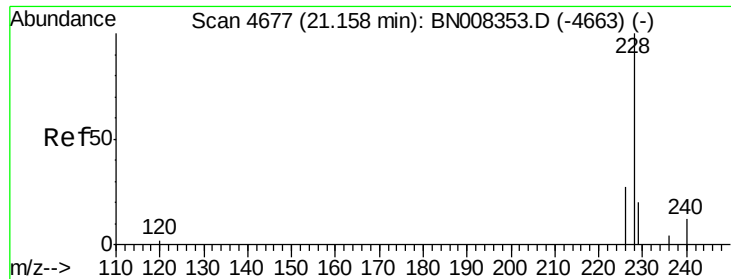
Delta R.T. -0.01 min

Lab File: BN008360.D

Acq: 23 Oct 2019 21:31

Tgt Ion:	202	Resp:	23921
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.9	16.3
100	11.3	8.7	13.1





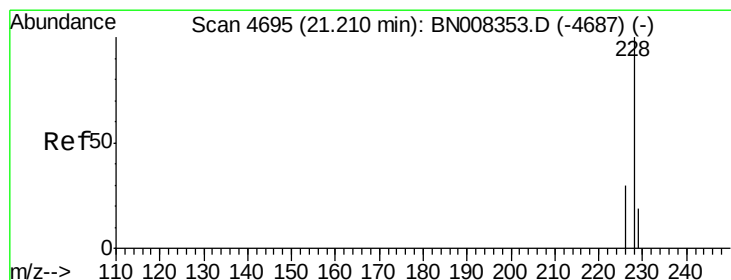
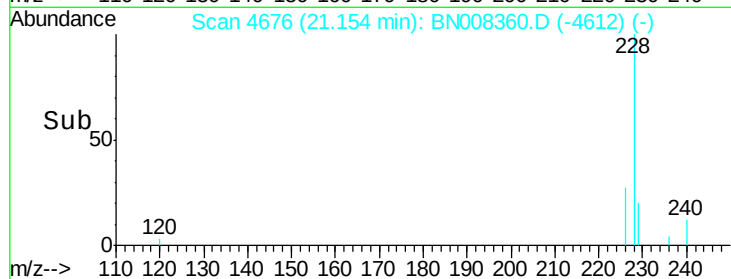
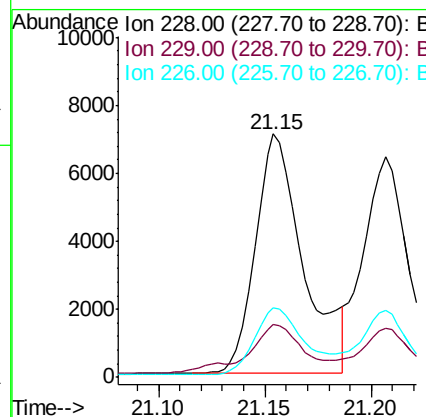
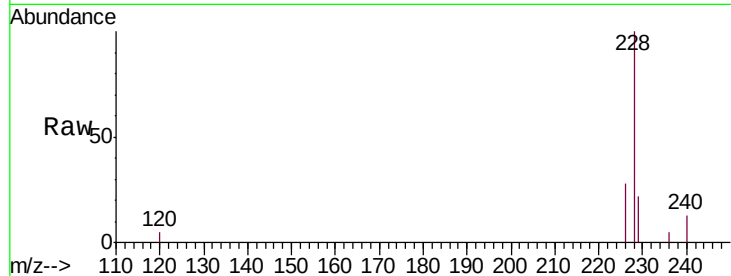
#18
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Instrument :
BNA_N
ClientSampleId :
BEPE0DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	28.4	21.4	32.0

