

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008925.D
 Acq On : 11 Dec 2019 19:58
 Operator : JU
 Sample : K6088-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN7

Manual Integrations
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mohammad
 12/12/2019 11:31:48 AM

Quant Time: Dec 12 01:38:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2146	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	9320	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6263	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	14345	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12696	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13933	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2593	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	7975	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	3444	0.123	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	6358	0.324	ng/ul	100
7) Acenaphthylene	13.90	152	818	0.024	ng/ul#	72
9) Fluorene	15.24	166	1079	0.036	ng/ul#	76
11) Pentachlorophenol	16.59	266	111	0.020	ng/ul	97
12) Phenanthrene	16.97	178	27009	0.558	ng/ul	100
13) Anthracene	17.06	178	1815	0.040	ng/ul#	84
15) Fluoranthene	18.99	202	20455	0.344	ng/ul	100
17) Pyrene	19.36	202	17998	0.353	ng/ul	99
18) Benzo(a)anthracene	21.12	228	7522m	0.147	ng/ul	
19) Chrysene	21.17	228	14774	0.295	ng/ul#	95
21) Benzo(b)fluoranthene	22.64	252	11544m	0.201	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	4104m	0.072	ng/ul	
23) Benzo(a)pyrene	23.18	252	6685	0.124	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.38	276	4838	0.077	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.39	278	1291	0.025	ng/ul#	39
26) Benzo(a,h,i)perylene	26.02	276	4869	0.092	ng/ul	93

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

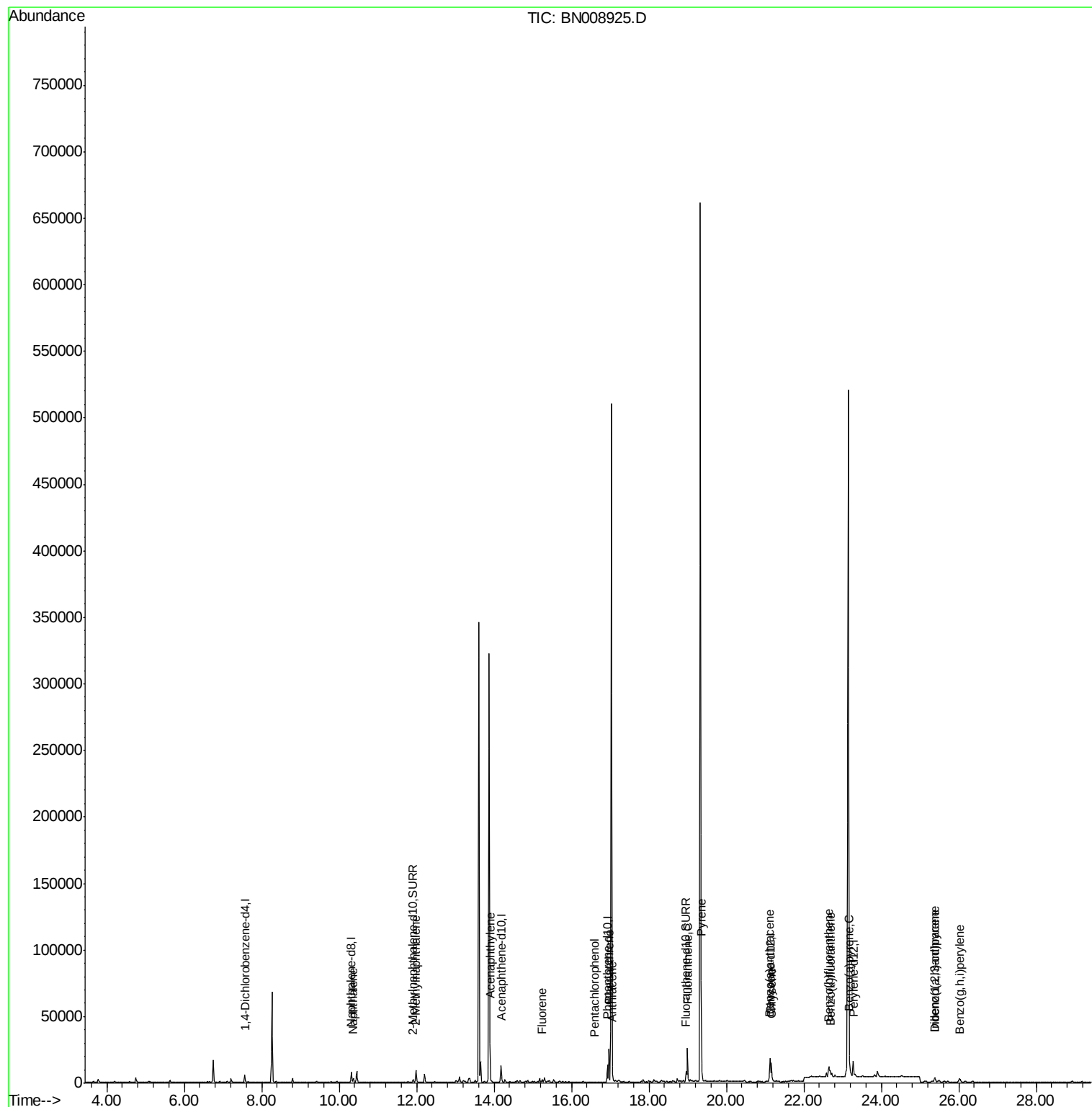
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008925.D
Acq On : 11 Dec 2019 19:58
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ALS Vial : 17 Sample Multiplier: 1

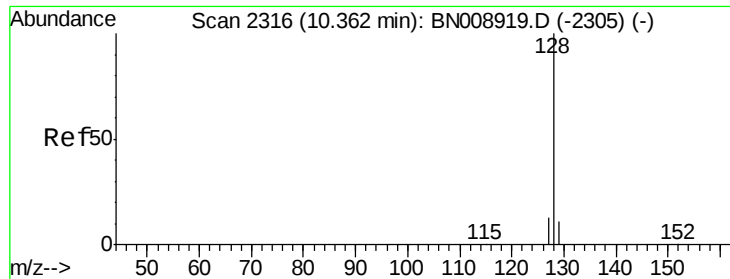
Instrument :
BNA_N
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Quant Time: Dec 12 01:38:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.123 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_N

