

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008373.D
 Acq On : 24 Oct 2019 05:16
 Operator : JU
 Sample : K5235-12
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL0

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:07:30 AM

Quant Time: Oct 24 06:00:08 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	1893	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	9279	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5728	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12400m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10355	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9226	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3756	0.24	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	10864	0.25	ng/ul	-0.02
Target Compounds				Ovalue		
12) Phenanthrene	17.00	178	1425	0.039	ng/ul#	89
15) Fluoranthene	19.03	202	3842	0.080	ng/ul	93
17) Pyrene	19.39	202	3396	0.082	ng/ul#	85
18) Benzo(a)anthracene	21.15	228	1685	0.045	ng/ul#	89
19) Chrysene	21.20	228	1792	0.039	ng/ul#	91
21) Benzo(b)fluoranthene	22.69	252	2124m	0.071	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	906m	0.027	ng/ul	
23) Benzo(a)pyrene	23.24	252	1323	0.042	ng/ul#	6
24) Indeno(1,2,3-cd)pyrene	25.49	276	831	0.022	ng/ul#	70
26) Benzo(g,h,i)perylene	26.14	276	801	0.023	ng/ul#	57

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

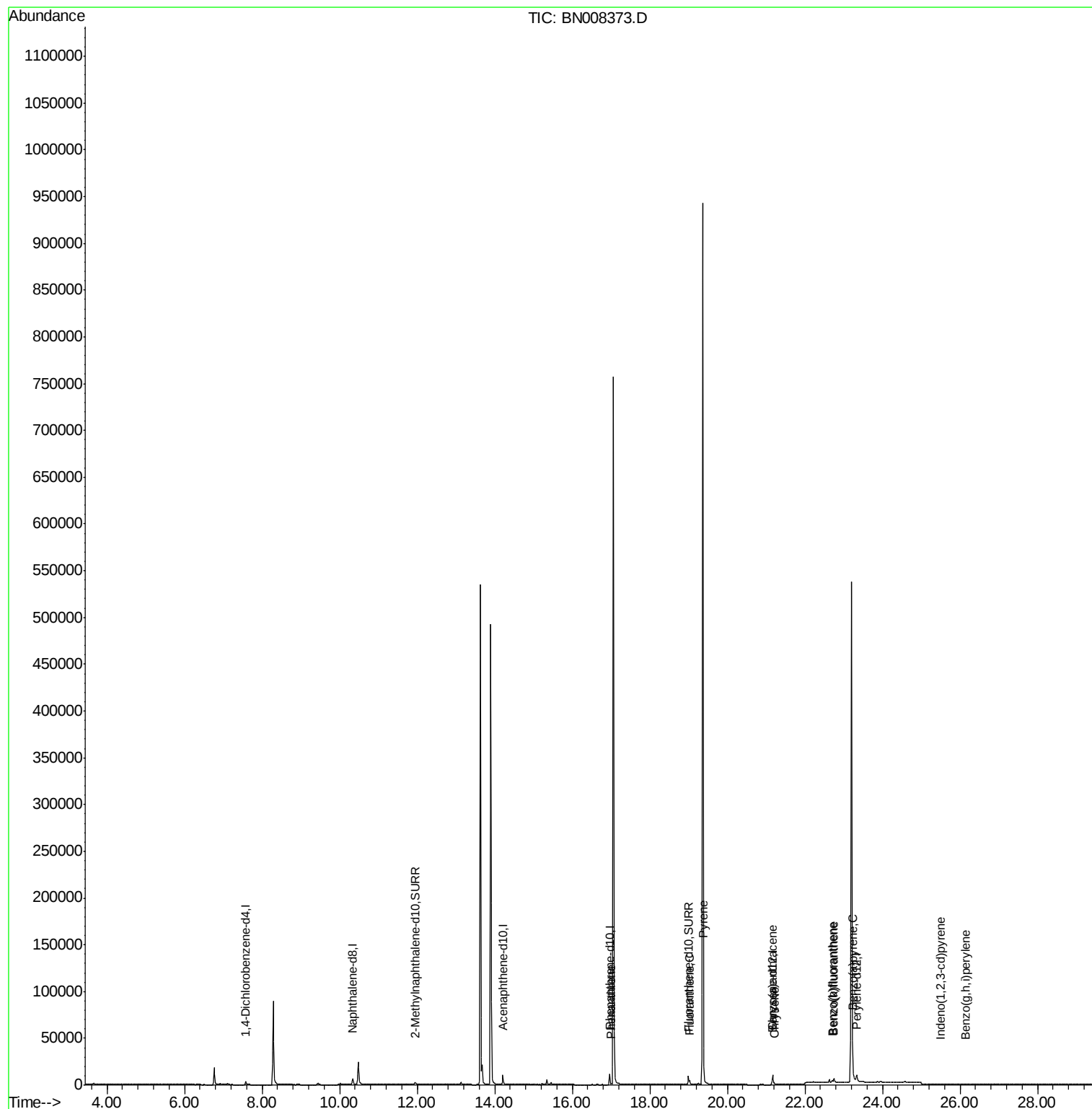
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008373.D
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Operator : JU
Sample : K5235-12
Misc :
ALS Vial : 65 Sample Multiplier: 1

