

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008228.D
 Acq On : 17 Oct 2019 19:22
 Operator : JU
 Sample : K5177-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP99

Manual Integrations
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Quant Time: Oct 18 03:00:49 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14630	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9199	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20196m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15497	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12279	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3554	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10549	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1112	0.027	ng/ul#	83
5) 2-Methylnaphthalene	12.04	142	641	0.022	ng/ul	100
7) Acenaphthylene	13.95	152	2427	0.055	ng/ul#	91
9) Fluorene	15.29	166	991	0.026	ng/ul#	96
12) Phenanthrene	17.03	178	17788	0.301	ng/ul	100
13) Anthracene	17.12	178	3248	0.062	ng/ul#	94
15) Fluoranthene	19.05	202	44438	0.569	ng/ul	97
17) Pyrene	19.41	202	43265	0.701	ng/ul	97
18) Benzo(a)anthracene	21.17	228	20545	0.365	ng/ul	97
19) Chrysene	21.22	228	24678	0.357	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	24800m	0.620	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	7815m	0.173	ng/ul	
23) Benzo(a)pyrene	23.28	252	16569	0.394	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.54	276	11735	0.237	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	2859	0.073	ng/ul#	72
26) Benzo(a,h,i)perylene	26.19	276	10965	0.241	ng/ul	97

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

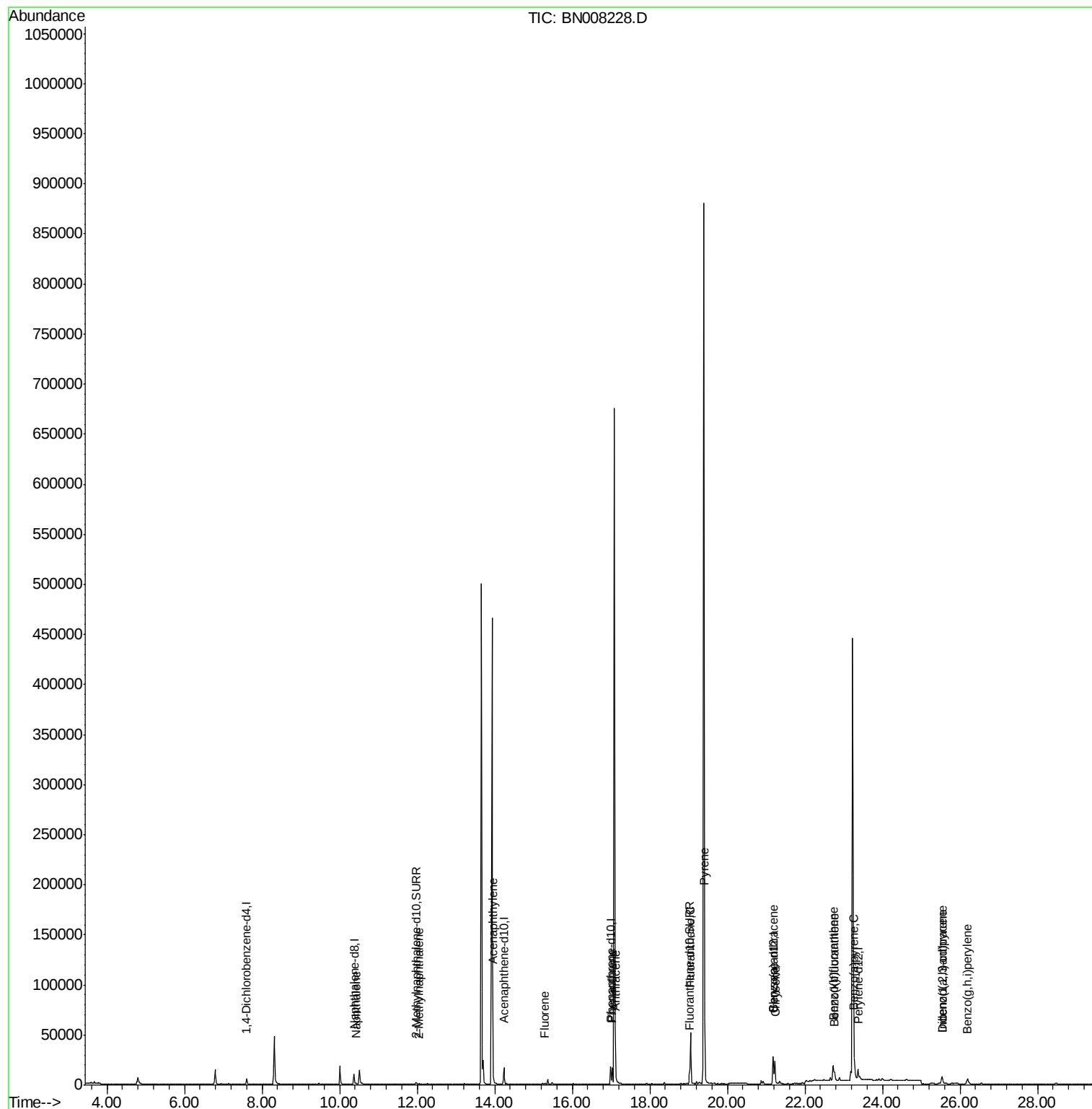
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008228.D
Acq On : 17 Oct 2019 19:22
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Sample : K5177-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

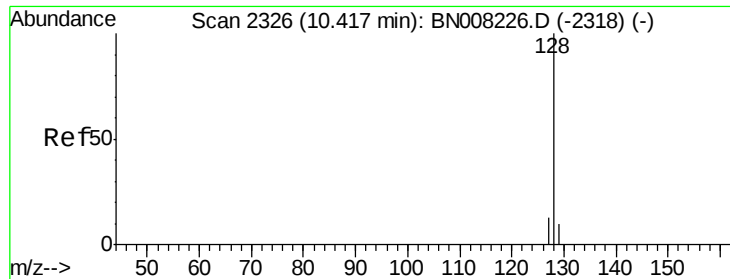
Instrument :
BNA_N
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BEP99

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Quant Time: Oct 18 03:00:49 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





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Instrument :