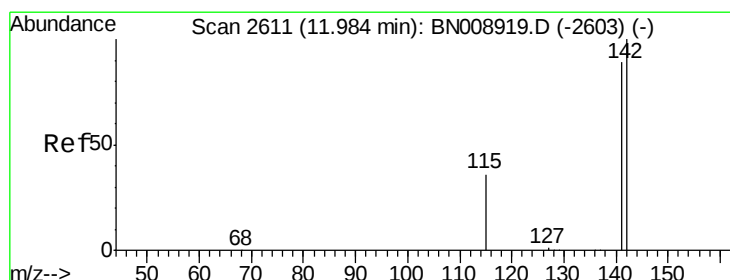
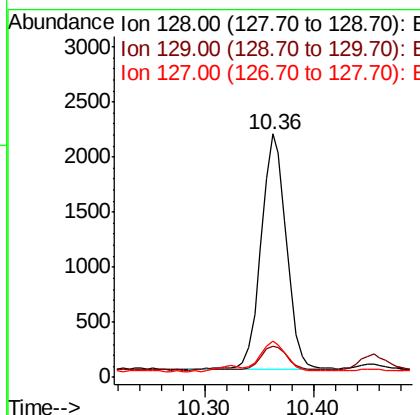
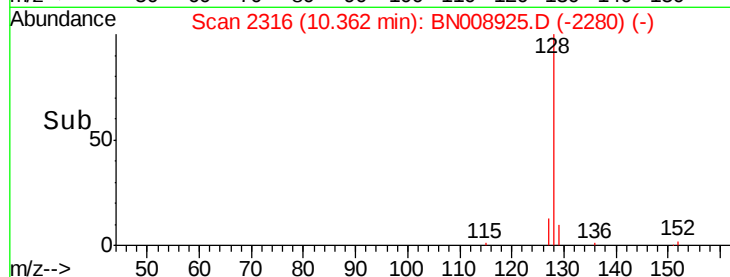
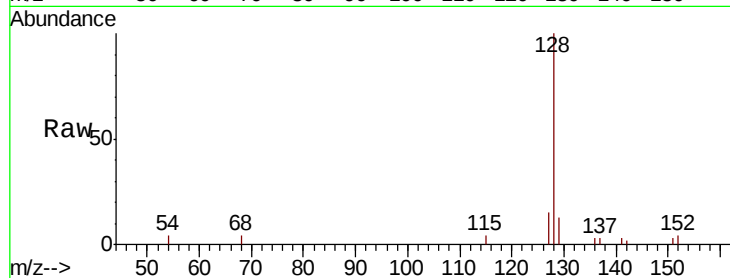
ClientSampleId :

C0BN7

Tot Ion:	128	Resp:	3444
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.1	13.7
127	14.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.324 ng/ul

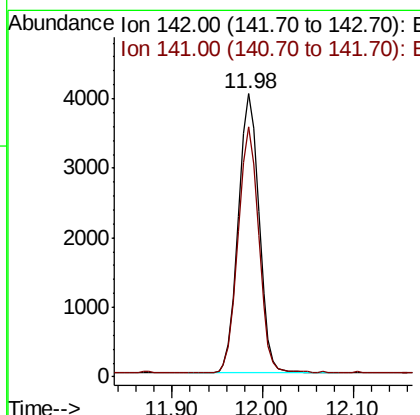
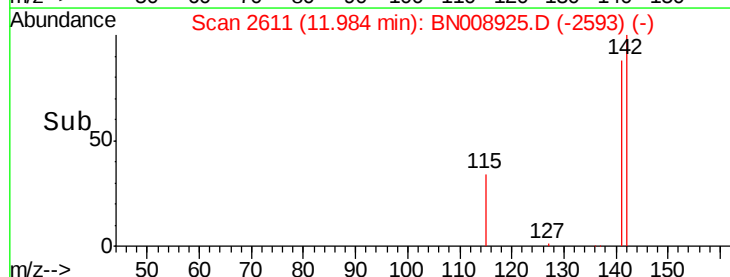
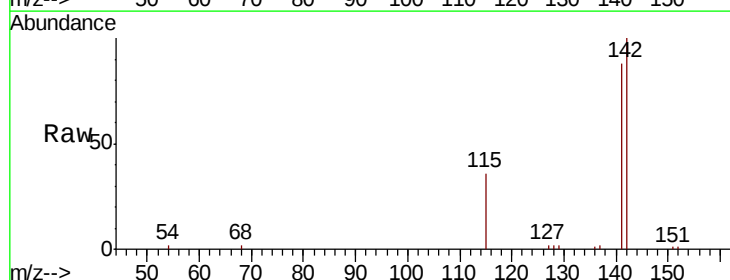
RT: 11.98 min Scan# 2611

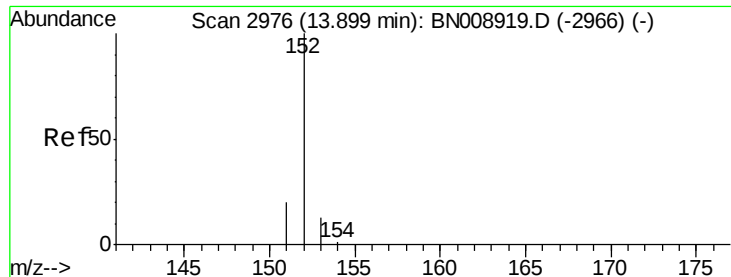
Delta R.T. 0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Tgt Ion:	142	Resp:	6358
Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.1	105.1





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_N

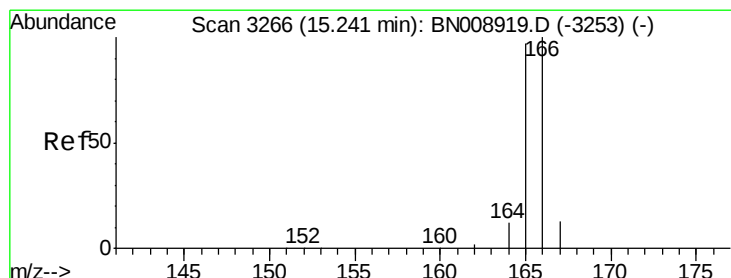
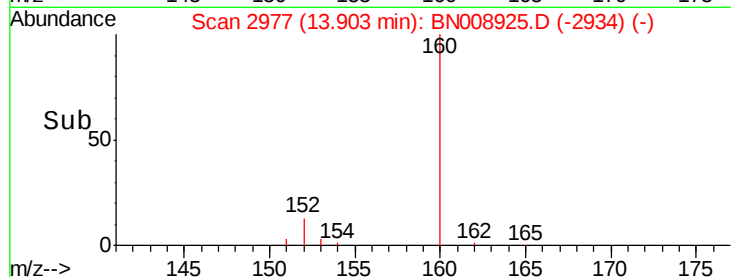
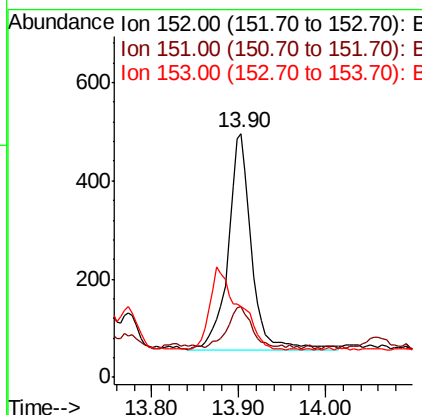
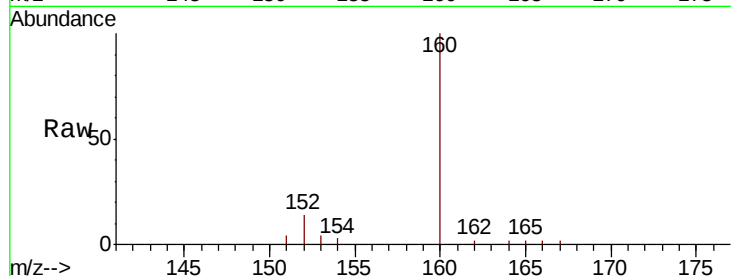
ClientSampleId :