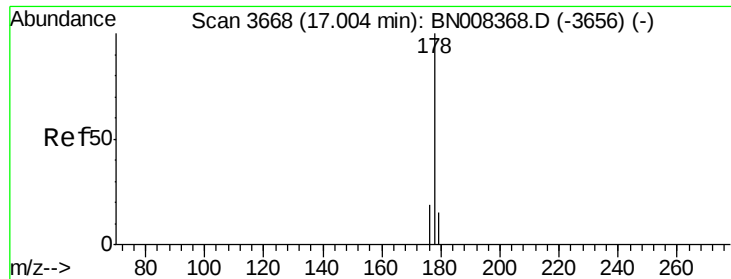
Instrument :
BNA_N
ClientSampleId :
BEPL0

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Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.039 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

Instrument :

BNA_N

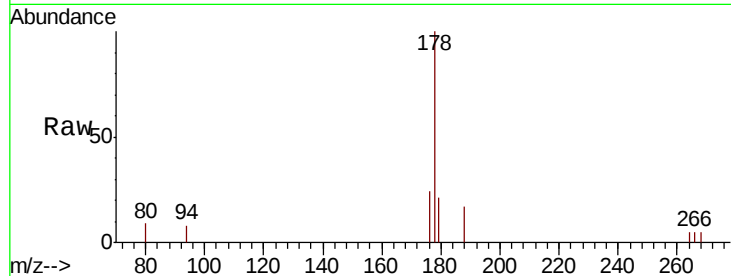
ClientSampleId :

BEPL0

Tot Ion:	178	Resp:	1425
Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.8	19.2#
176	24.1	15.4	23.2#

Manual Integrations
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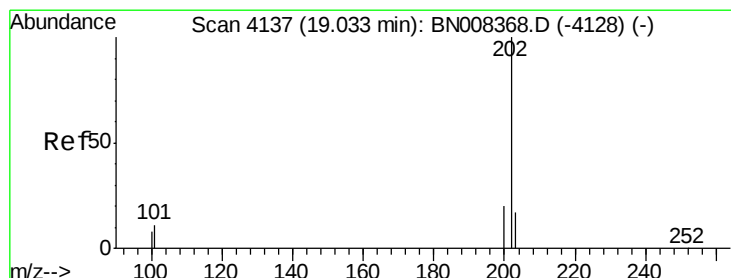
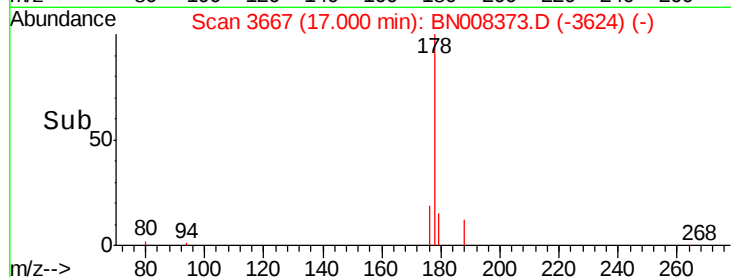
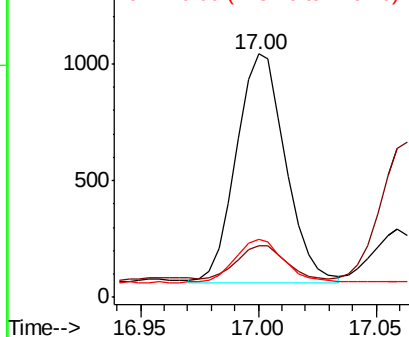


