

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008933.D
 Acq On : 12 Dec 2019 00:43
 Operator : JU
 Sample : K6088-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP6

Manual Integrations
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mohammad
 12/12/2019 11:32:43 AM

Quant Time: Dec 12 02:51:50 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 : Thu Dec 12 01:20:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2421	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10571	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6942	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16022	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14075	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14413	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2954	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9295	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.90	152	1091	0.028	ng/ul#	82
9) Fluorene	15.24	166	694	0.021	ng/ul#	95
12) Phenanthrene	16.97	178	7993	0.148	ng/ul	99
13) Anthracene	17.06	178	1996	0.039	ng/ul#	90
15) Fluoranthene	18.99	202	19093	0.288	ng/ul	98
17) Pyrene	19.36	202	17480	0.310	ng/ul	99
18) Benzo(a)anthracene	21.11	228	7884	0.139	ng/ul	97
19) Chrysene	21.17	228	7346	0.132	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	9629m	0.162	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	4505m	0.076	ng/ul	
23) Benzo(a)pyrene	23.18	252	6643	0.119	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.38	276	4293	0.066	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.39	278	1239	0.024	ng/ul#	47
26) Benzo(g,h,i)perylene	26.02	276	3984	0.073	ng/ul	94

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

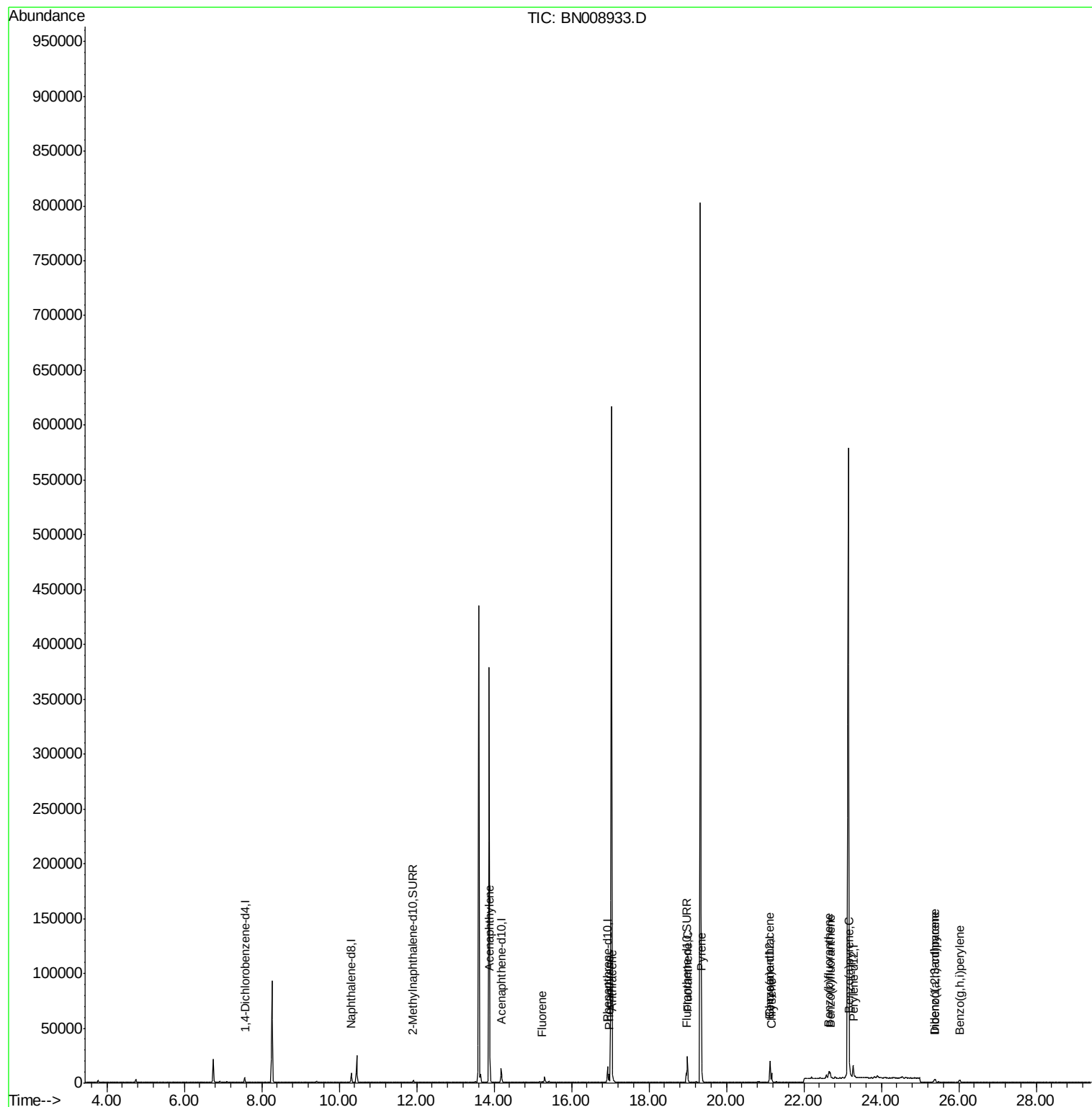
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008933.D
Acq On : 12 Dec 2019 00:43
Operator : JU
Sample : K6088-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