C0BN7

Tot Ion:	152	Resp:	818
Ion Ratio	Lower	Upper	
152	100		
151	29.0	15.8	23.6#
153	29.0	10.6	15.8#

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#9

Fluorene

Concen: 0.036 ng/ul

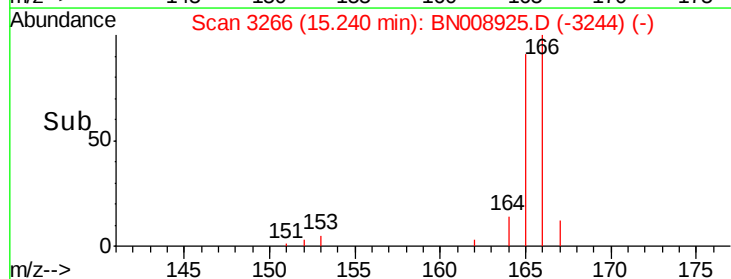
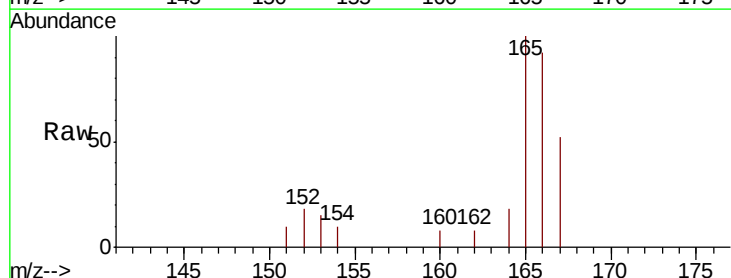
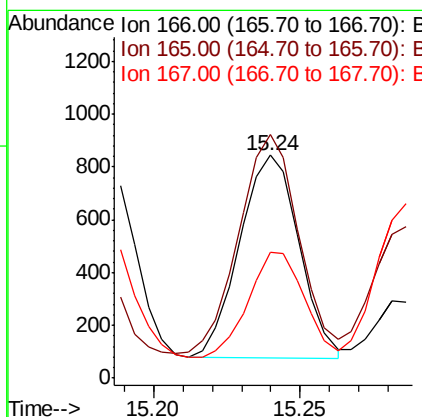
RT: 15.24 min Scan# 3266

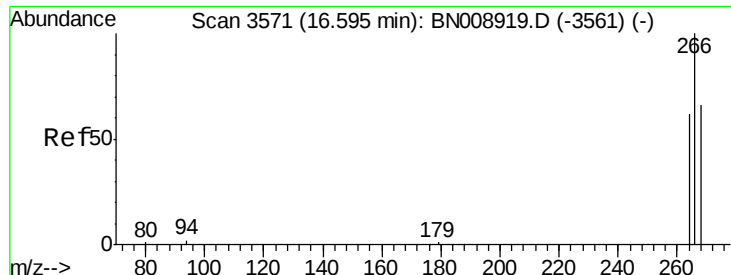
Delta R.T. 0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Tgt Ion:	166	Resp:	1079
Ion Ratio	Lower	Upper	
166	100		
165	109.2	77.7	116.5
167	56.4	11.1	16.7#





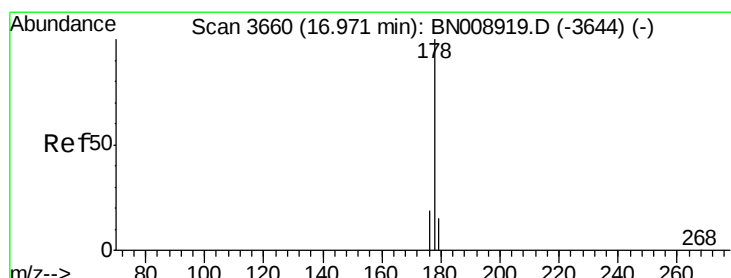
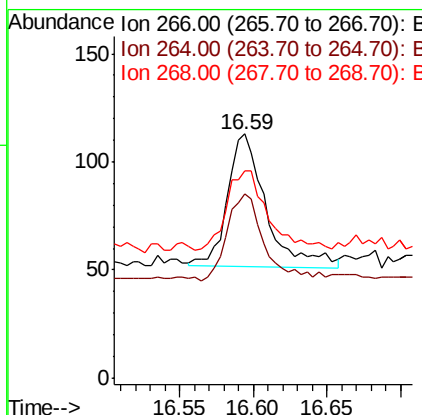
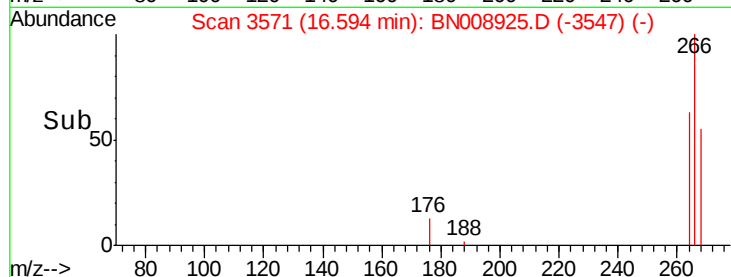
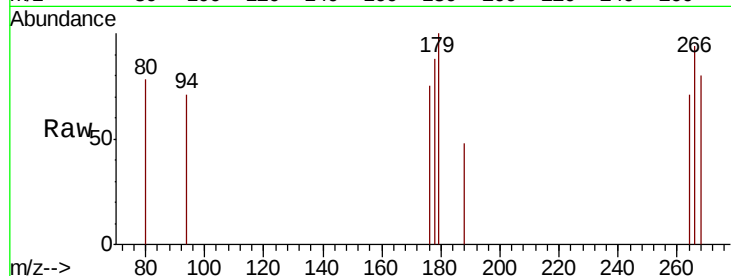
#11
 Pentachlorophenol
 Concen: 0.020 ng/ul
 RT: 16.59 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: BN008925.D
 Acq: 11 Dec 2019 19:58