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.080 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

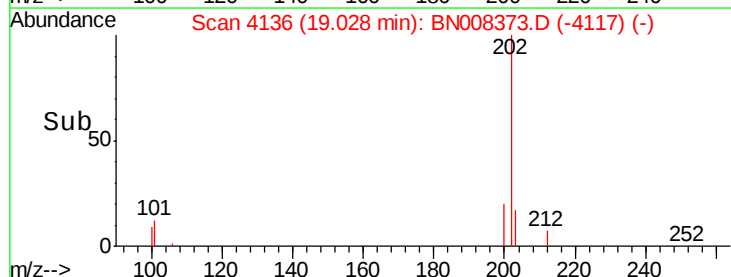
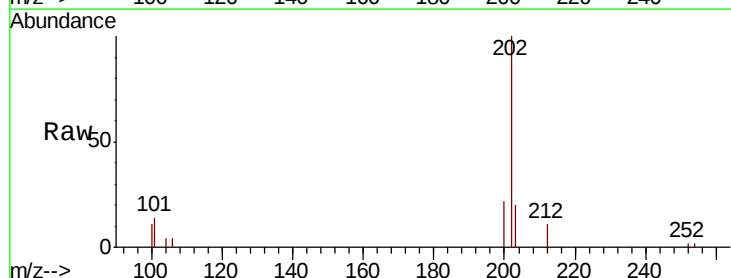
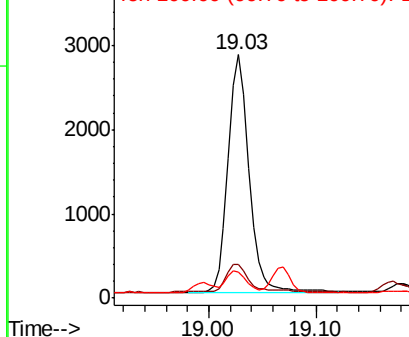
Tgt Ion:	202	Resp:	3842
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.2
100	10.8	0.0	28.5

