

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008232.D
 Acq On : 17 Oct 2019 21:46
 Operator : JU
 Sample : K5177-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2

Manual Integrations
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mohammad

Quant Time: Oct 18 03:50:34 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3005	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14420	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9037	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19388m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	12771	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11393	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4487	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	11537	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	9426	0.230	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	6398	0.227	ng/ul	98
7) Acenaphthylene	13.95	152	24609	0.572	ng/ul	100
8) Acenaphthene	14.30	153	10017	0.299	ng/ul	100
9) Fluorene	15.29	166	12559	0.330	ng/ul#	96
11) Pentachlorophenol	16.65	266	391	0.083	ng/ul	96
12) Phenanthrene	17.03	178	296729	5.227	ng/ul	99
13) Anthracene	17.12	178	58630	1.174	ng/ul	99
15) Fluoranthene	19.05	202	770068	10.272	ng/ul	98
17) Pyrene	19.42	202	767691	15.097	ng/ul	100
18) Benzo(a)anthracene	21.17	228	368317	7.933	ng/ul	98
19) Chrysene	21.22	228	408779	7.174	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	439155m	11.841	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	150099m	3.573	ng/ul	
23) Benzo(a)pyrene	23.28	252	323917	8.300	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.54	276	222230	4.835	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.54	278	58103	1.599	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	219986	5.219	ng/ul	98

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

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ALS Vial : 20 Sample Multiplier: 1

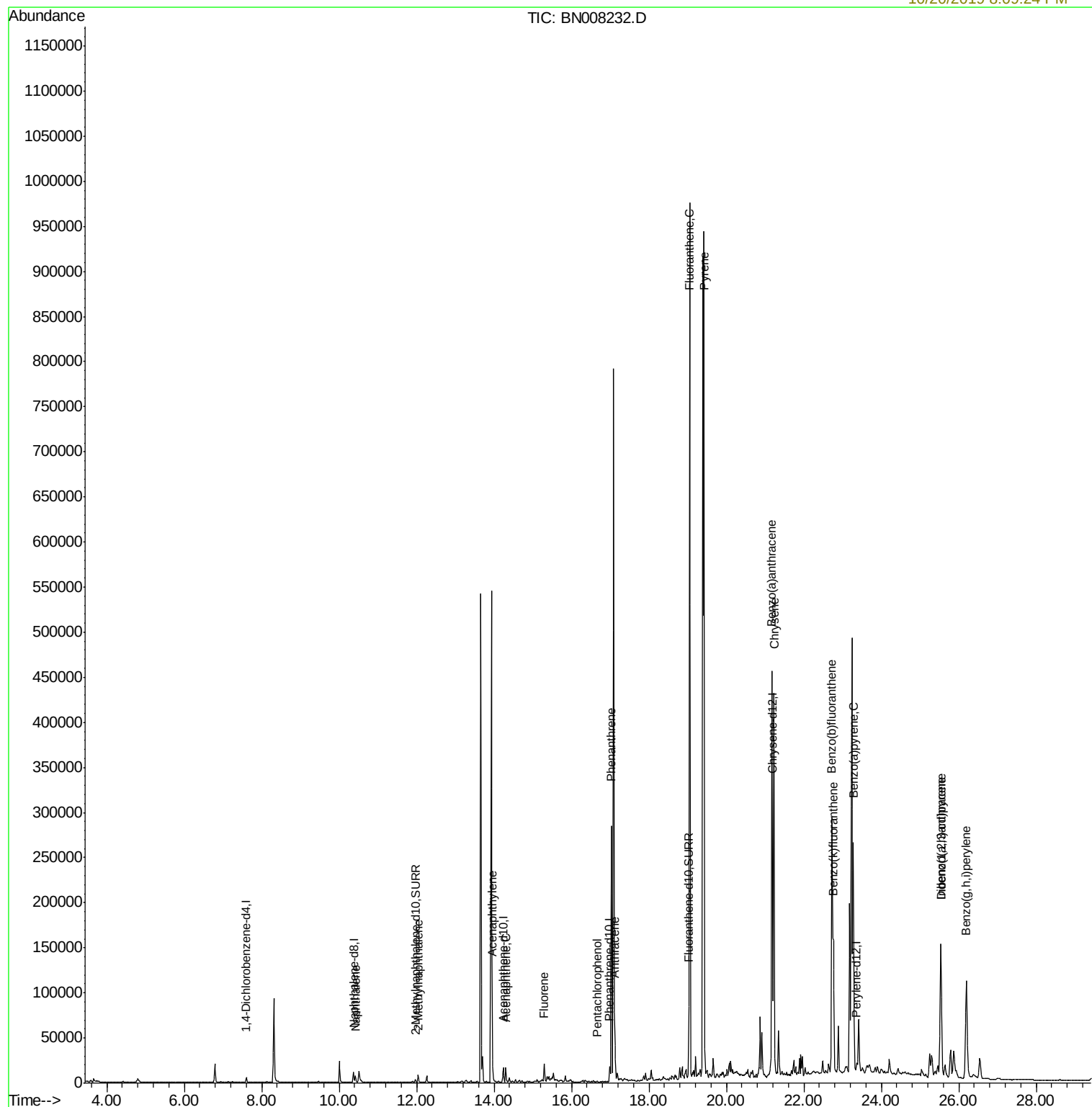
Instrument :
BNA_N
ClientSampleId :
BEP A2

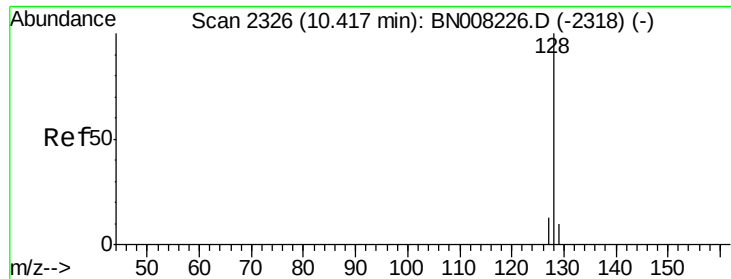
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Quant Time: Oct 18 03:50:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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#3

Naphthalene

Concen: 0.230 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

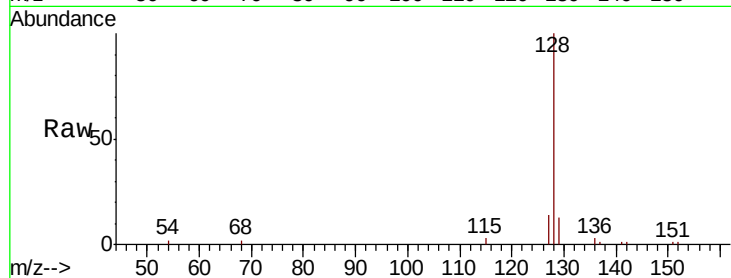
ClientSampleId :