Instrument :
 BNA_N
 ClientSampleId :
 C0BN7

Tot Ion:	266	Resp:	111
Ion Ratio	Lower	Upper	
266	100		
264	67.6	50.4	75.6
268	64.9	52.2	78.4

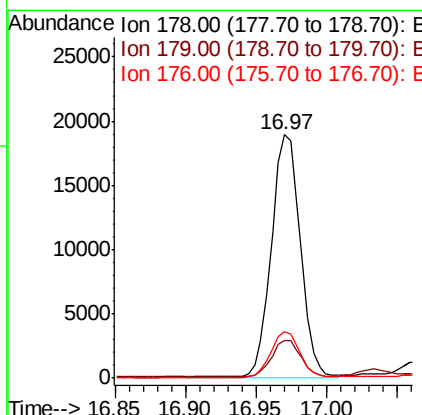
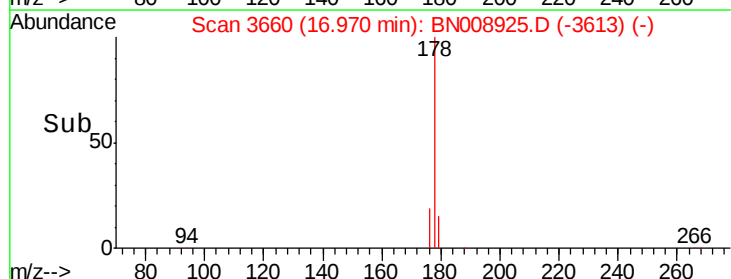
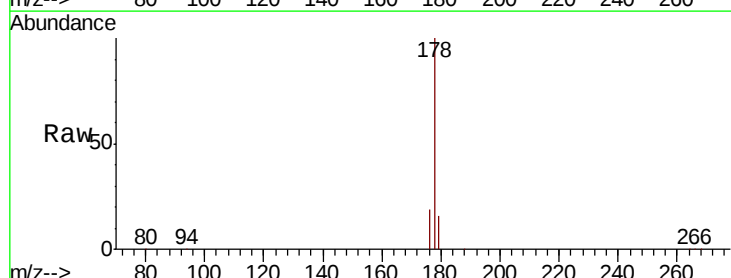
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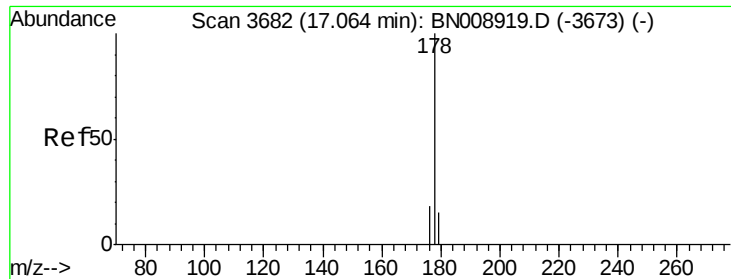
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#12
 Phenanthrene
 Concen: 0.558 ng/ul
 RT: 16.97 min Scan# 3660
 Delta R.T. 0.00 min
 Lab File: BN008925.D
 Acq: 11 Dec 2019 19:58

Tgt Ion:	178	Resp:	27009
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	18.9	15.3	22.9





#13

Anthracene

Concen: 0.040 ng/ul

RT: 17.06 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_N

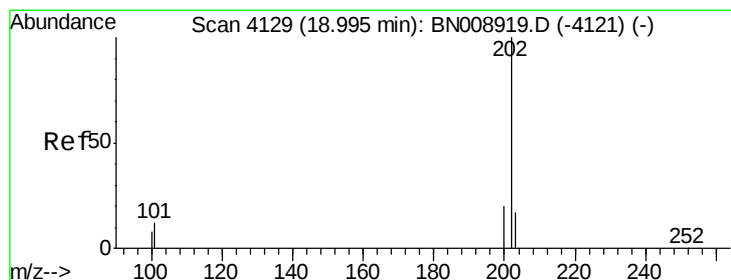
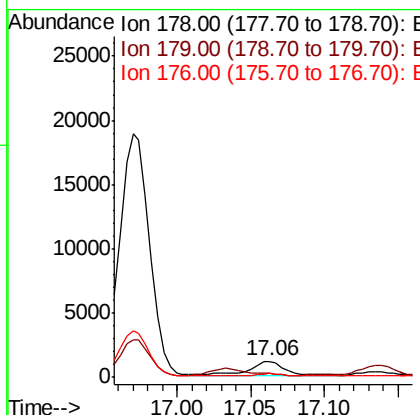
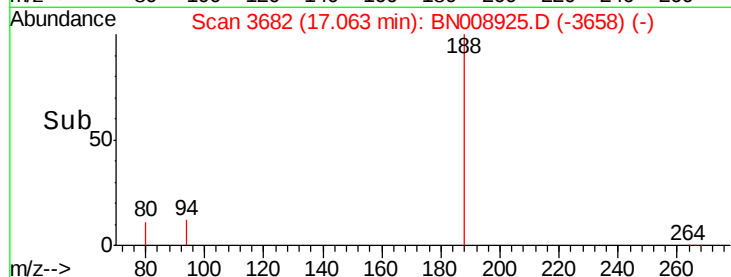
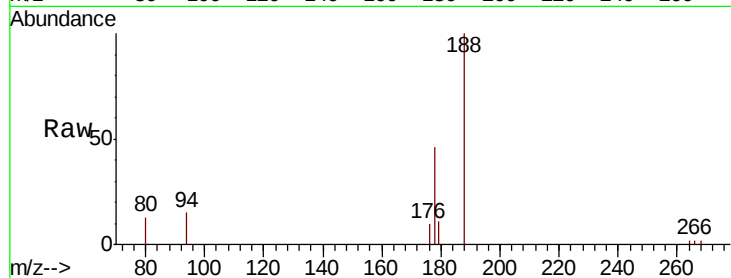
ClientSampleId :

C0BN7

Tot Ion:	178	Resp:	1815
Ion Ratio	Lower	Upper	
178	100		
179	24.7	12.2	18.4#
176	22.8	14.7	22.1#