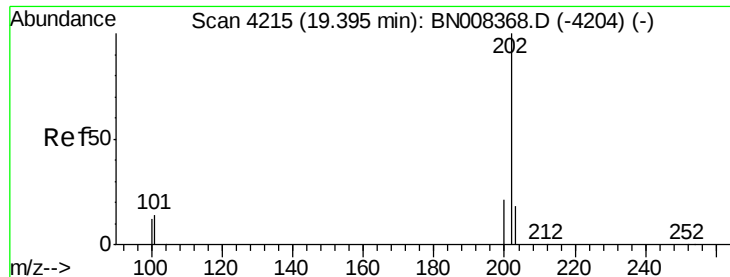
Abundance

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





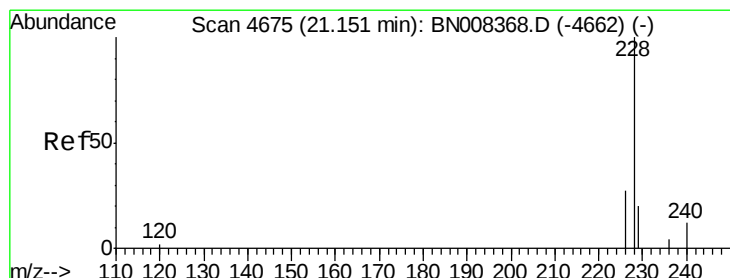
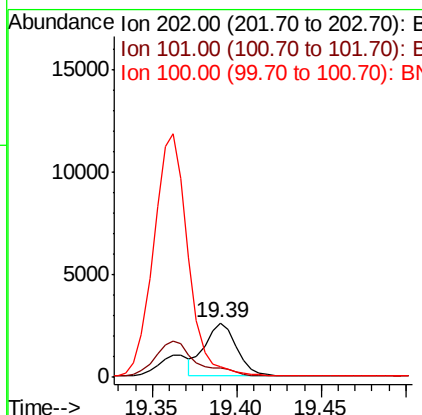
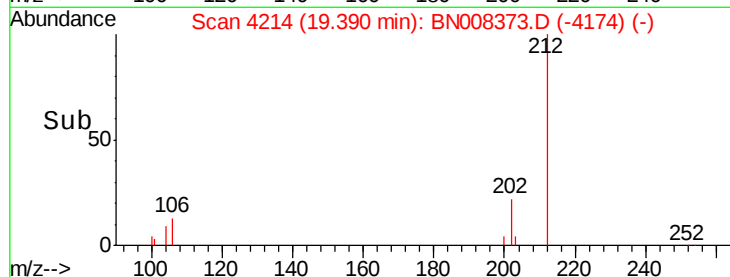
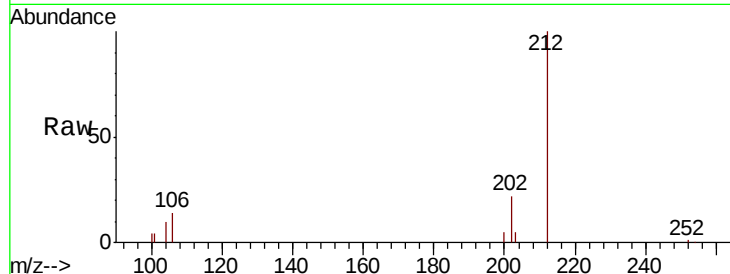
#17
Pvrene
Concen: 0.082 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Instrument :
BNA_N
ClientSampleId :
BEPL0

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.2	10.9	16.3#
100	19.7	8.7	13.1#

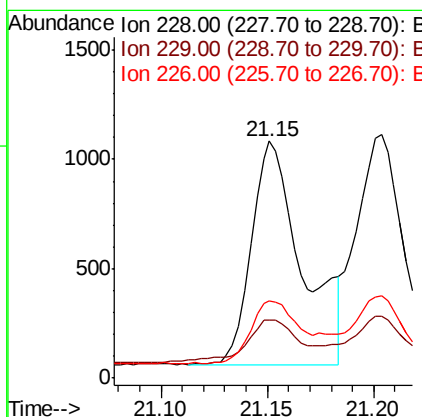
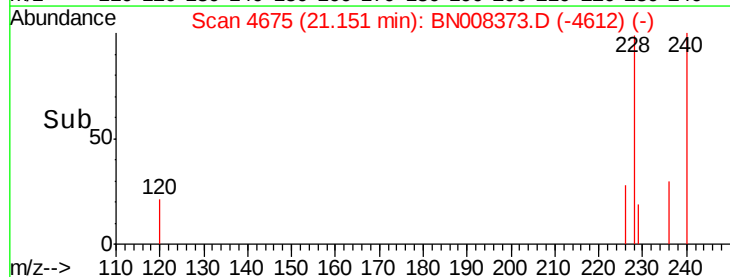
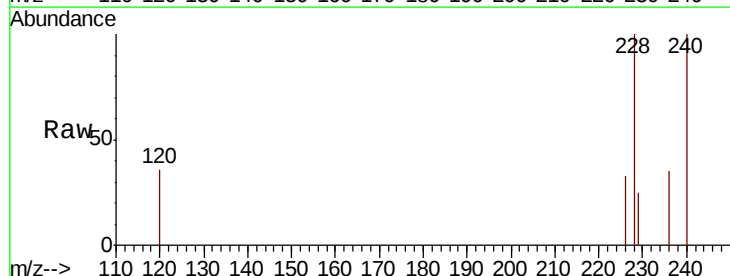
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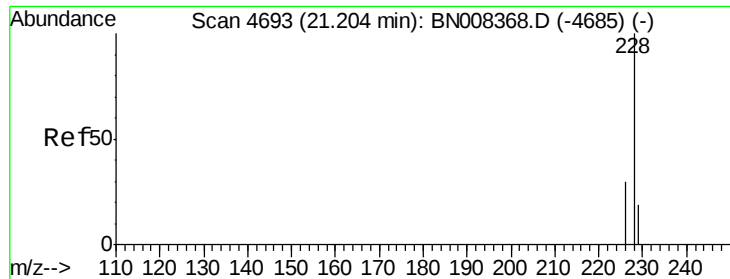
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#18
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.7	16.2	24.2#
226	32.8	21.4	32.0#