BNA_N

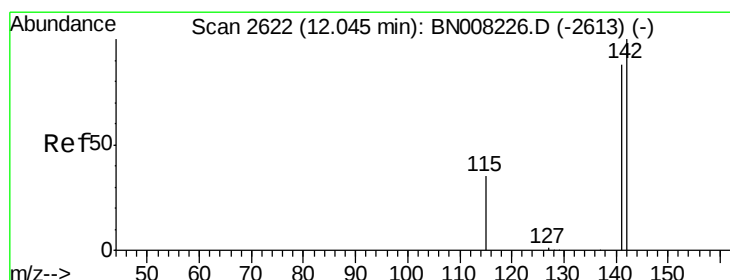
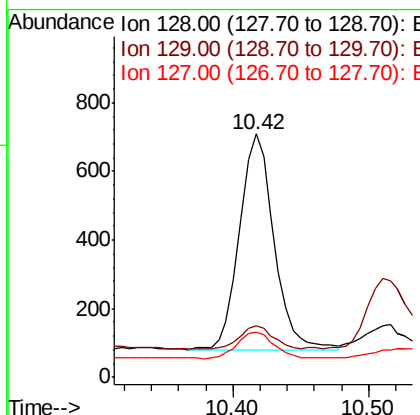
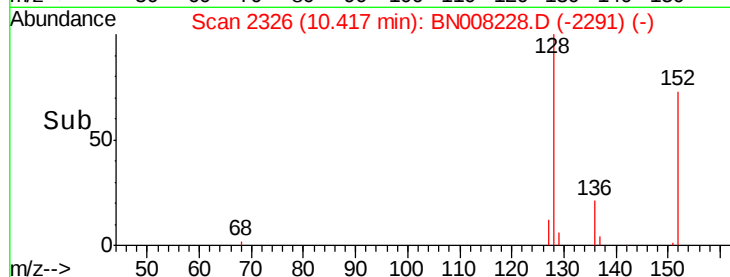
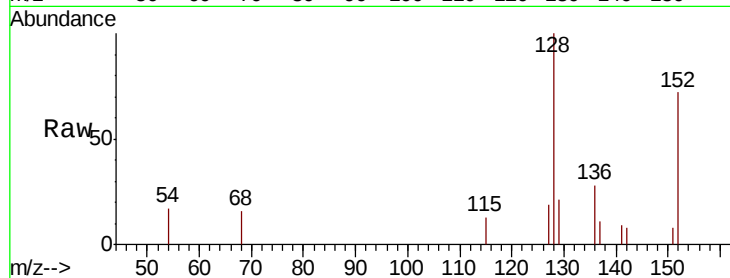
ClientSampled :

BEP99

Tot Ion:	128	Resp:	1112
Ion Ratio	Lower	Upper	
128	100		
129	21.4	9.8	14.8#
127	18.6	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

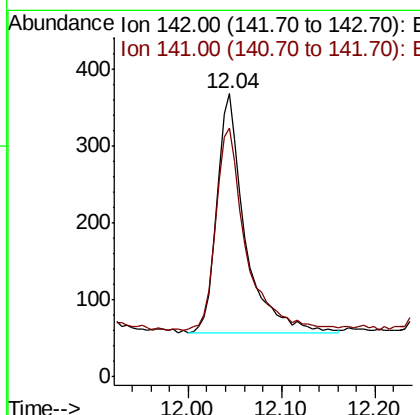
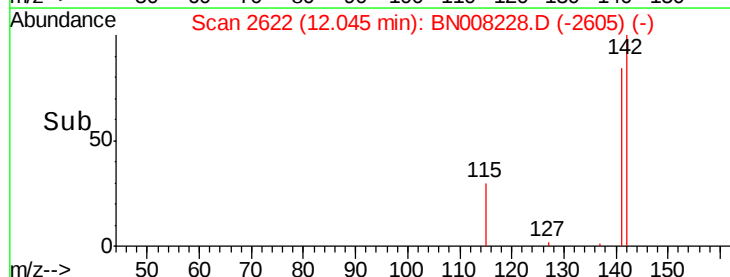
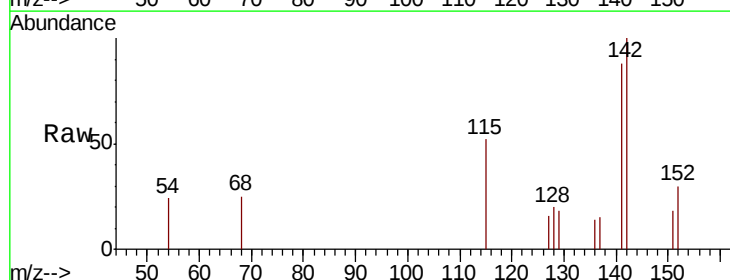
RT: 12.04 min Scan# 2622

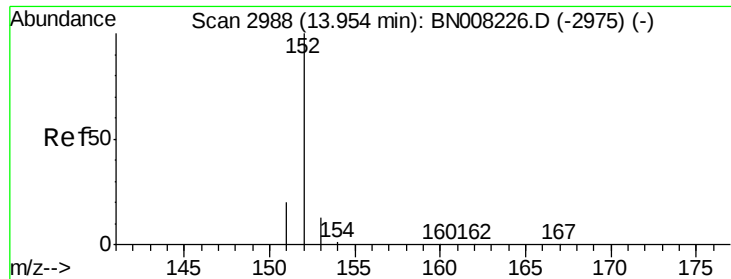
Delta R.T. -0.01 min

Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Tgt Ion:	142	Resp:	641
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.4	107.2





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Instrument :