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#15

Fluoranthene

Concen: 0.344 ng/ul

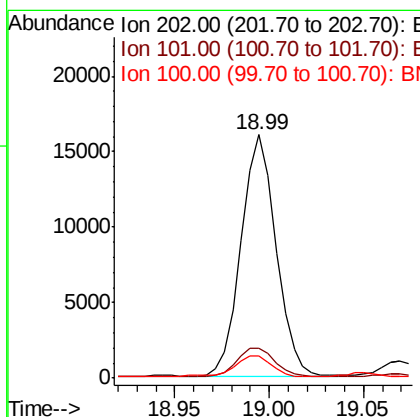
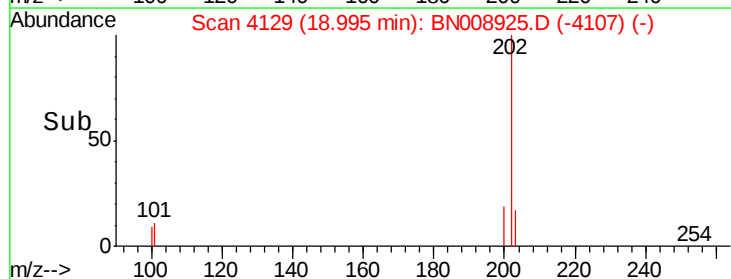
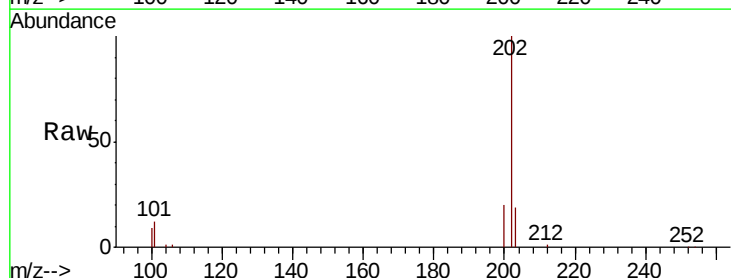
RT: 18.99 min Scan# 4129

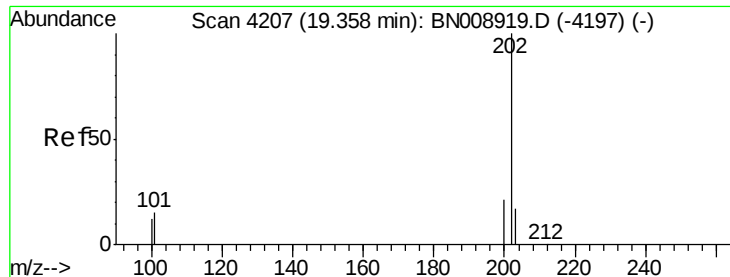
Delta R.T. 0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Tgt Ion:	202	Resp:	20455
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.4
100	9.2	0.0	29.2





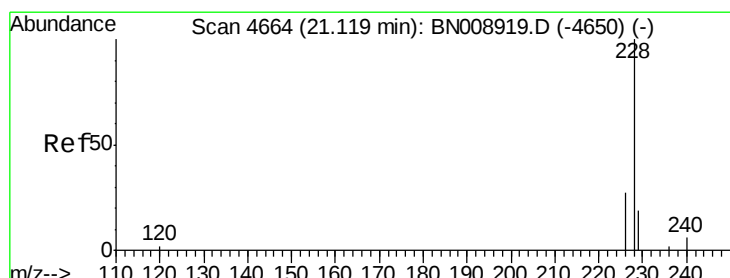
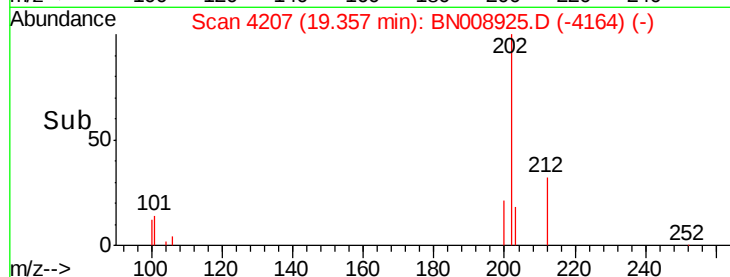
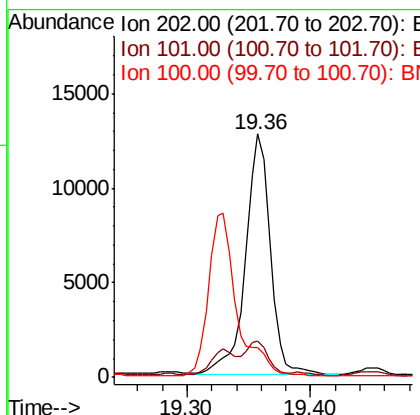
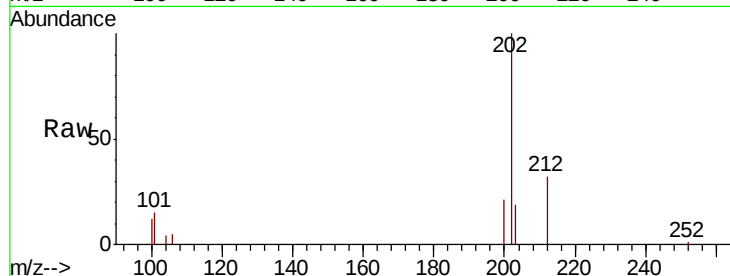
#17
Pvrene
Concen: 0.353 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008925.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_N
ClientSampleId :
C0BN7