#19

Chrysene

Concen: 0.039 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

Instrument :

BNA_N

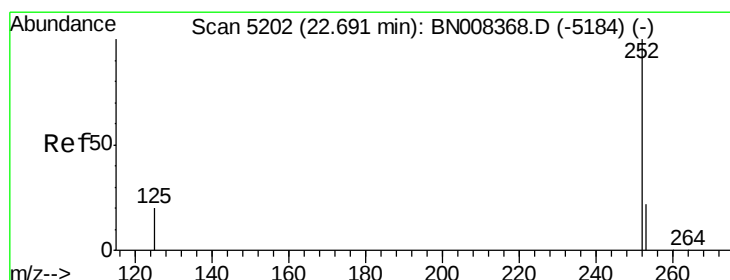
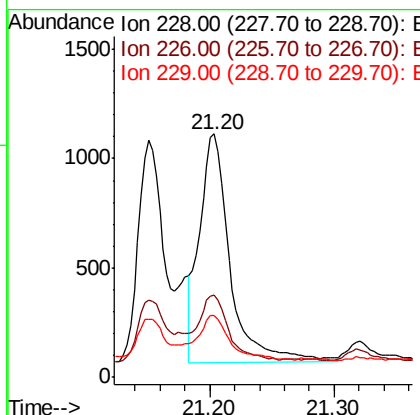
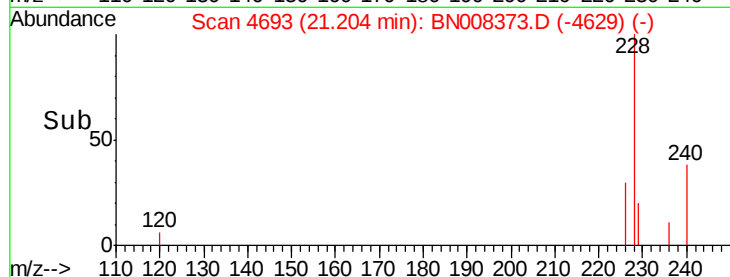
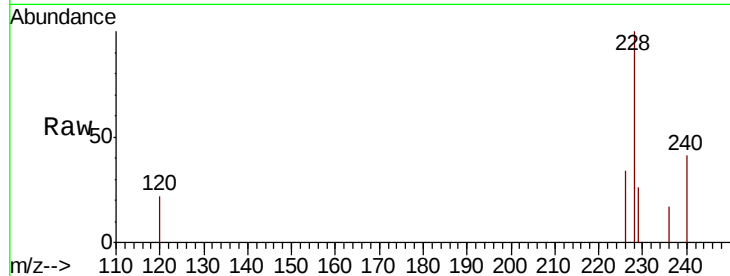
ClientSampleId :