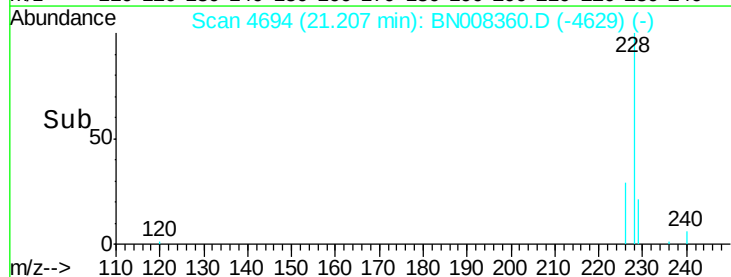
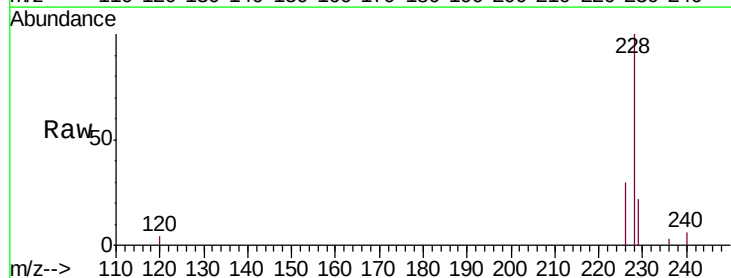
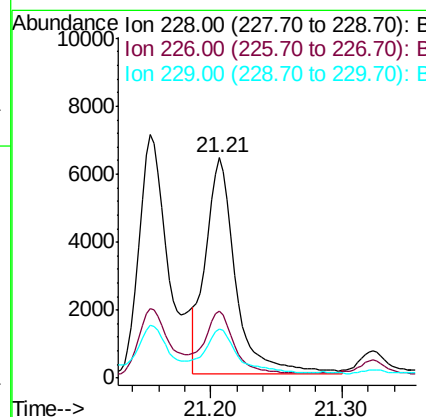
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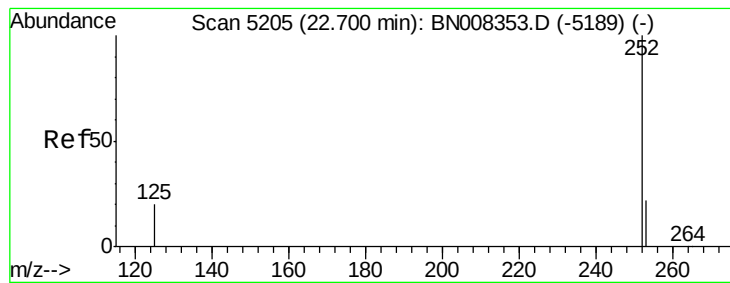
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#19
Chrysene
Concen: 0.235 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	22.3	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 0.400 ng/ul m

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008360.D

Acq: 23 Oct 2019 21:31

Instrument :

BNA_N

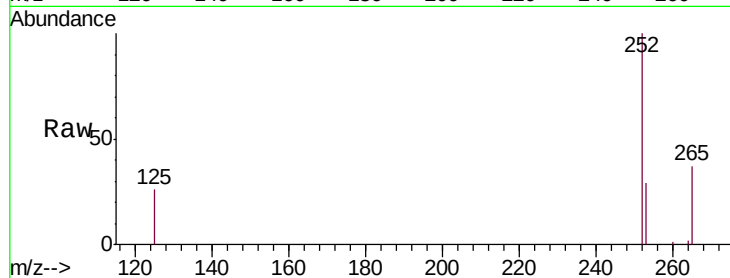
ClientSampleId :

BEPE0DL

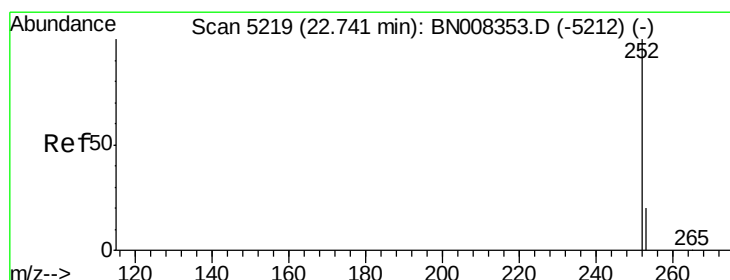
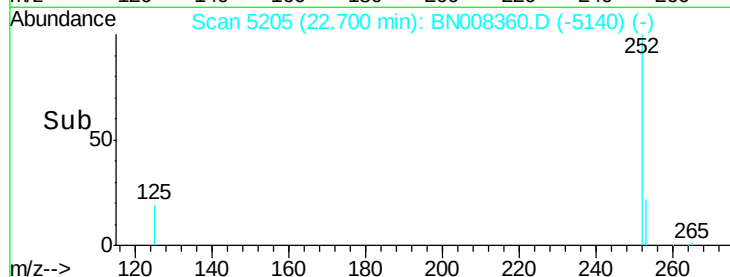
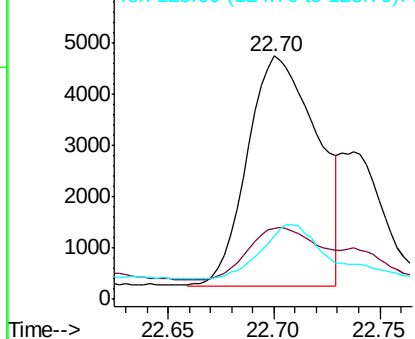
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	10250		
253	28.8	0.0	53.4	
125	26.1	0.0	32.4	