BEPA2

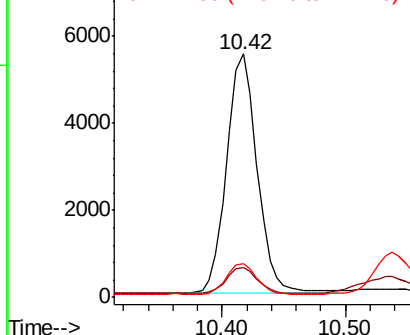
Tot Ion:	128	Resp:	9426
Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.8
127	14.0	11.1	16.7

Manual Integrations
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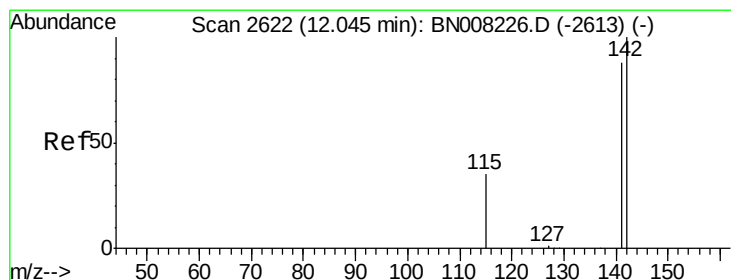
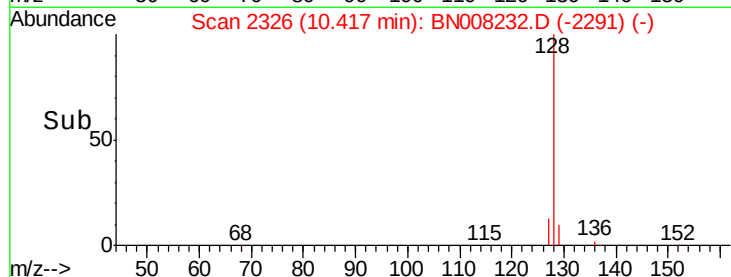
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#5

2-Methylnaphthalene

Concen: 0.227 ng/ul

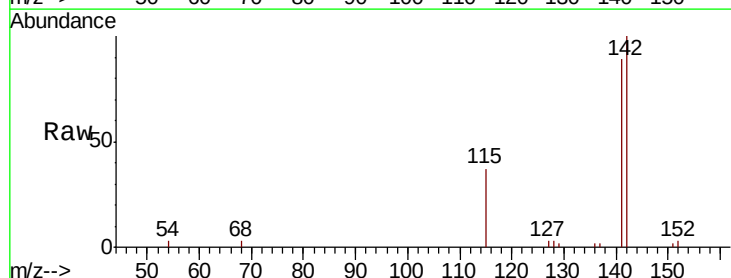
RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

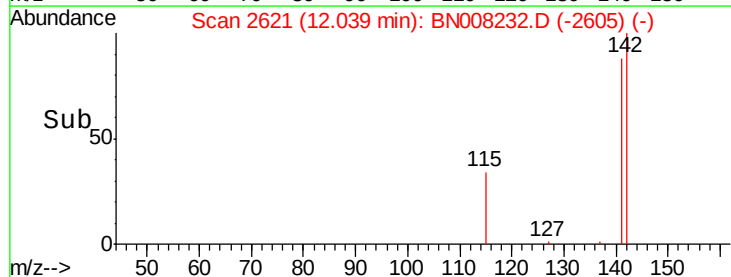
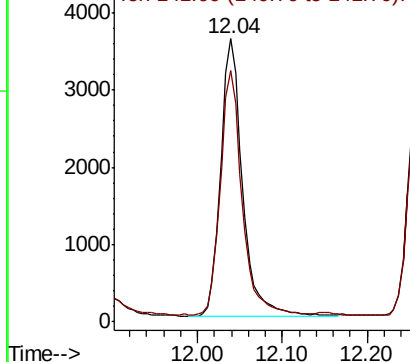
Lab File: BN008232.D

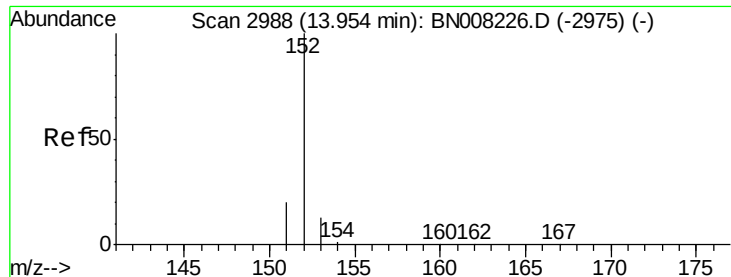
Acq: 17 Oct 2019 21:46

Tgt Ion:	142	Resp:	6398
Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.572 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

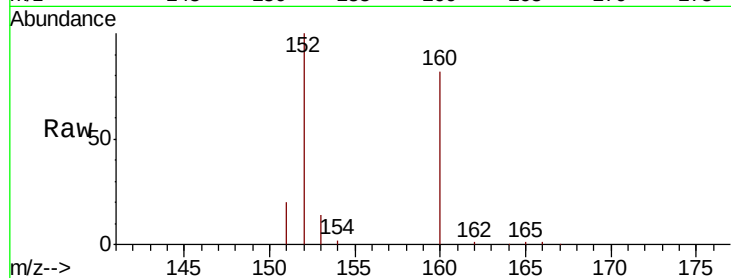
ClientSampleId :

BEPA2

Tot Ion:	152	Resp:	24609
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	14.1	11.0	16.4

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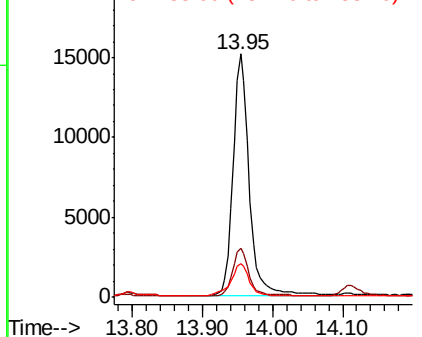