BEPL0

Tot Ion:	228	Resp:	1792
Ion Ratio	Lower	Upper	
228	100		
226	33.9	24.1	36.1
229	25.5	16.2	24.2#

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#21

Benzo(b)fluoranthene

Concen: 0.071 ng/ul m

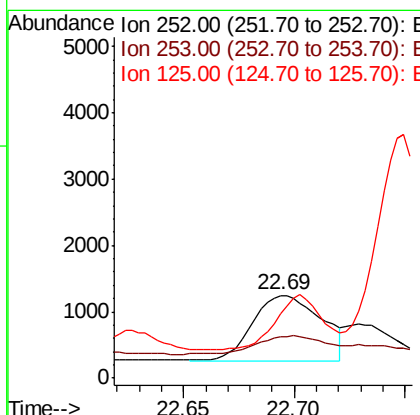
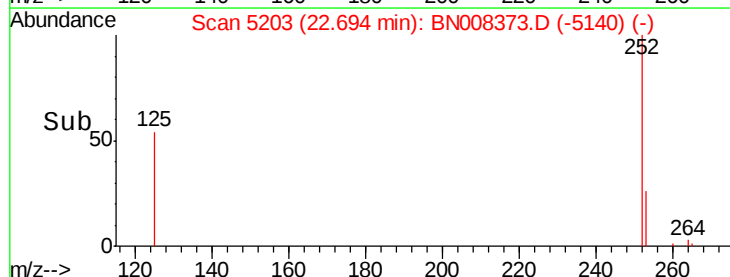
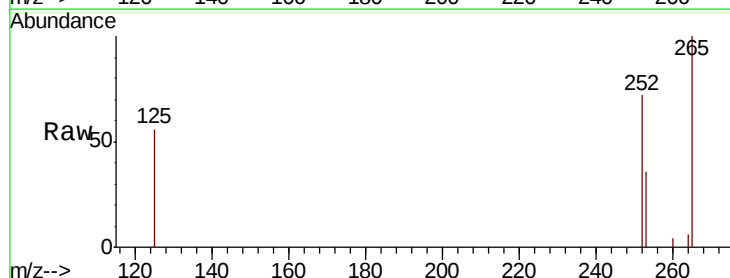
RT: 22.69 min Scan# 5203

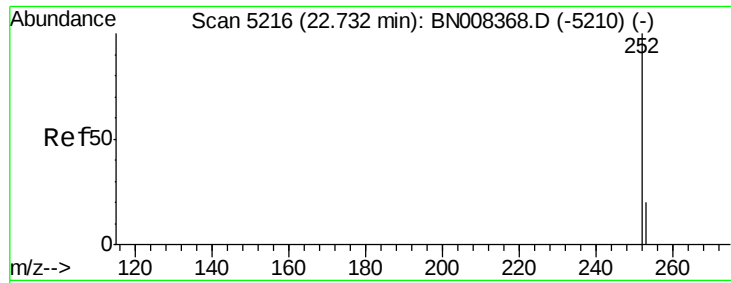
Delta R.T. -0.01 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

Tgt Ion:	252	Resp:	2124
Ion Ratio	Lower	Upper	
252	100		
253	49.5	0.0	53.4
125	77.0	0.0	32.4#