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	12.1	9.5	14.3

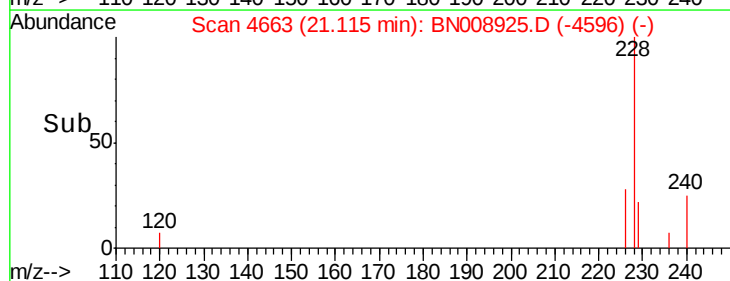
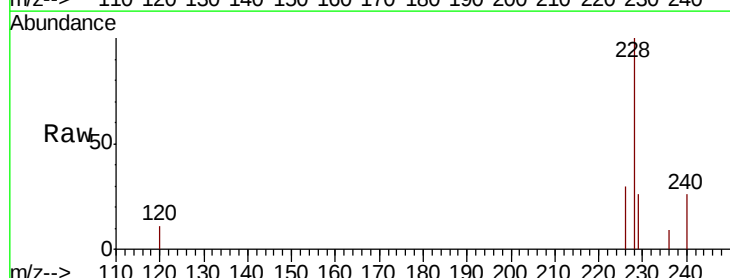
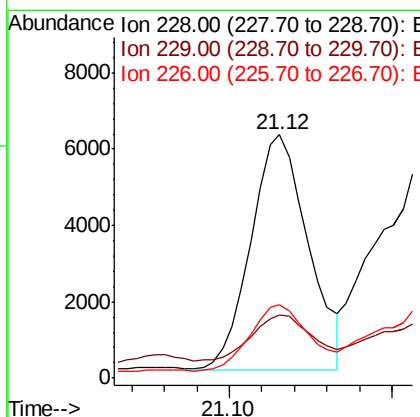
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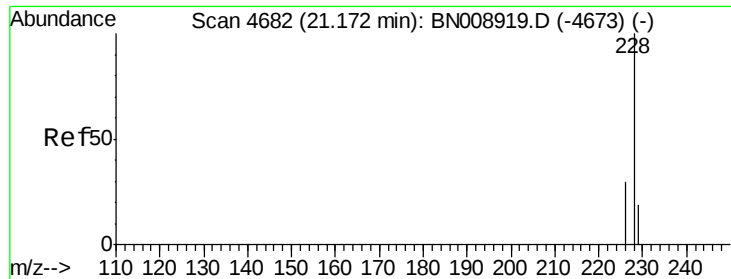
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#18
Benzo(a)anthracene
Concen: 0.147 ng/ul m
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008925.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.0	15.7	23.5#
226	29.9	21.5	32.3





#19

Chrysene

Concen: 0.295 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_N

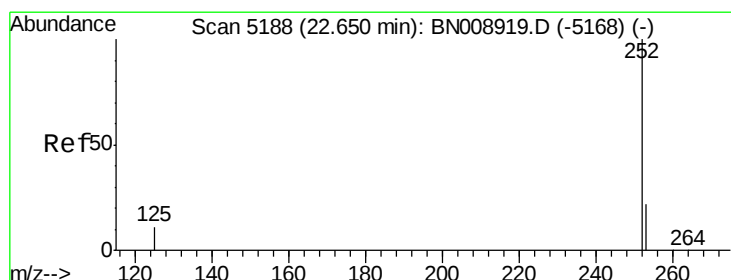
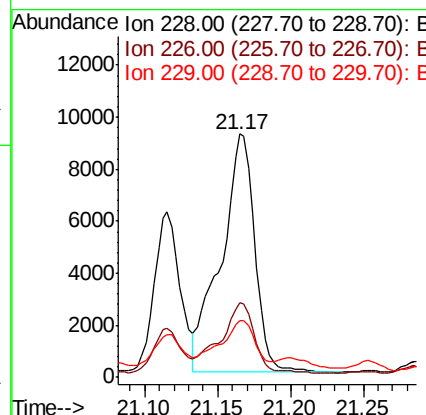
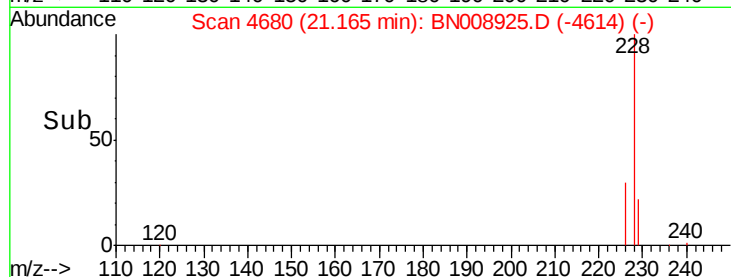
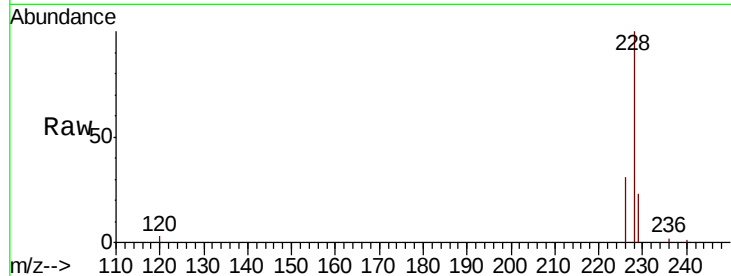
ClientSampleId :

C0BN7

Tot Ion:	228	Resp:	14774
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.8	35.6
229	23.5	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 0.201 ng/ul m

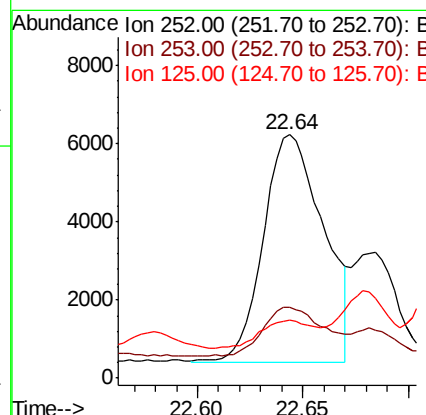
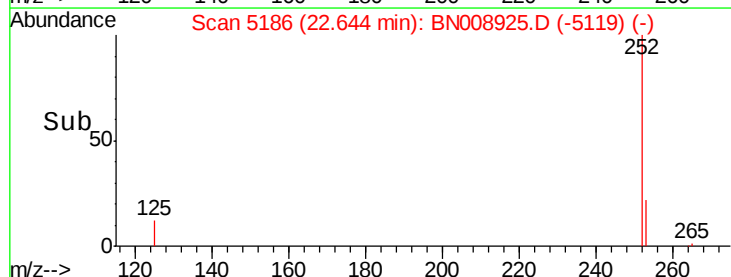
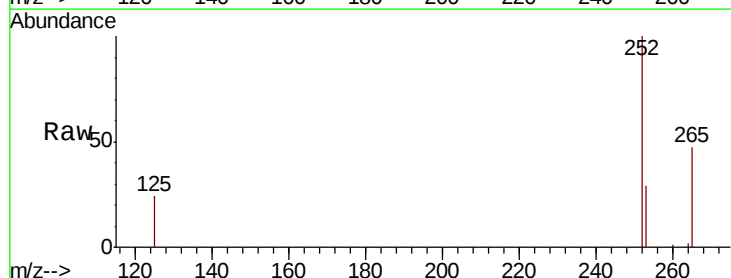
RT: 22.64 min Scan# 5186