Abundance

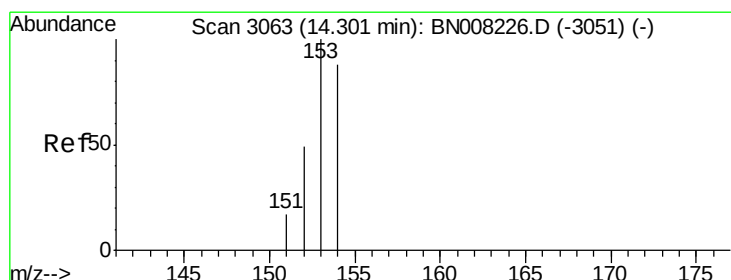
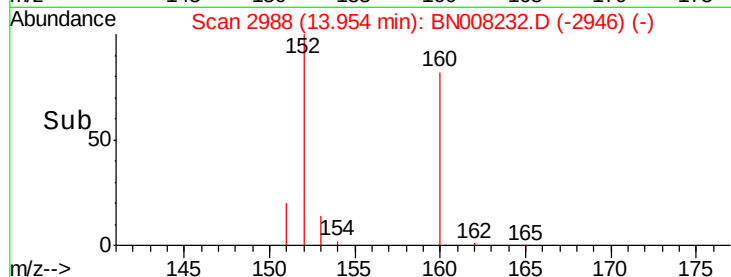
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



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#8

Acenaphthene

Concen: 0.299 ng/ul

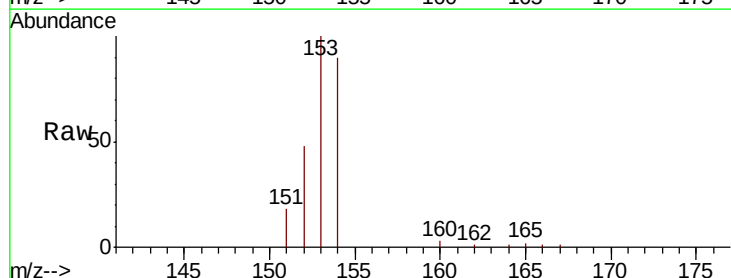
RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Tgt Ion:	153	Resp:	10017
Ion Ratio	Lower	Upper	
153	100		
152	48.1	38.2	57.2
154	90.1	71.8	107.8

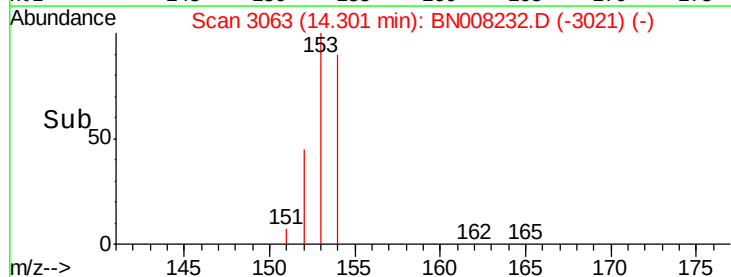
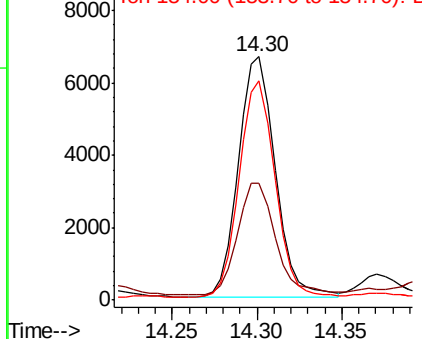


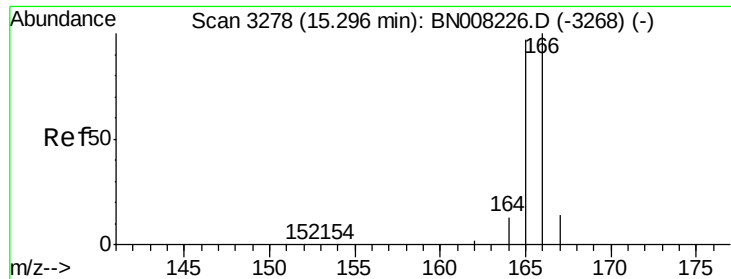
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





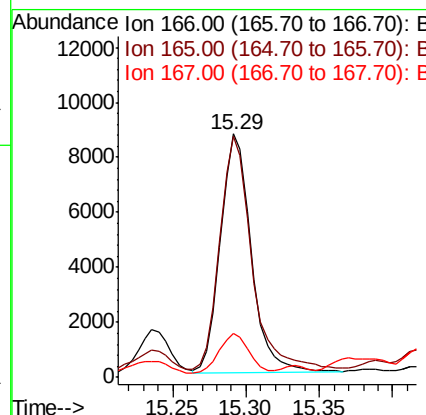
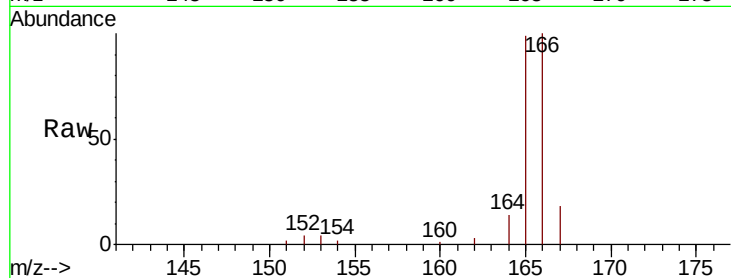
#9
Fluorene
 Concen: 0.330 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008232.D
 Acq: 17 Oct 2019 21:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2

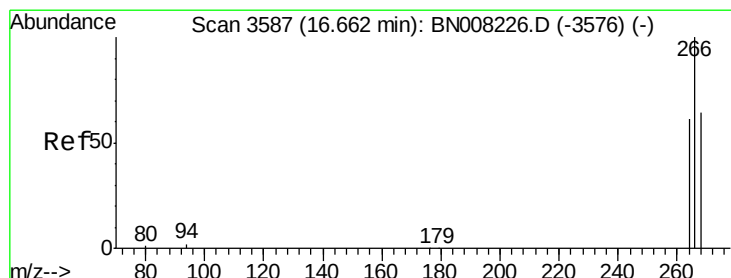
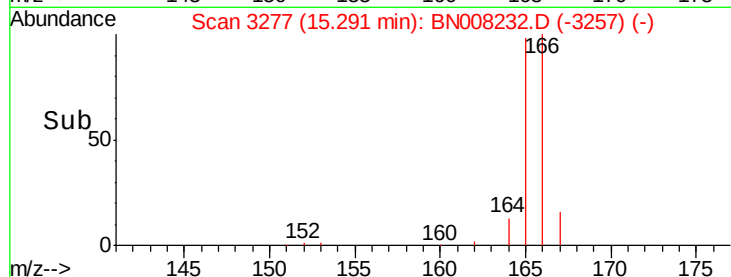
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.6	115.0
167	17.9	11.7	17.5