BNA_N

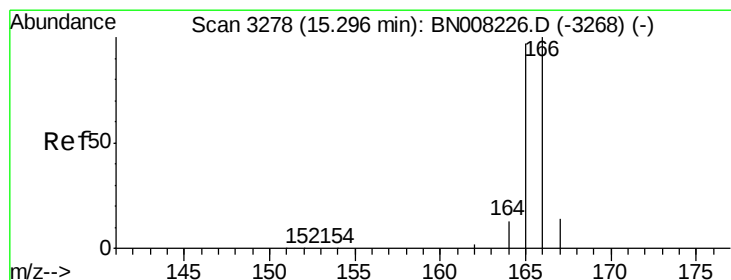
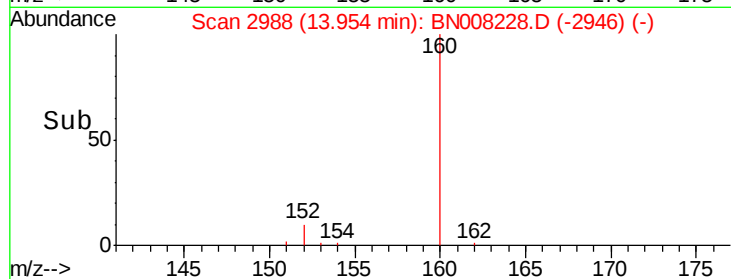
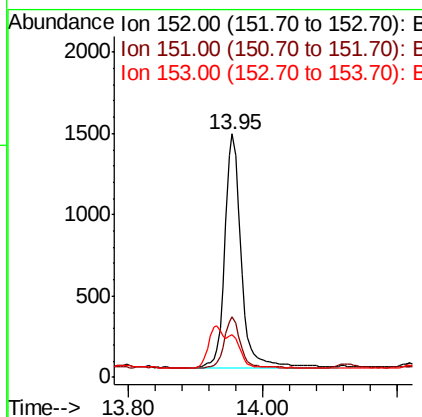
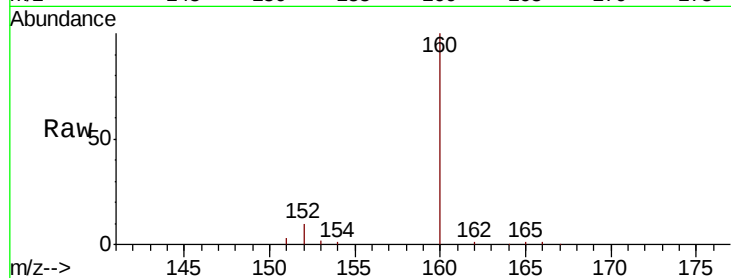
ClientSampleId :

BEP99

Tot Ion:	152	Resp:	2427
Ion Ratio	Lower	Upper	
152	100		
151	24.7	16.2	24.4#
153	17.4	11.0	16.4#

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#9

Fluorene

Concen: 0.026 ng/ul

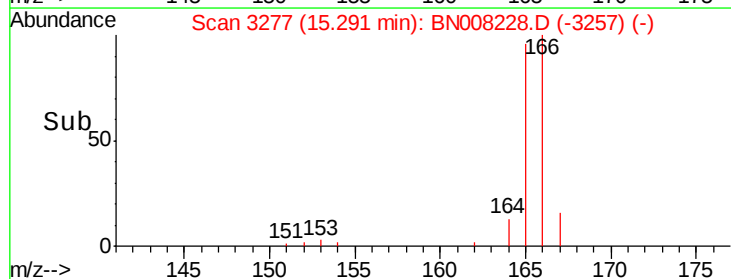
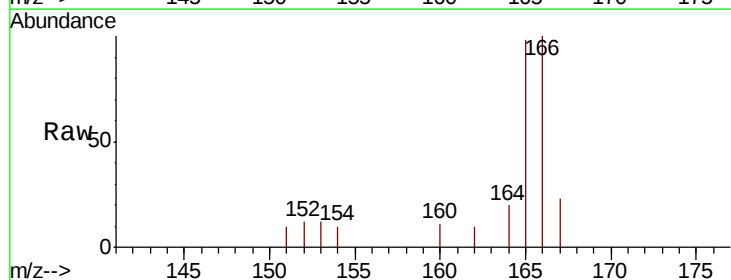
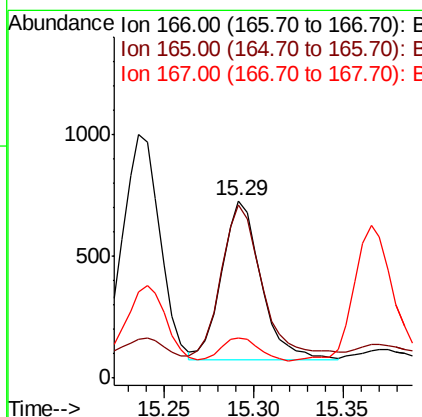
RT: 15.29 min Scan# 3277

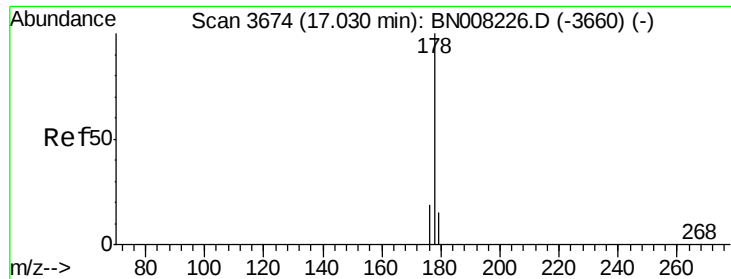
Delta R.T. -0.01 min

Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Tgt Ion:	166	Resp:	991
Ion Ratio	Lower	Upper	
166	100		
165	97.7	76.6	115.0
167	22.9	11.7	17.5#





#12

Phenanthrene

Concen: 0.301 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Instrument :

BNA_N

ClientSampleId :