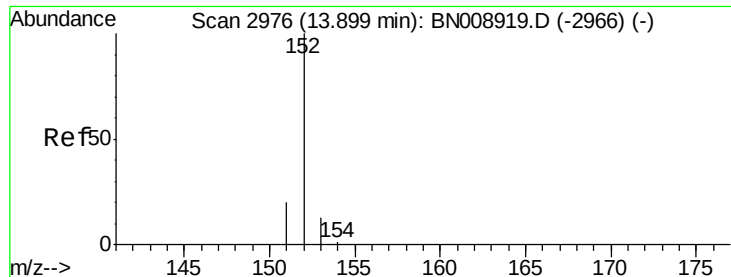
Instrument :
BNA_N
ClientSampleId :
C0BP6

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Quant Time: Dec 12 02:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 01:20:09 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

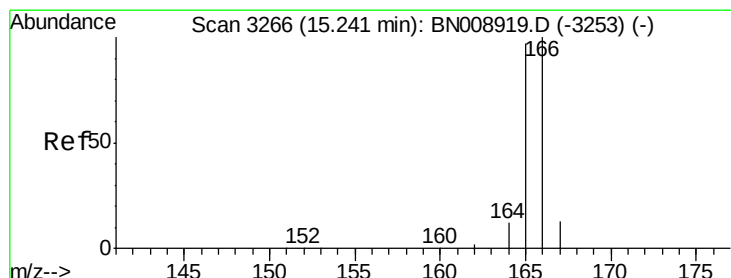
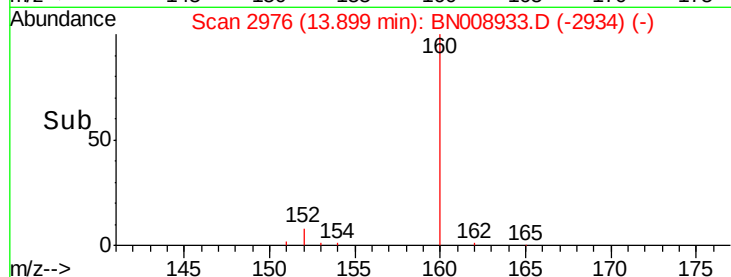
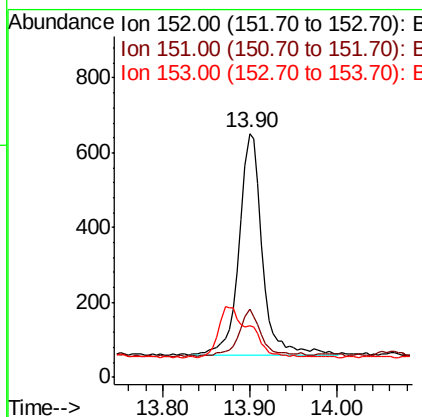
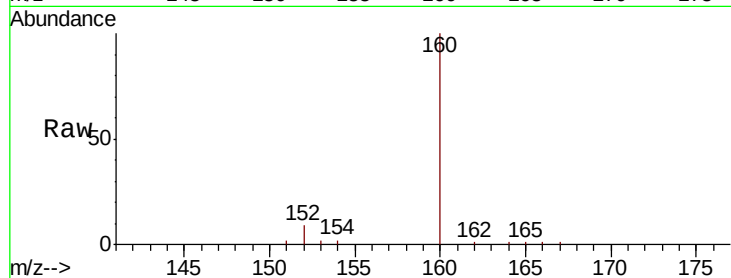
ClientSampleId :

C0BP6

Tot Ion:	152	Resp:	1091
Ion Ratio	Lower	Upper	
152	100		
151	27.8	15.8	23.6#
153	21.0	10.6	15.8#