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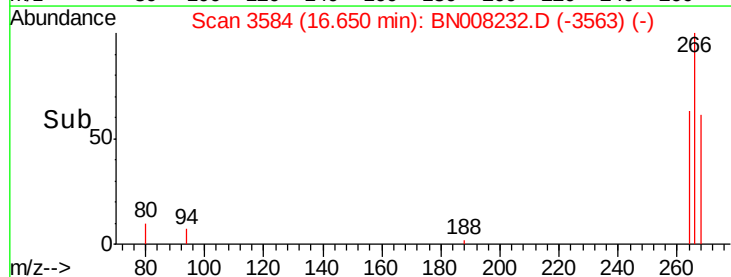
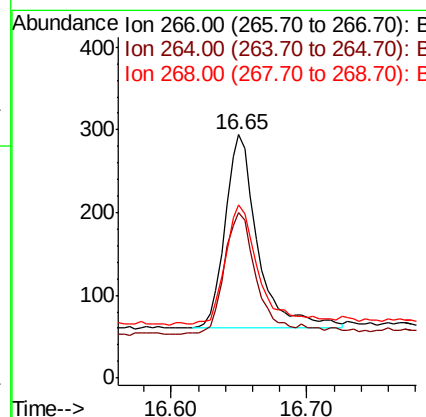
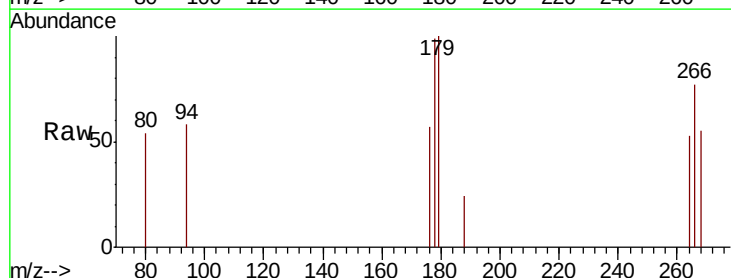


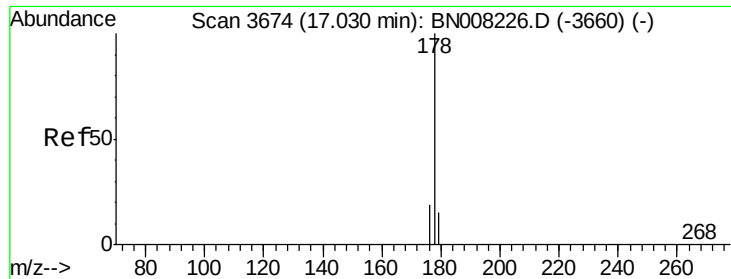
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#11
Pentachlorophenol
 Concen: 0.083 ng/ul
 RT: 16.65 min Scan# 3584
 Delta R.T. -0.01 min
 Lab File: BN008232.D
 Acq: 17 Oct 2019 21:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.2	50.1	75.1
268	61.6	51.9	77.9





#12

Phenanthrene

Concen: 5.227 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

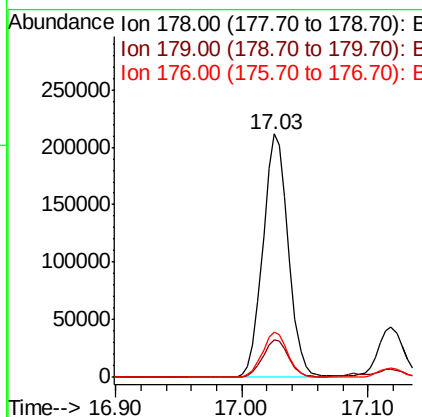
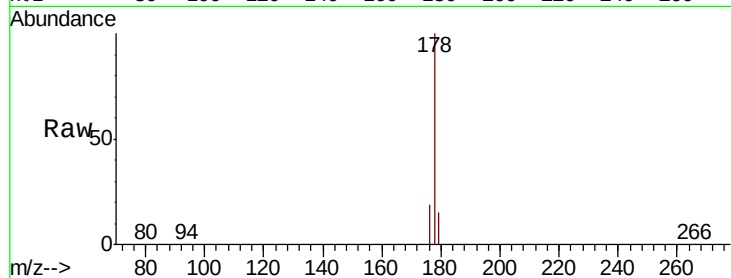
ClientSampled :

BEPA2

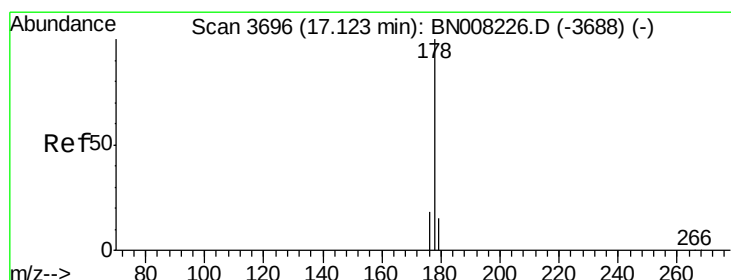
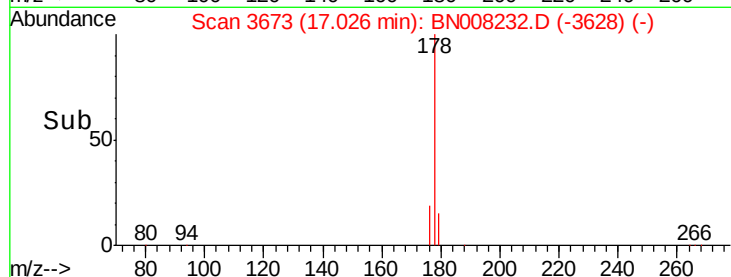
Tot Ion:178	Resp:	296729
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.8 19.2
176	18.8	15.4 23.2

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#13

Anthracene

Concen: 1.174 ng/ul

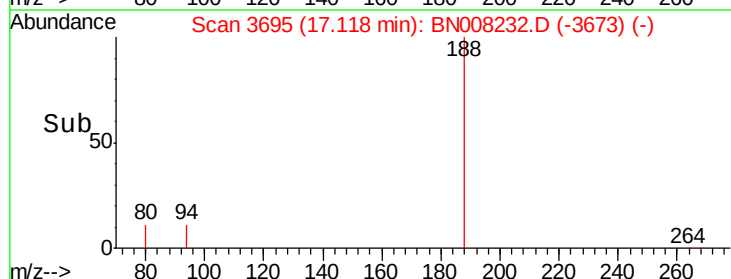
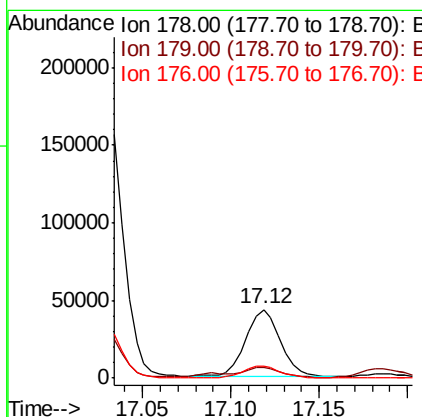
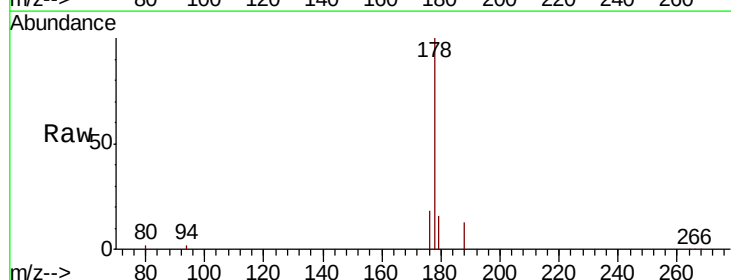
RT: 17.12 min Scan# 3695