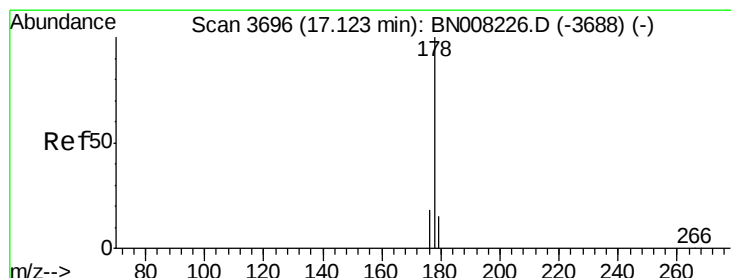
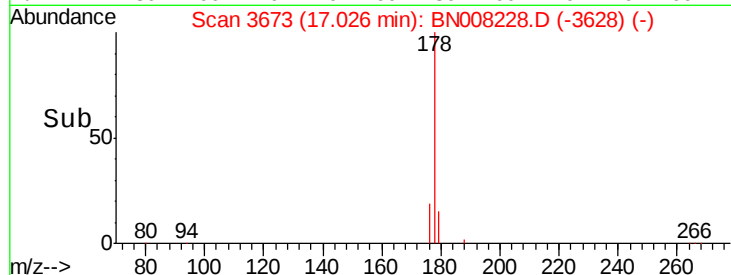
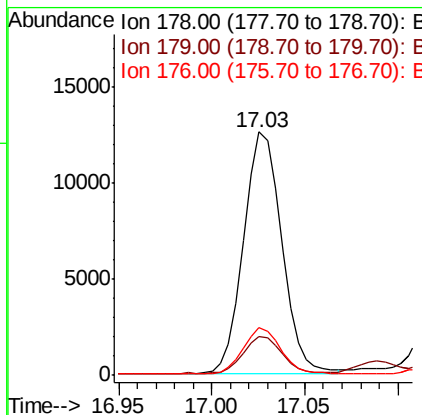
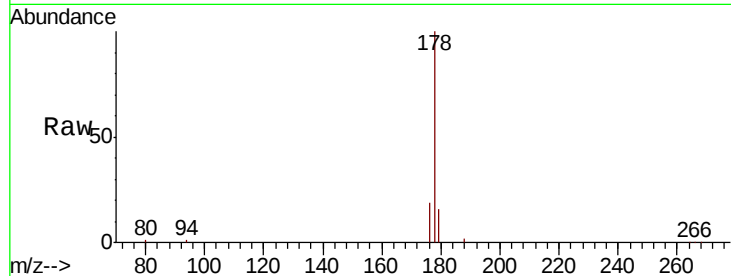
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Tot Ion:178 Resp: 17788

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.4	15.4	23.2

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#13

Anthracene

Concen: 0.062 ng/ul

RT: 17.12 min Scan# 3695

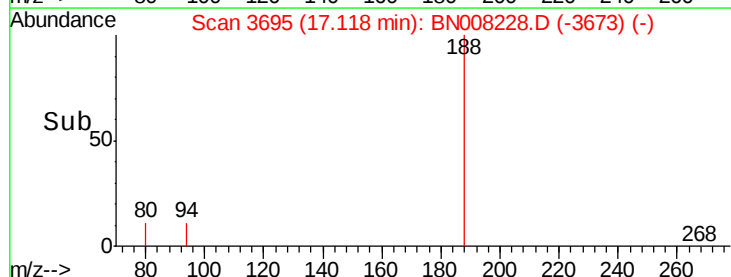
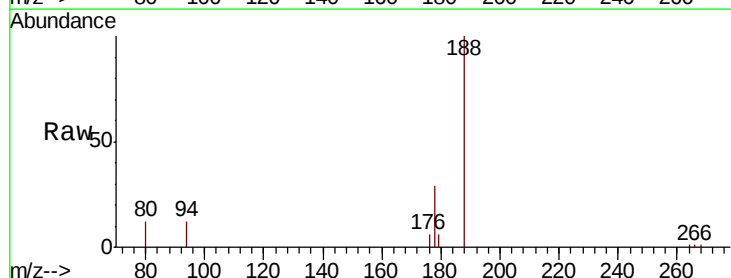
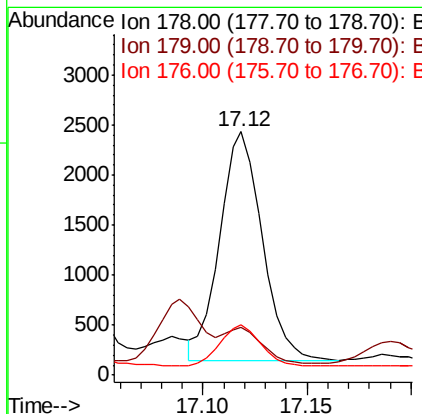
Delta R.T. -0.01 min

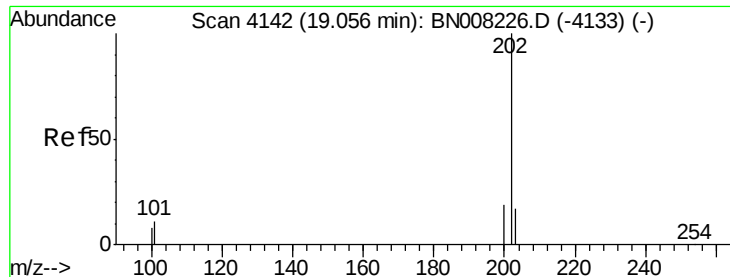
Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Tgt Ion:178 Resp: 3248