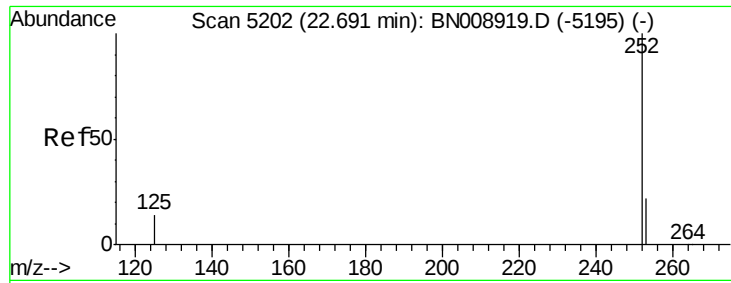
Delta R.T. -0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Tgt Ion:	252	Resp:	11544
Ion Ratio	Lower	Upper	
252	100		
253	28.9	0.0	48.6
125	23.6	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.072 ng/ul m

RT: 22.68 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_N

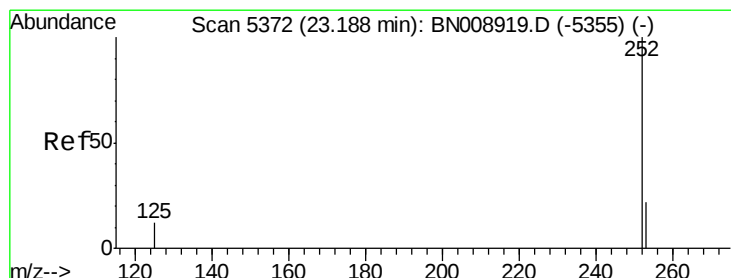
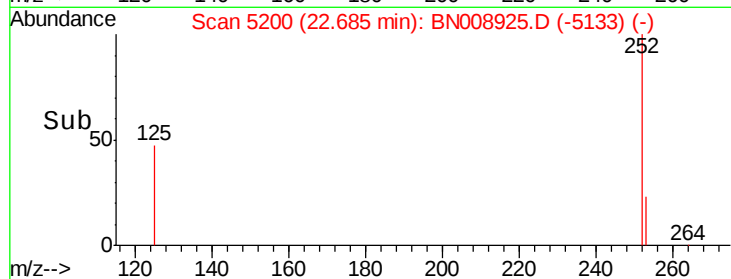
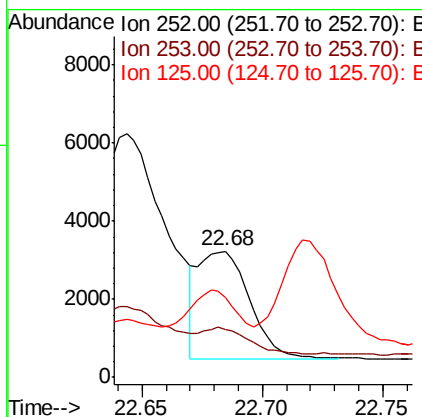
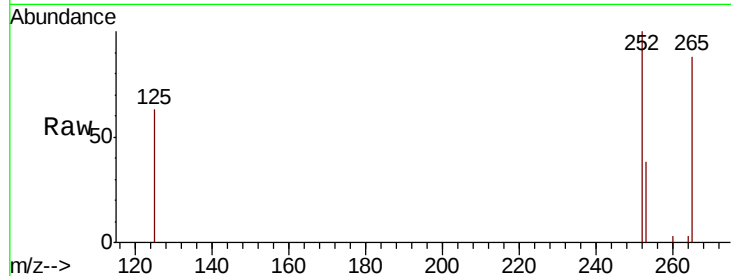
ClientSampleId :

C0BN7

Tot Ion:	252	Resp:	4104
Ion Ratio	Lower	Upper	
252	100		
253	37.7	19.6	29.4#
125	63.3	13.8	20.6#

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#23

Benzo(a)pyrene

Concen: 0.124 ng/ul

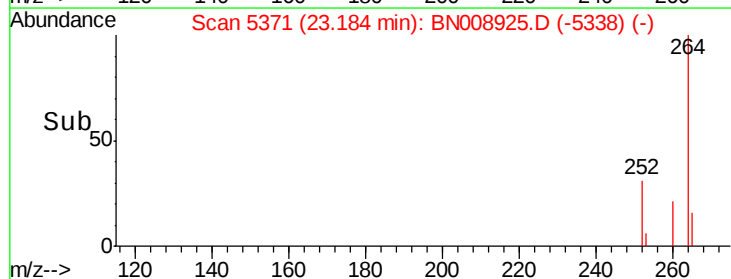
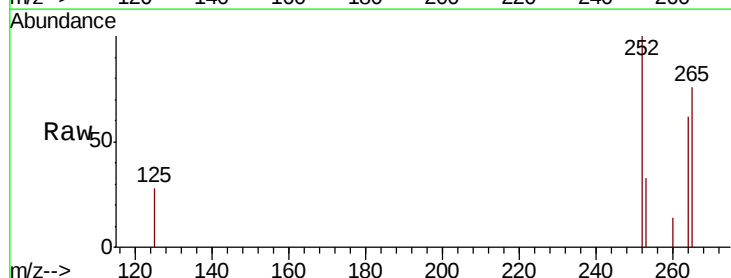
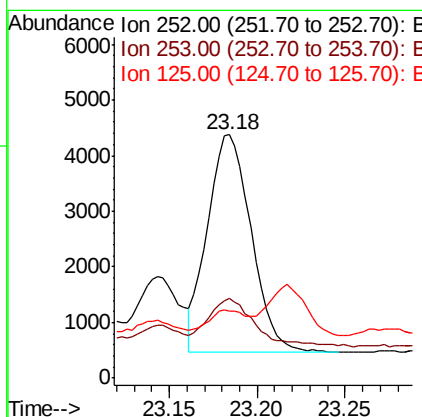
RT: 23.18 min Scan# 5371

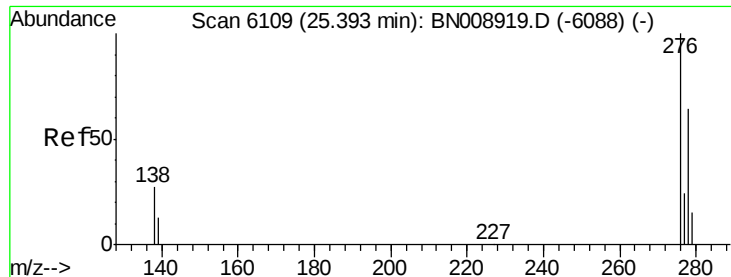
Delta R.T. -0.00 min

Lab File: BN008925.D

Acq: 11 Dec 2019 19:58

Tgt Ion:	252	Resp:	6685
Ion Ratio	Lower	Upper	
252	100		
253	32.5	19.9	29.9#
125	27.6	14.6	22.0#