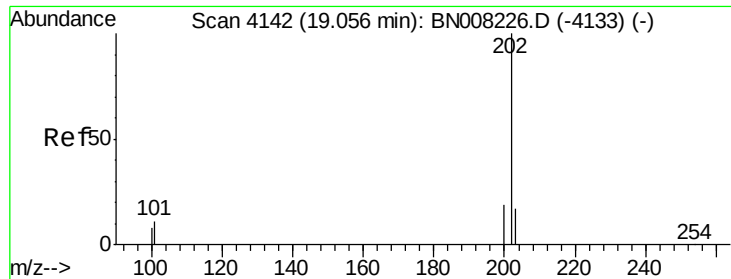
Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Tgt Ion:178	Resp:	58630
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.0 19.6
176	18.2	15.0 22.6





#15

Fluoranthene

Concen: 10.272 ng/ul

RT: 19.05 min Scan# 4141

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

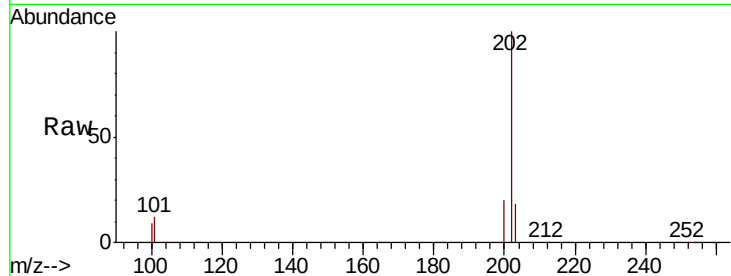
ClientSampleId :

BEPA2

Tot Ion:	202	Resp:	770068
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.2
100	9.0	0.0	28.5

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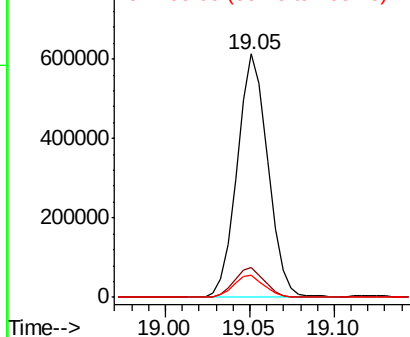


Abundance

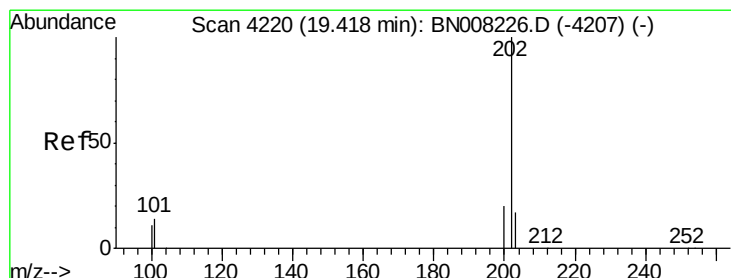
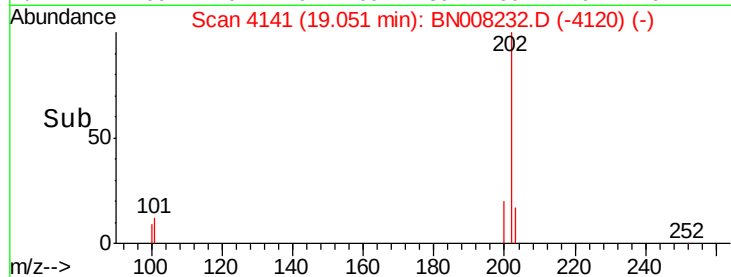
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



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#17

Pyrene

Concen: 15.097 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

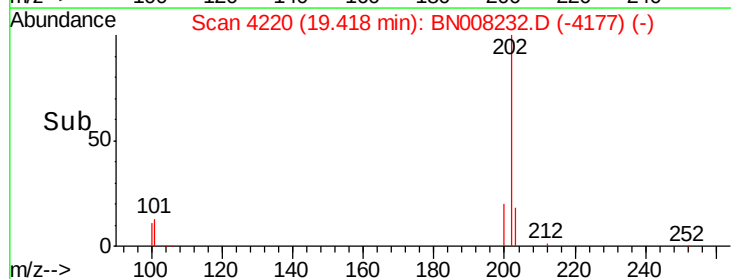
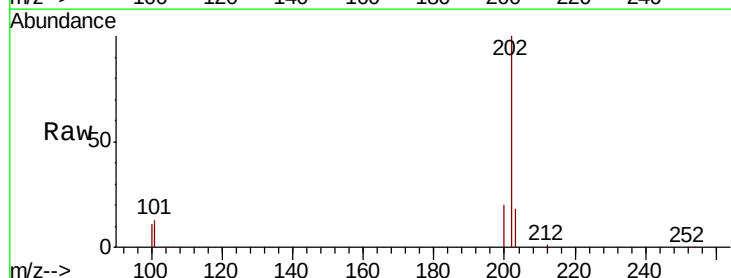
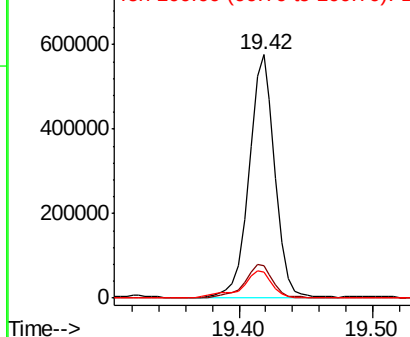
Tgt Ion:	202	Resp:	767691
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.9	16.3
100	10.8	8.7	13.1