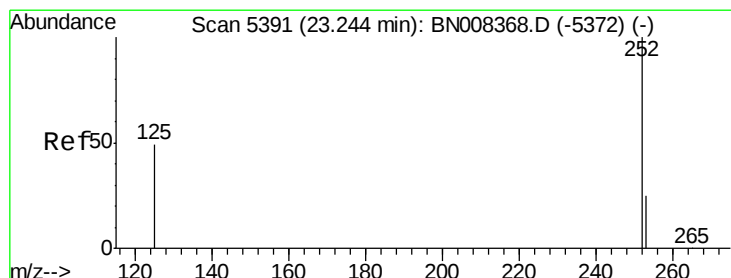
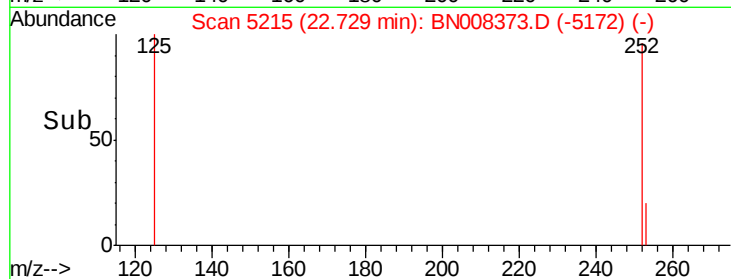
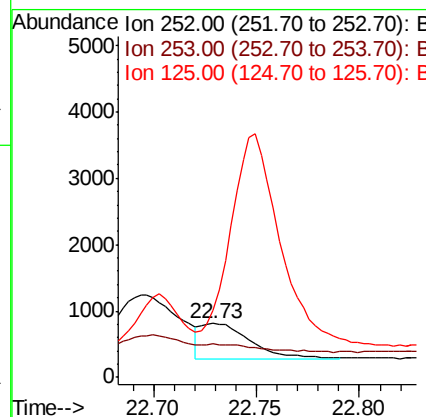
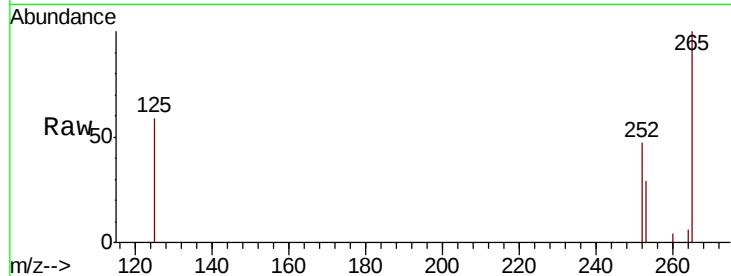
#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Instrument :
BNA_N
ClientSampleId :
BEPL0

Tot Ion	Ratio	Lower	Upper
252	100		
253	61.2	21.3	31.9#
125	123.9	12.3	18.5#

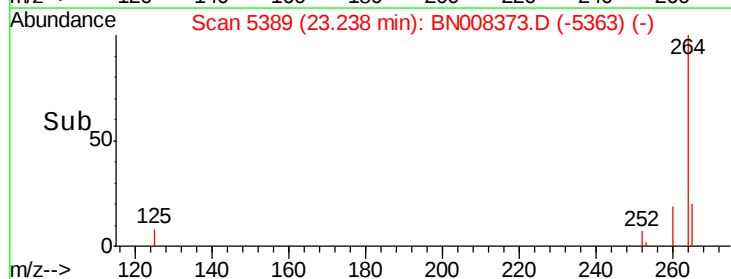
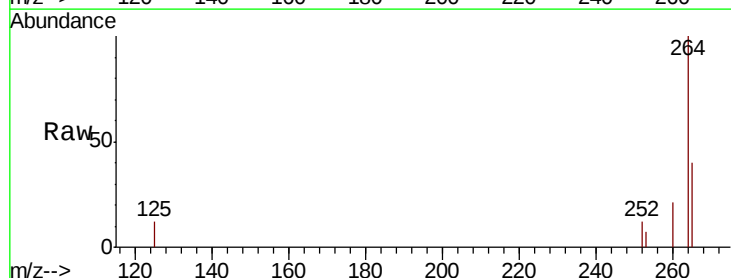
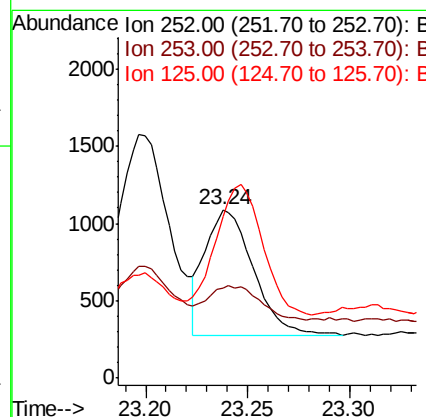
Manual Integrations
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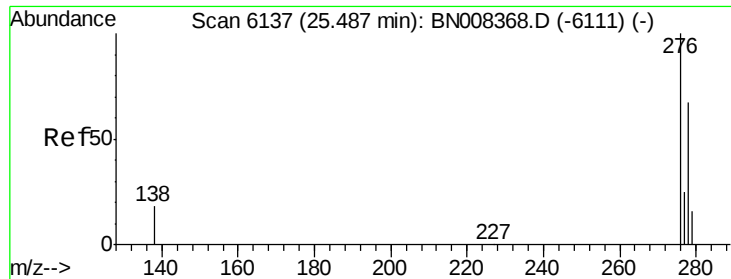
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#23
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.7	22.8	34.2#
125	96.1	18.4	27.6#