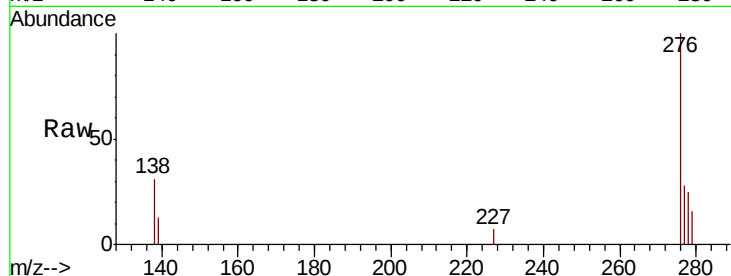
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.01 min
Lab File: BN008925.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_N
ClientSampleId :
C0BN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.8	35.6
227	0.0	0.2	0.2

Manual Integrations
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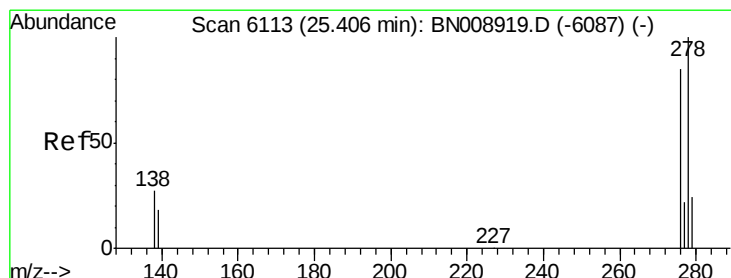
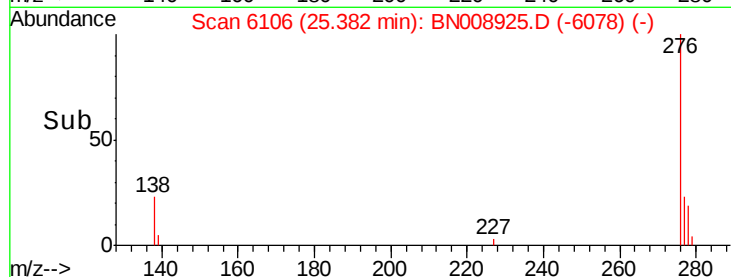
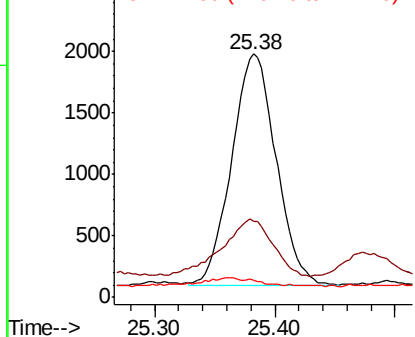


Abundance

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



#25
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008925.D
Acq: 11 Dec 2019 19:58

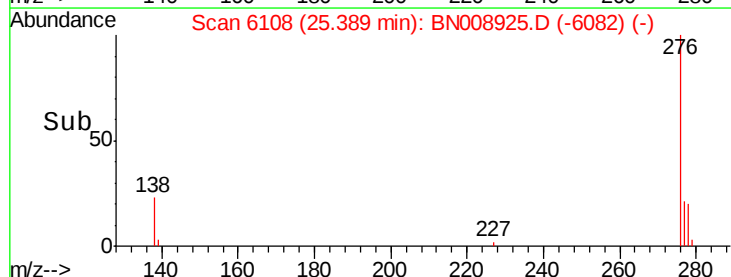
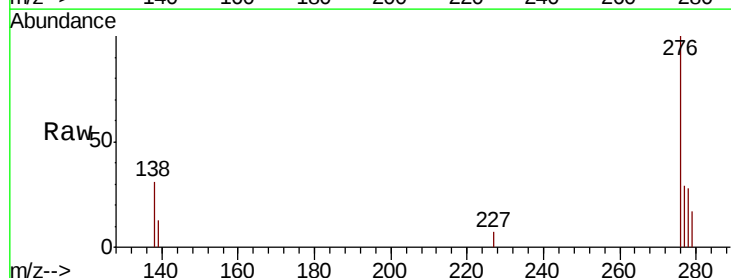
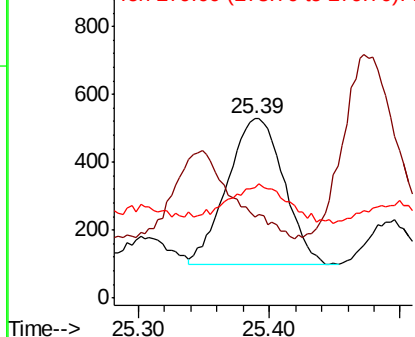
Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.4	17.4	26.0
279	61.5	20.5	30.7

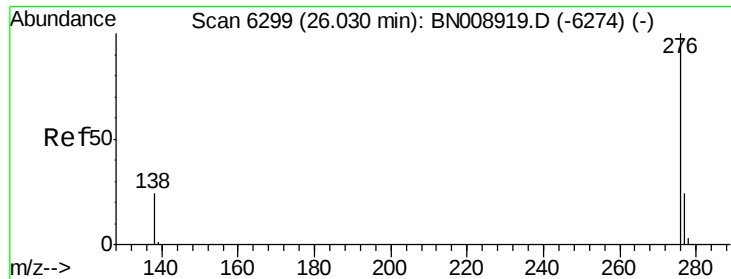
Abundance

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





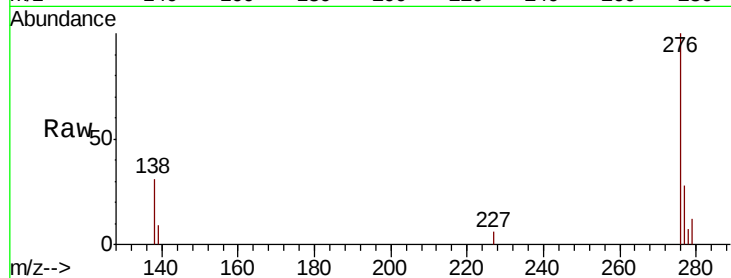
#26
Benzo(a,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008925.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_N
ClientSampleId :
C0BN7

Tot Ion:	276	Resp:	4869
Ion Ratio	Lower	Upper	
276	100		
138	31.1	21.9	32.9
277	28.5	19.9	29.9

Manual Integrations
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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