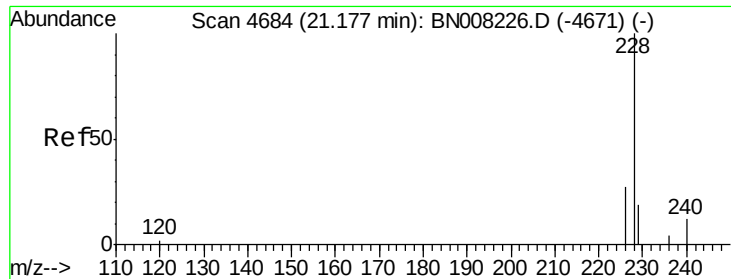
Abundance

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





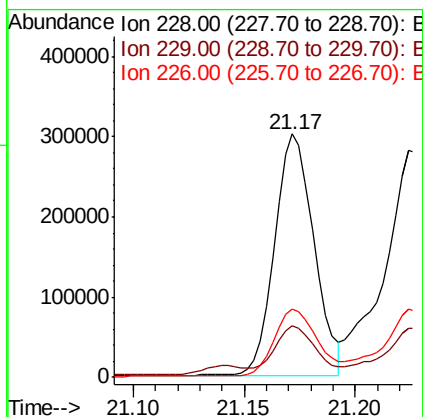
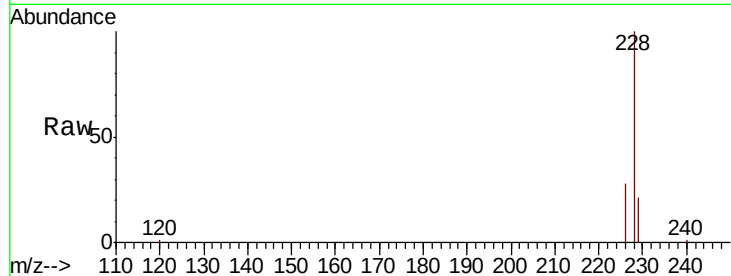
#18
Benzo(a)anthracene
Concen: 7.933 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008232.D
Acq: 17 Oct 2019 21:46

Instrument :
BNA_N
ClientSampleId :
BEPA2

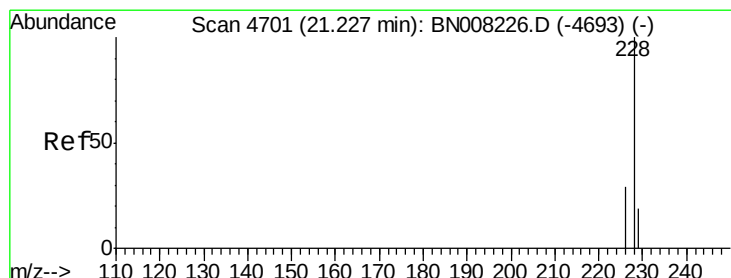
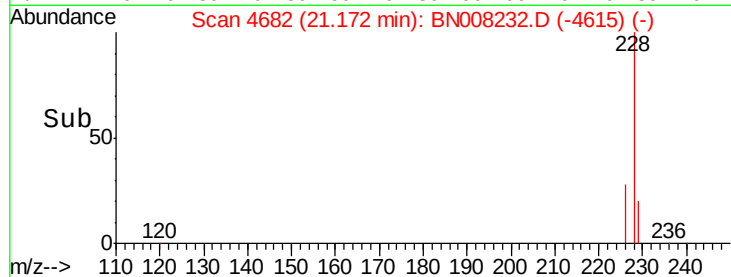
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.2	21.4	32.0

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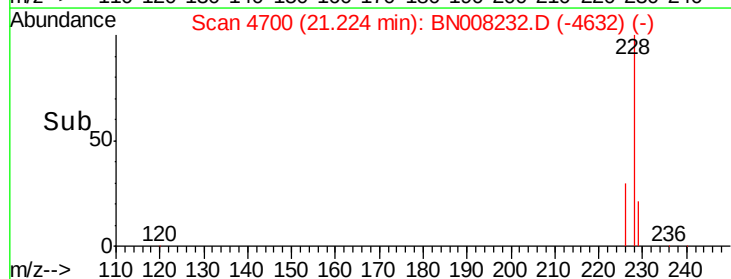
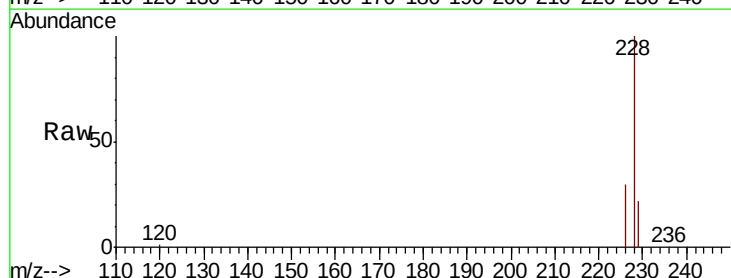
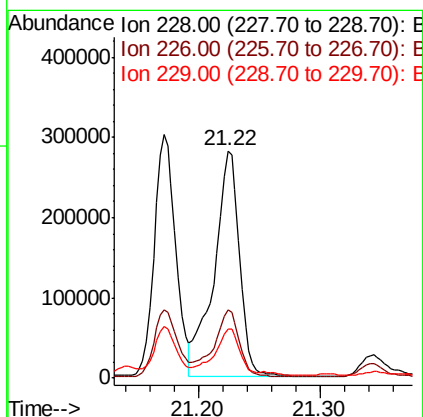


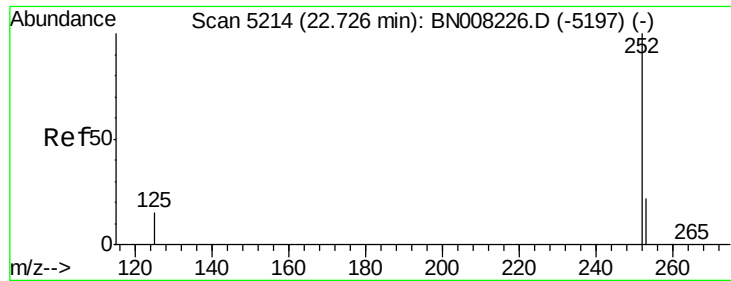
10/20/2019 8:09:24 PM



#19
Chrysene
Concen: 7.174 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008232.D
Acq: 17 Oct 2019 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.6	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 11.841 ng/ul m

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

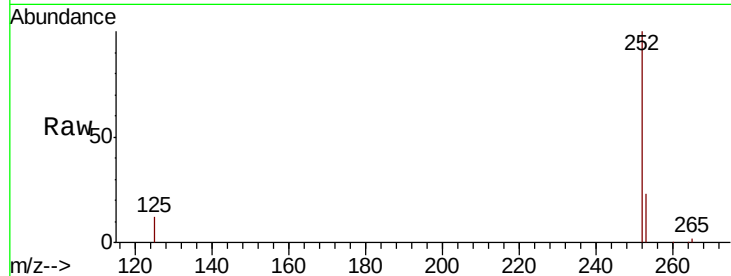
ClientSampled :

BEPA2

Tot Ion:	252	Resp:	439155
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	53.4
125	11.9	0.0	32.4