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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



#22

Benzo(k)fluoranthene

Concen: 0.113 ng/ul m

RT: 22.74 min Scan# 5218

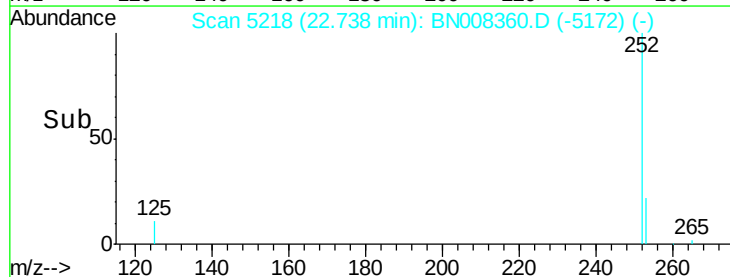
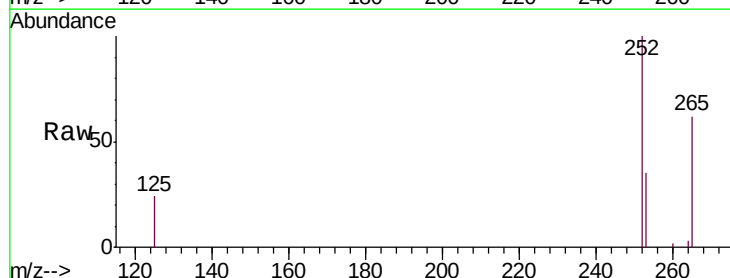
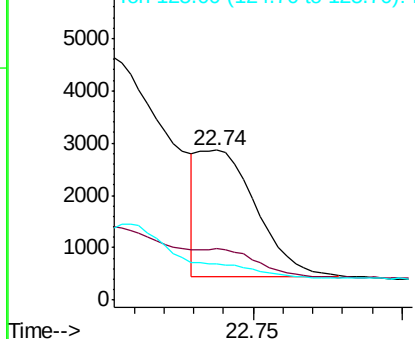
Delta R.T. -0.01 min

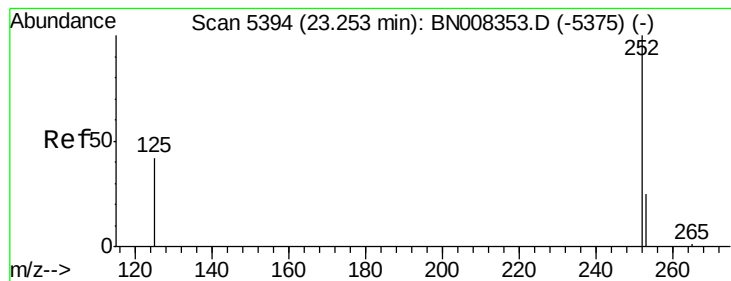
Lab File: BN008360.D

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3292		
253	34.7	21.3	31.9#	
125	23.8	12.3	18.5#	

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





#23

Benzo(a)pyrene

Concen: 0.269 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. -0.01 min

Lab File: BN008360.D

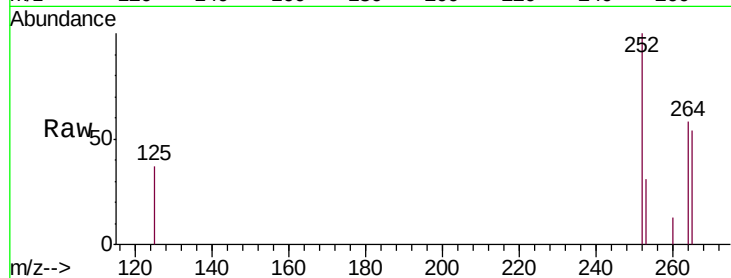
Acq: 23 Oct 2019 21:31

Instrument :