Ion	Ratio	Lower	Upper
178	100		
179	19.8	13.0	19.6#
176	20.6	15.0	22.6





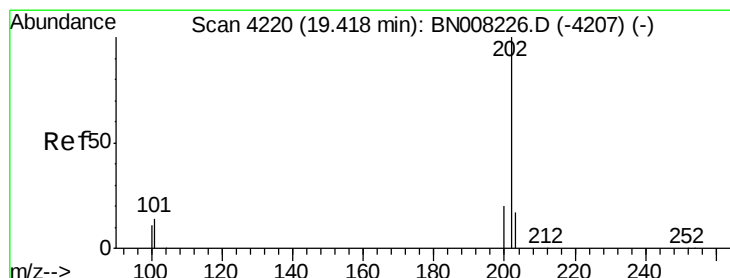
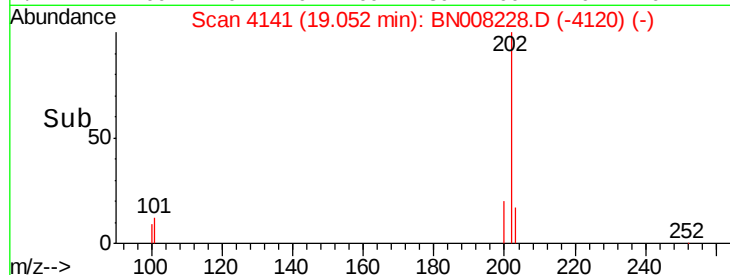
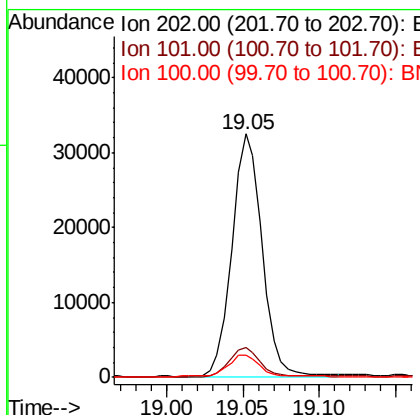
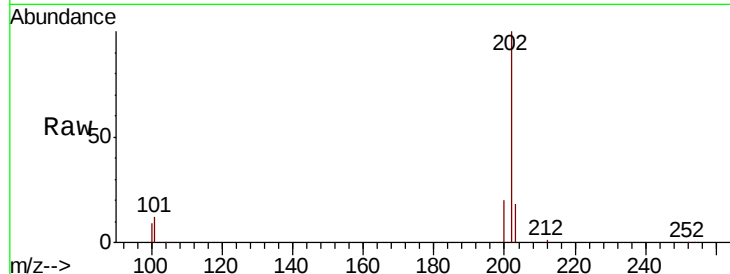
#15
Fluoranthene
Concen: 0.569 ng/ul
RT: 19.05 min Scan# 4141
Delta R.T. -0.00 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Instrument :
BNA_N
ClientSampleId :
BEP99

Tot Ion	Ratio	Resp	Lower	Upper
202	100	44438		
101	12.3		0.0	31.2
100	9.3		0.0	28.5

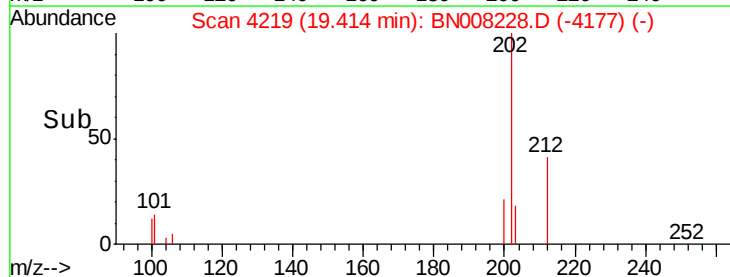
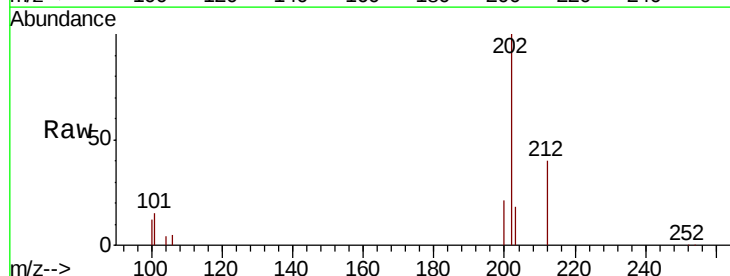
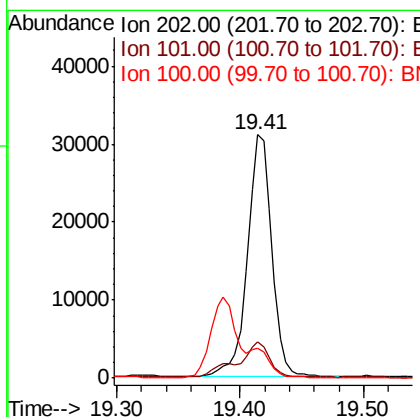
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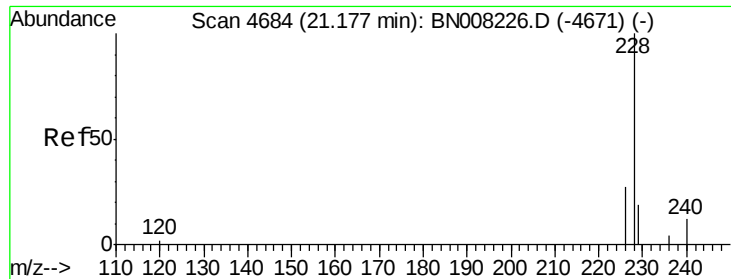
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#17
Pyrene
Concen: 0.701 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43265		
101	14.7		10.9	16.3
100	12.4		8.7	13.1





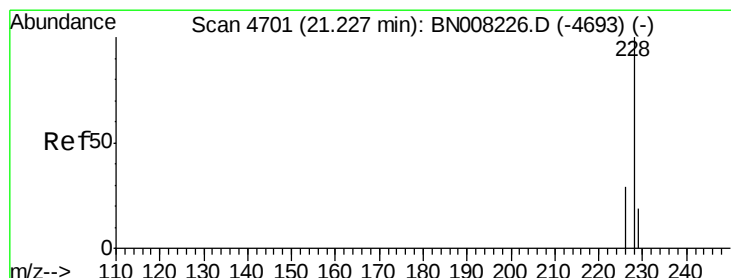
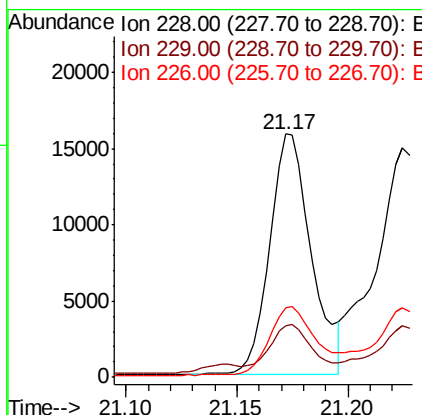
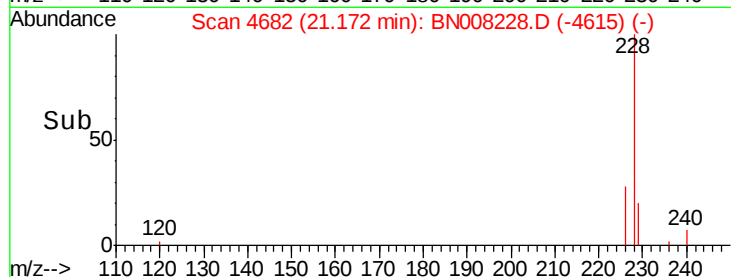
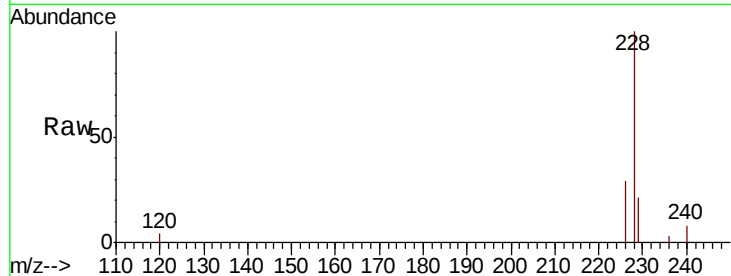
#18
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Instrument :
BNA_N
ClientSampleId :
BEP99