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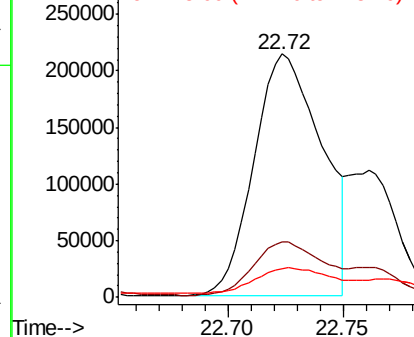


Abundance

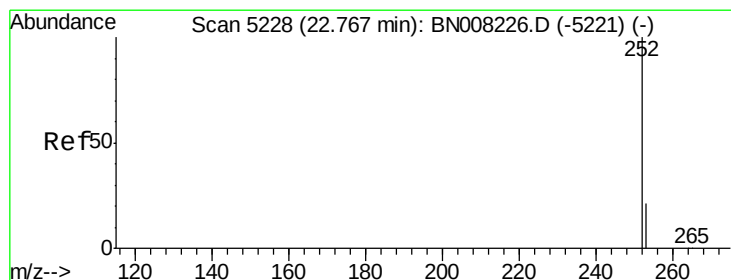
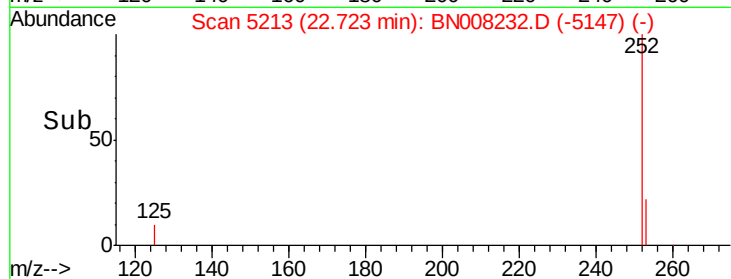
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#22

Benzo(k)fluoranthene

Concen: 3.573 ng/ul m

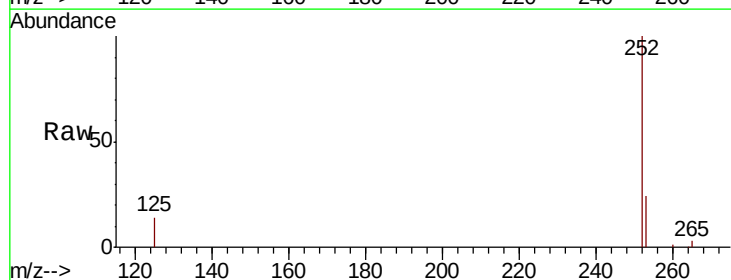
RT: 22.76 min Scan# 5226

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Tgt Ion:	252	Resp:	150099
Ion Ratio	Lower	Upper	
252	100		
253	23.9	21.3	31.9
125	13.9	12.3	18.5

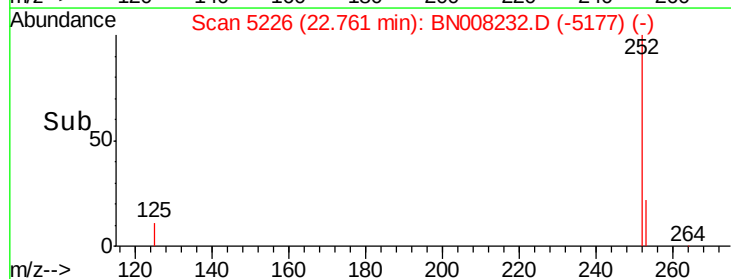
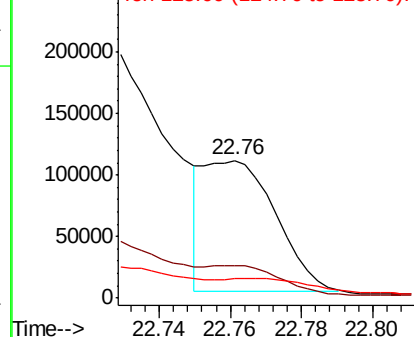


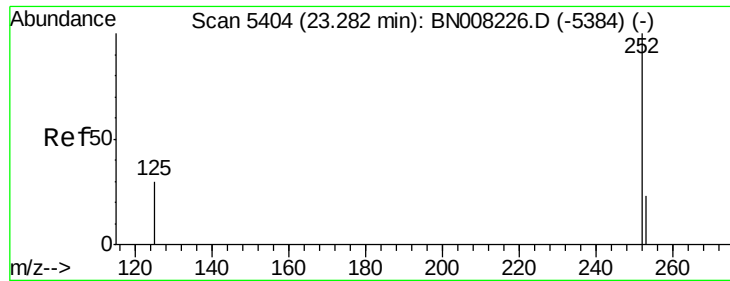
Abundance

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: 8.300 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

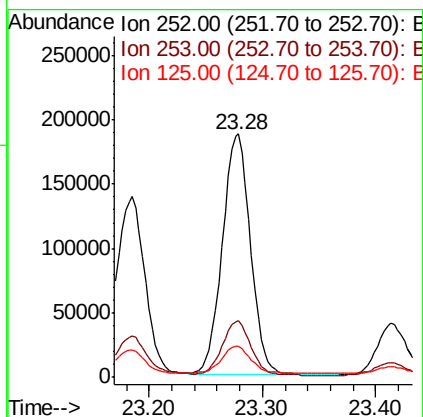
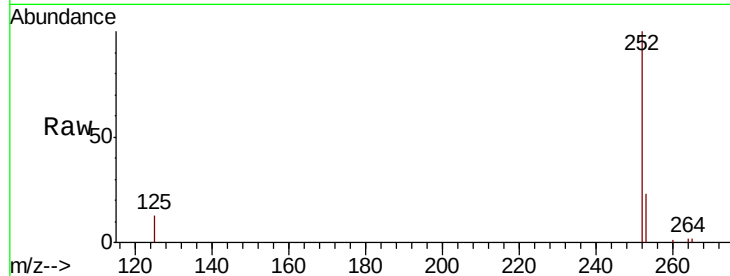
ClientSampleId :