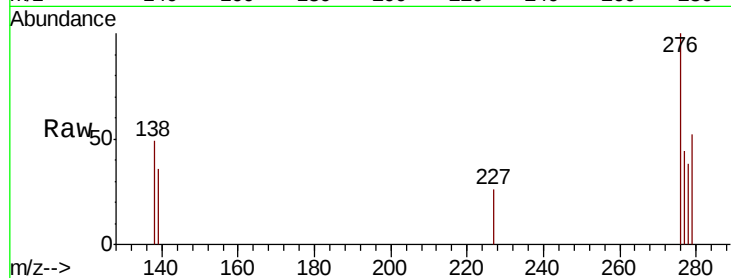
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/uL
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.02 min
 Lab File: BN008373.D
 Acq: 24 Oct 2019 05:16

Instrument :
 BNA_N
 ClientSampleId :
 BEPLO

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	16.1	24.1#
227	0.6	0.2	0.2#

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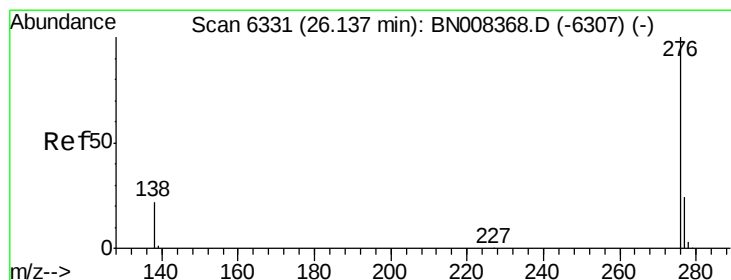
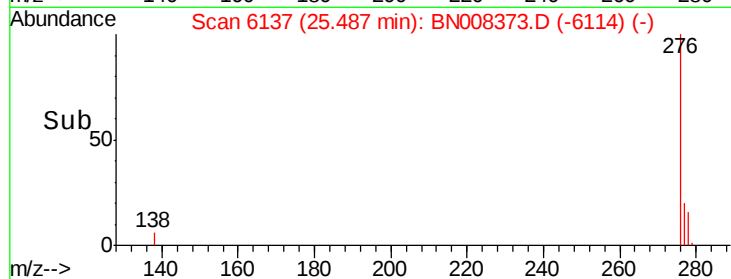
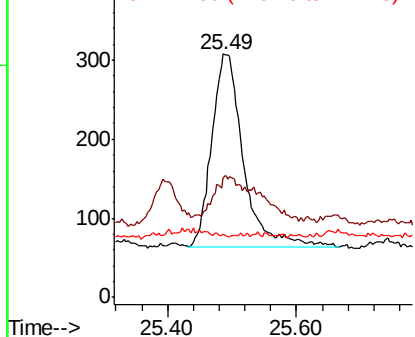


Abundance

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



#26
 Benzo(g,h,i)perylene
 Concen: 0.023 ng/uL
 RT: 26.14 min Scan# 6333
 Delta R.T. -0.02 min
 Lab File: BN008373.D
 Acq: 24 Oct 2019 05:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.3	17.0	25.4#
277	43.7	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