BNA_N

ClientSampleId :

BEPE0DL



Tgt Ion: 252 Resp: 7258

Ion Ratio Lower Upper

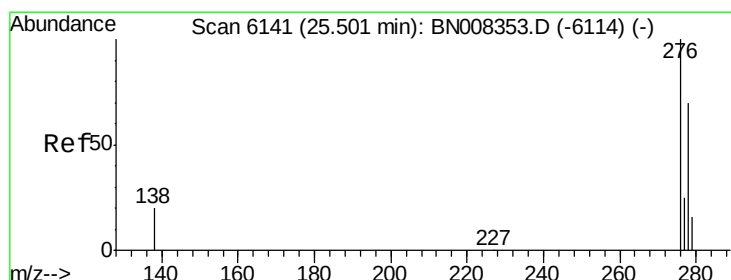
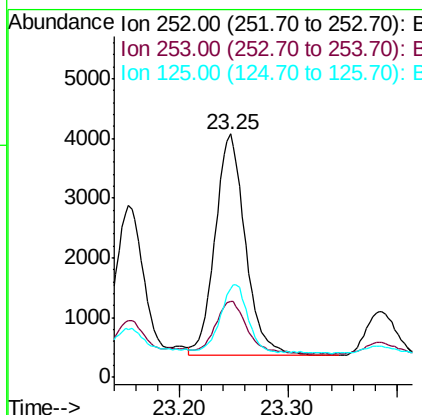
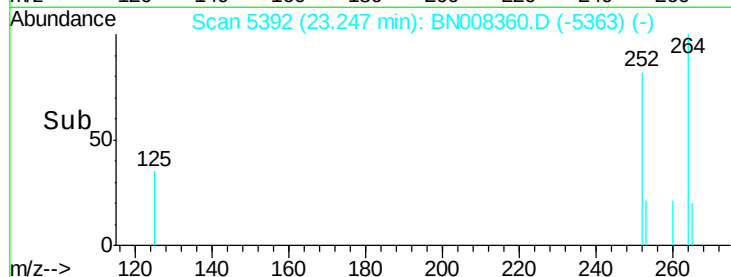
252 100

253 31.3 22.8 34.2

125 36.6 18.4 27.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.120 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.02 min

Lab File: BN008360.D

Acq: 23 Oct 2019 21:31

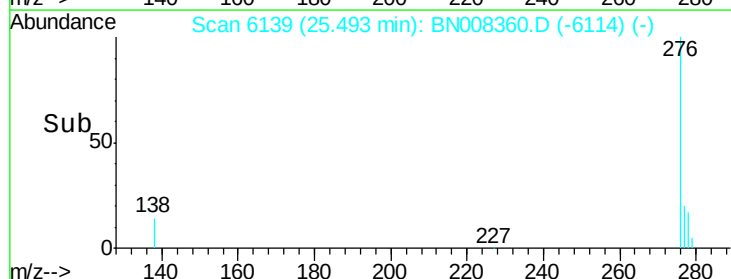
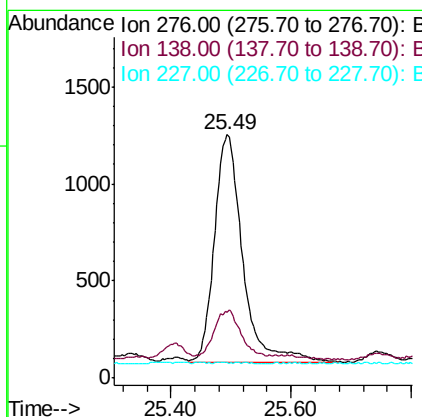
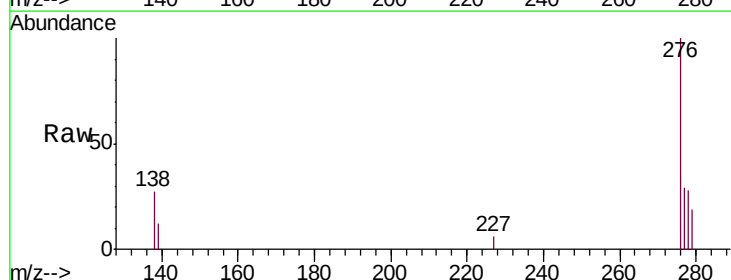
Tgt Ion: 276 Resp: 3804