BEP2

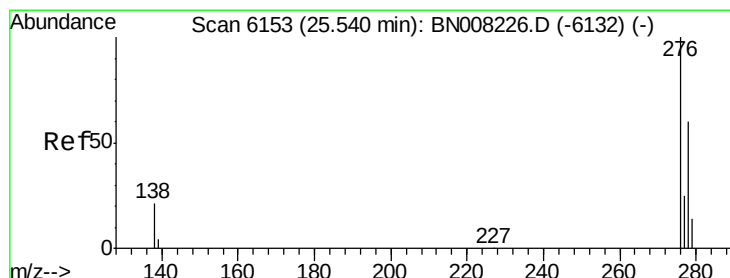
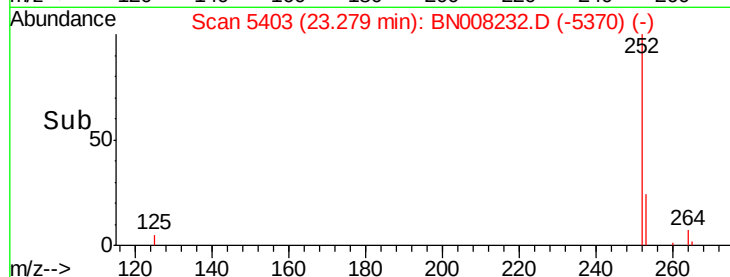
Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		323917		
253	23.1	22.8	34.2		
125	12.7	18.4	27.6#		

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 4.835 ng/ul

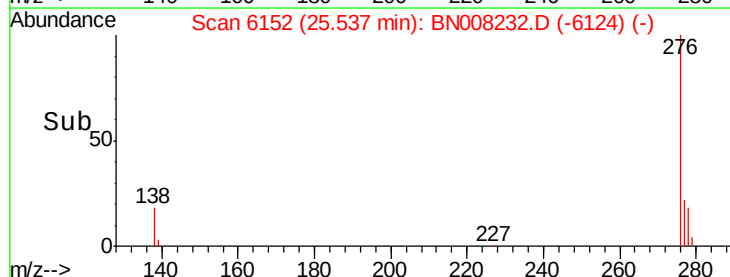
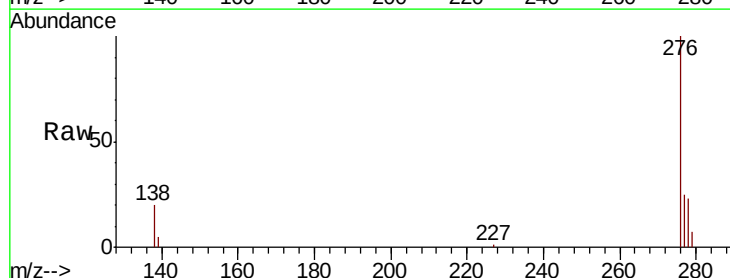
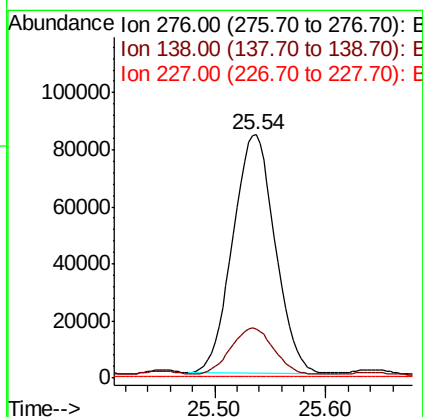
RT: 25.54 min Scan# 6152

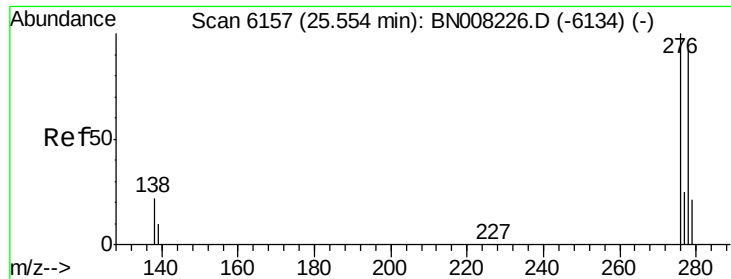
Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		222230		
138	19.6	16.1	24.1		
227	0.3	0.2	0.2#		





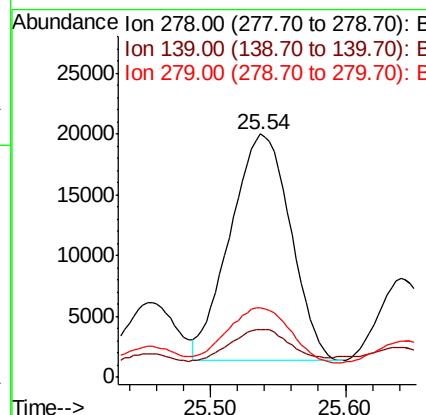
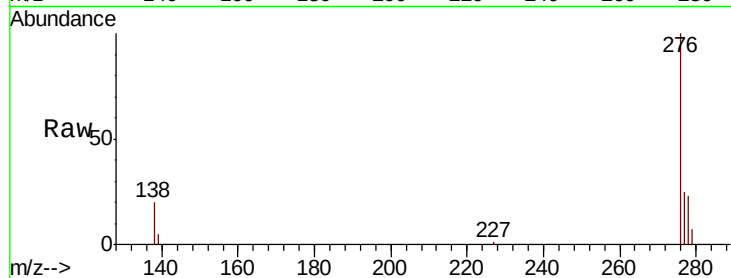
#25
Dibenzo(a,h)anthracene
Concen: 1.599 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.02 min
Lab File: BN008232.D
Acq: 17 Oct 2019 21:46

Instrument :
BNA_N
ClientSampleId :
BEP2

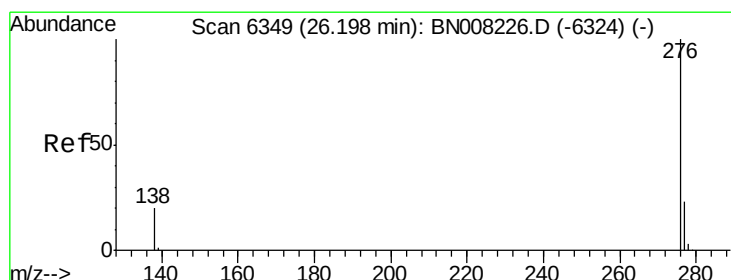
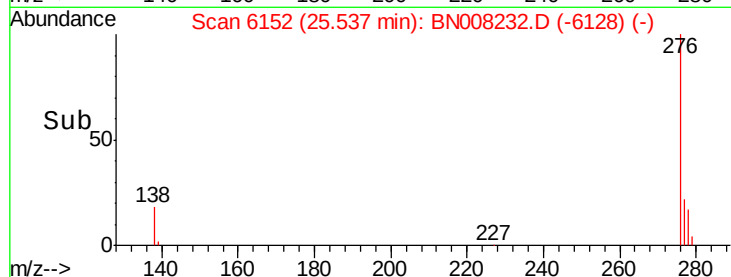
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.0	22.6
279	28.8	22.4	33.6

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 5.219 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. -0.01 min
Lab File: BN008232.D
Acq: 17 Oct 2019 21:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.0	25.4
277	24.2	20.4	30.6