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.8	21.4	32.0

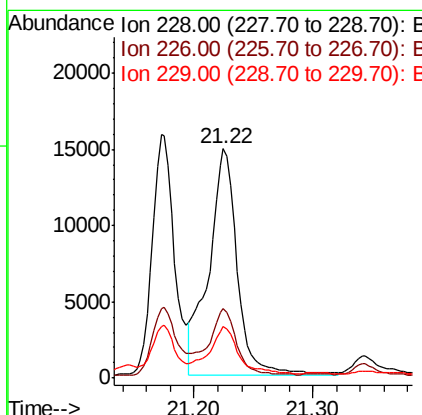
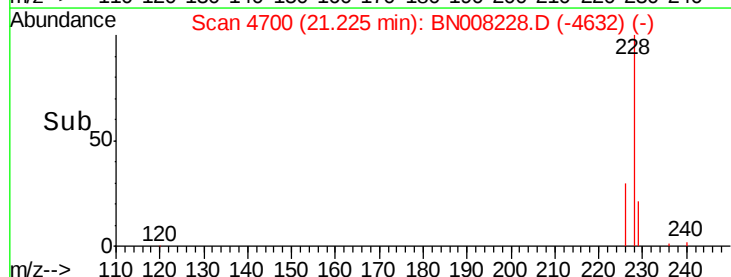
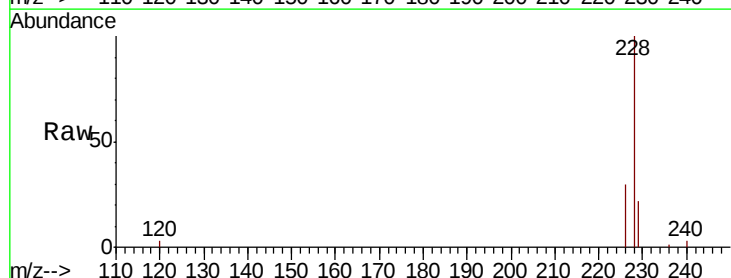
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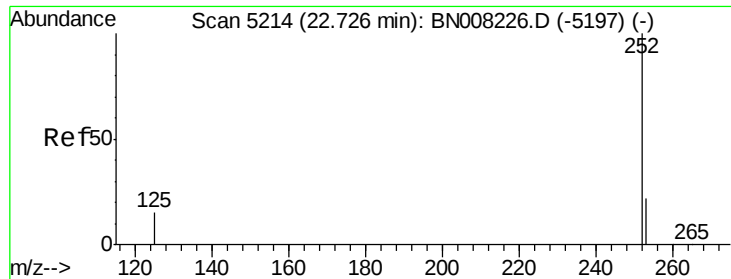
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#19
Chrysene
Concen: 0.357 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.4	16.2	24.2





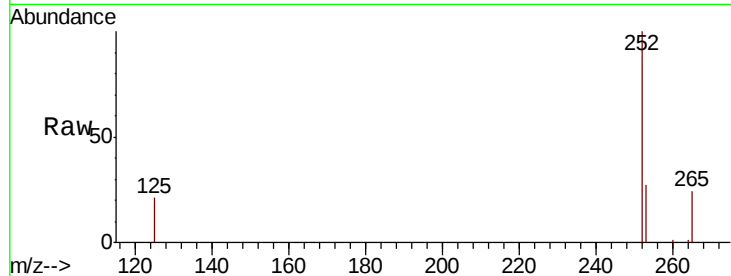
#21
Benzo(b)fluoranthene
Concen: 0.620 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. -0.01 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Instrument :
BNA_N
ClientSampleId :
BEP99

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	53.4
125	20.7	0.0	32.4

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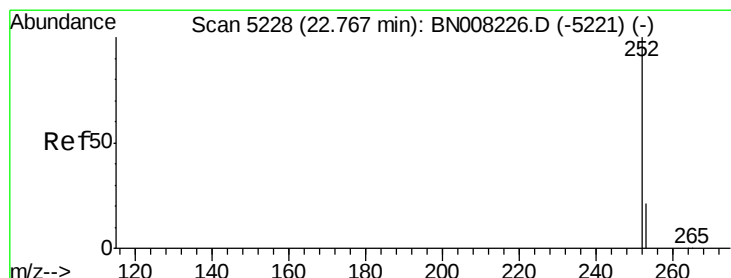
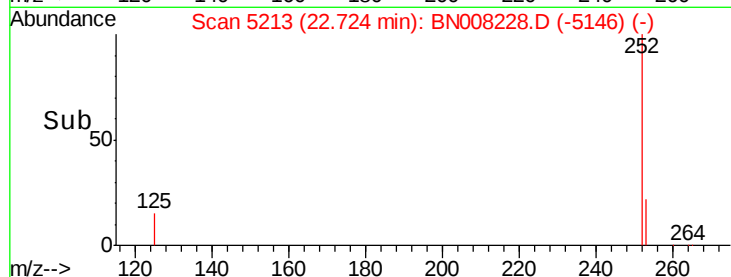
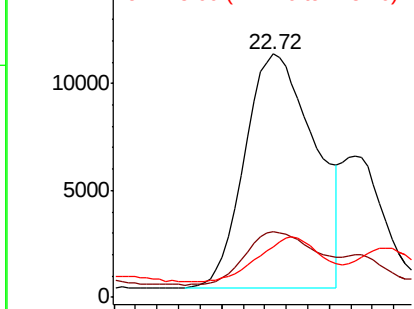