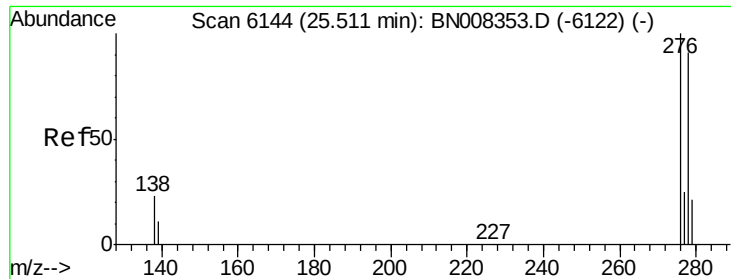
Ion Ratio Lower Upper

276 100

138 18.1 16.1 24.1

227 0.1 0.2 0.2#





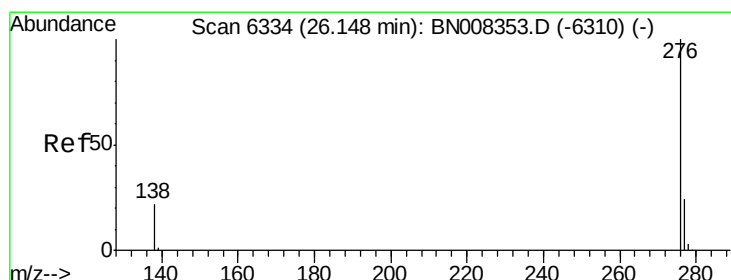
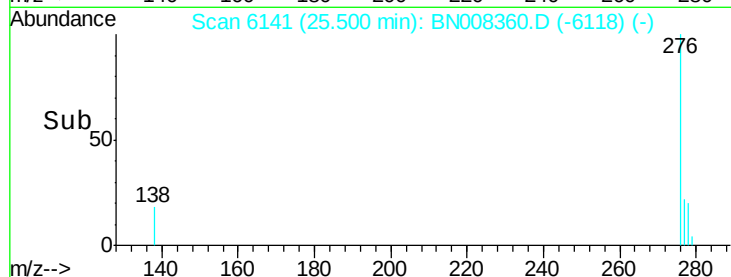
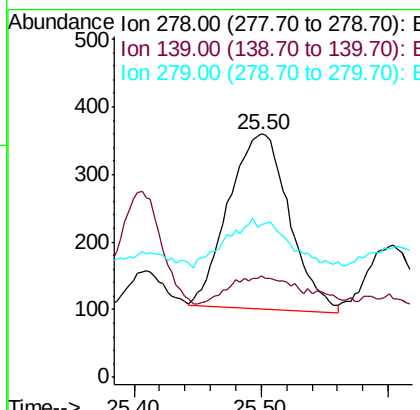
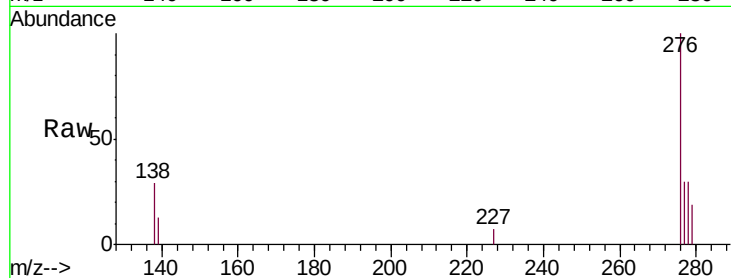
#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Instrument :
BNA_N
ClientSampleId :
BEPE0DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.7	15.0	22.6#
279	62.8	22.4	33.6#

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:59 AM



#26
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 26.15 min Scan# 6334
Delta R.T. -0.02 min
Lab File: BN008360.D
Acq: 23 Oct 2019 21:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	17.0	25.4#
277	29.8	20.4	30.6