Abundance

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: 0.173 ng/ul m
RT: 22.76 min Scan# 5226
Delta R.T. -0.01 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

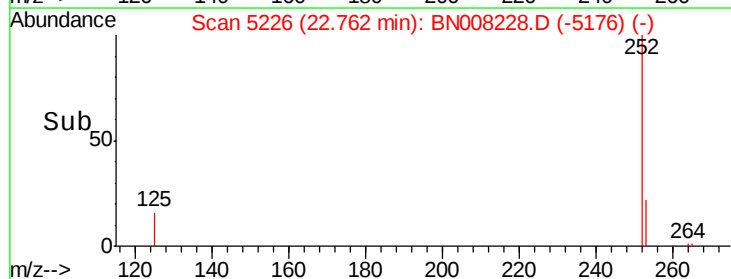
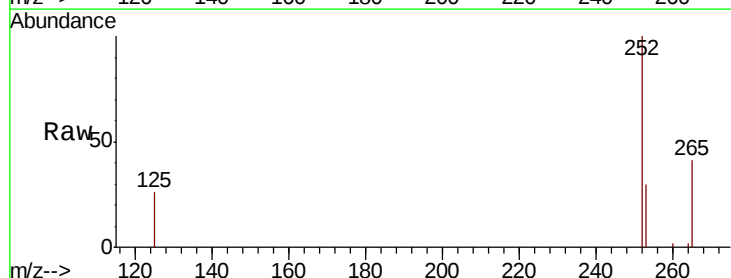
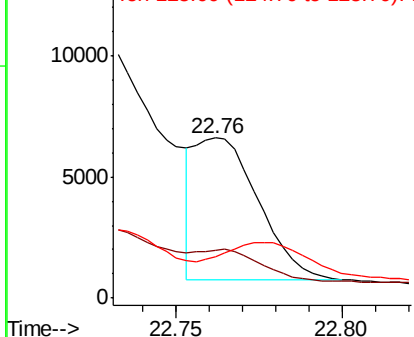
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	21.3	31.9
125	25.8	12.3	18.5#

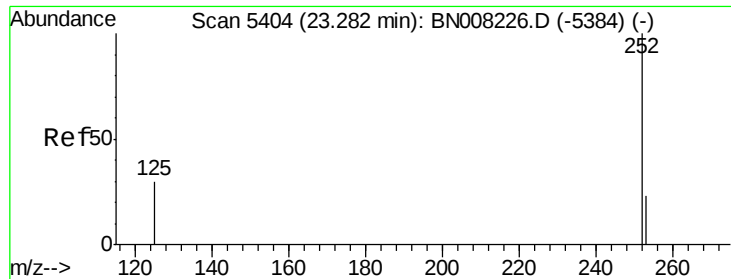
Abundance

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: 0.394 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. -0.01 min

Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Instrument :

BNA_N

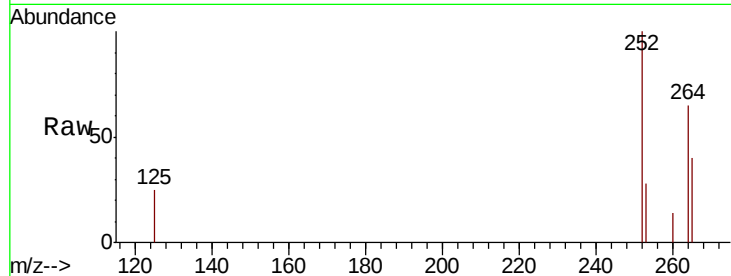
ClientSampled :

BEP99

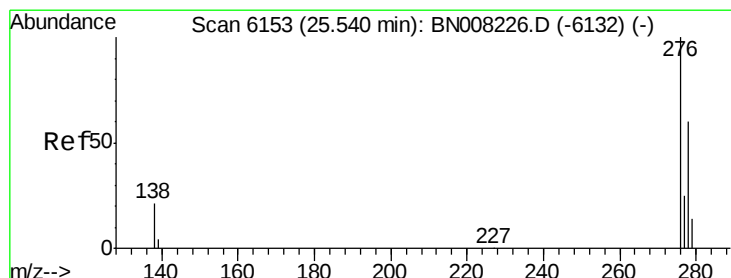
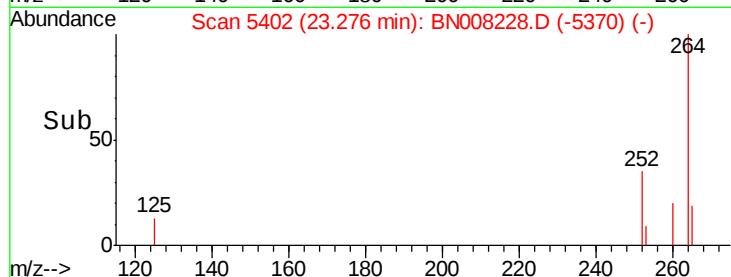
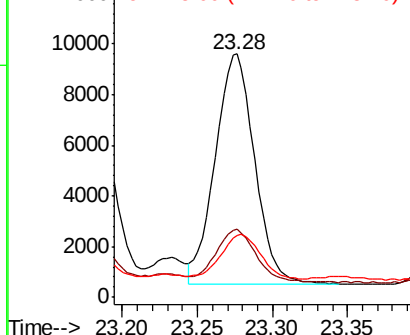
Tot Ion:	252	Resp:	16569
Ion Ratio	Lower	Upper	
252	100		
253	27.9	22.8	34.2
125	25.5	18.4	27.6

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.237 ng/ul

RT: 25.54 min Scan# 6152

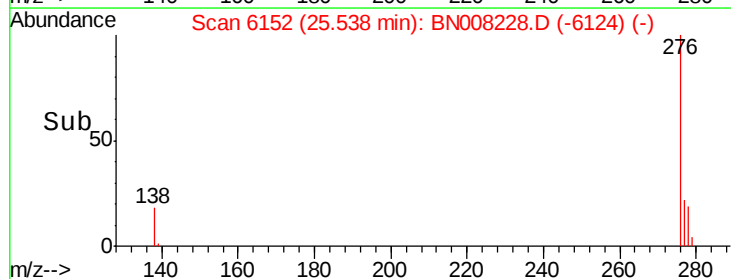
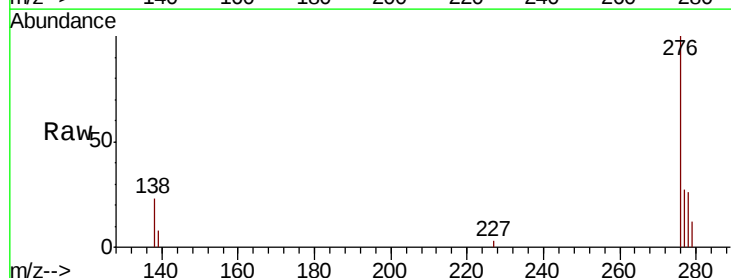
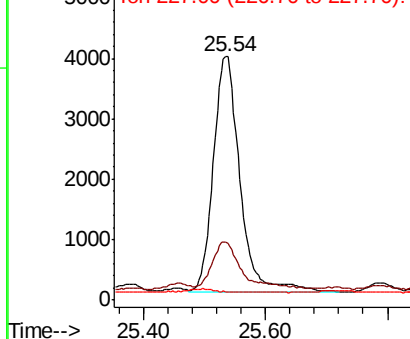
Delta R.T. -0.01 min

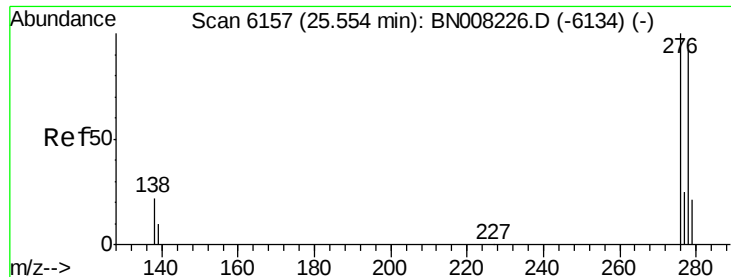
Lab File: BN008228.D

Acq: 17 Oct 2019 19:22

Tgt Ion:	276	Resp:	11735
Ion Ratio	Lower	Upper	
276	100		
138	21.5	16.1	24.1
227	0.0	0.2	0.2#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





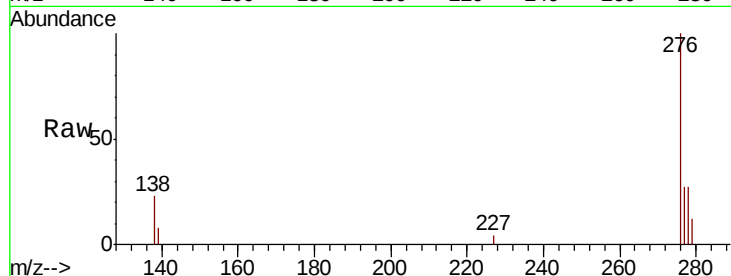
#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Instrument :
BNA_N
ClientSampled :
BEP99

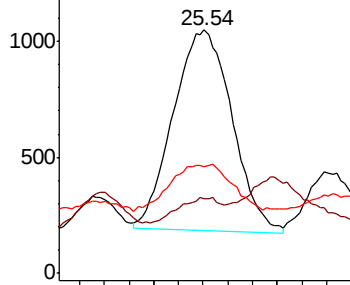
Tot Ion	Ratio	Lower	Upper
278	100		
139	30.9	15.0	22.6#
279	43.5	22.4	33.6#

Manual Integrations
APPROVED

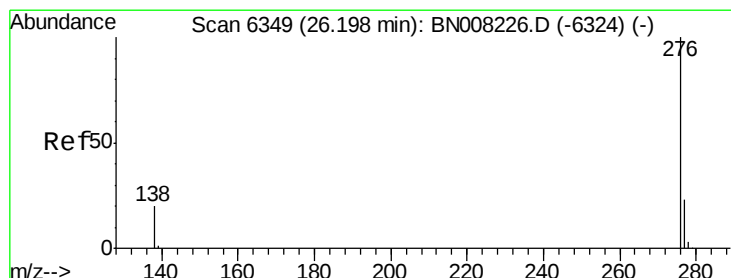
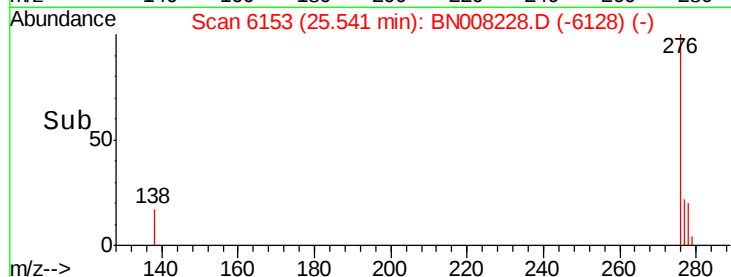
mohammad
10/20/2019 8:08:39 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



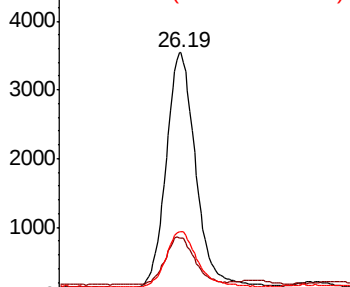
Time-->



#26
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. -0.01 min
Lab File: BN008228.D
Acq: 17 Oct 2019 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.0	25.4
277	26.2	20.4	30.6

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



Time-->