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#9

Fluorene

Concen: 0.021 ng/ul

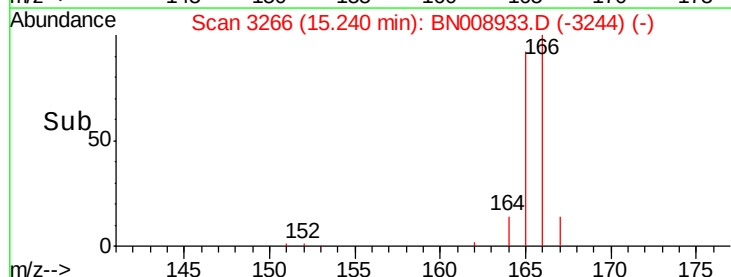
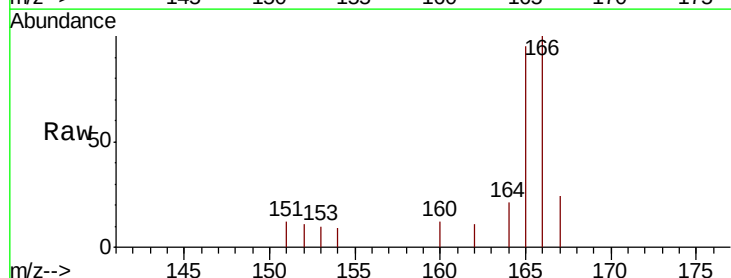
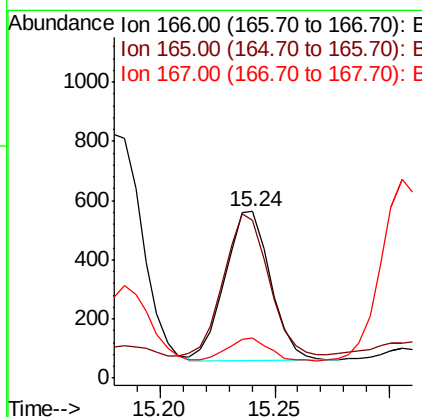
RT: 15.24 min Scan# 3266

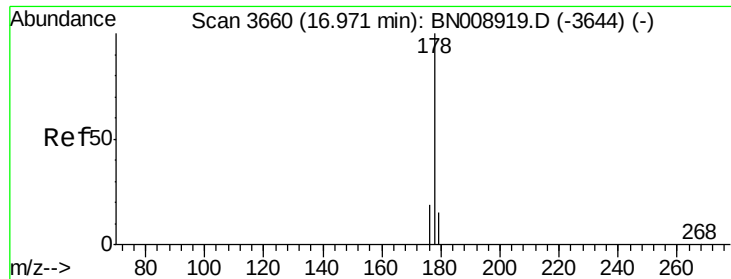
Delta R.T. 0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Tgt Ion:	166	Resp:	694
Ion Ratio	Lower	Upper	
166	100		
165	94.8	77.7	116.5
167	23.8	11.1	16.7#





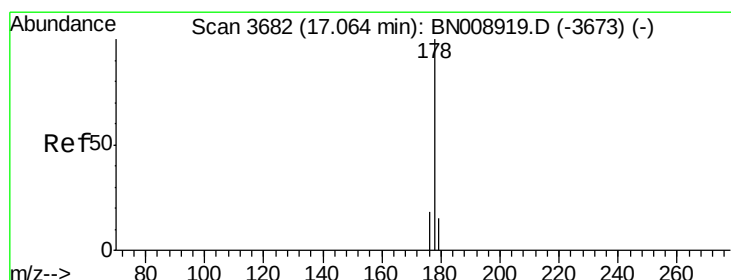
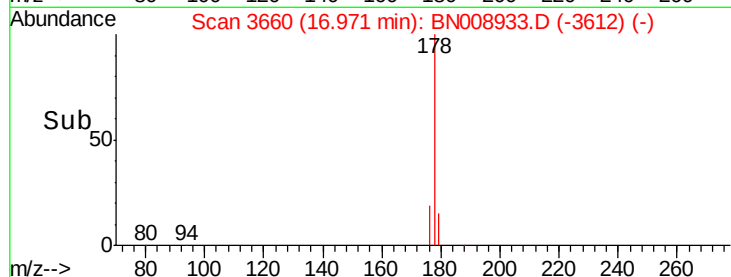
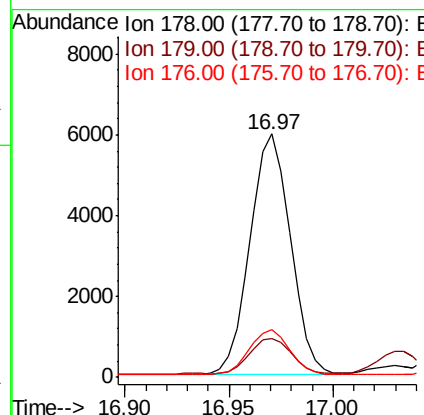
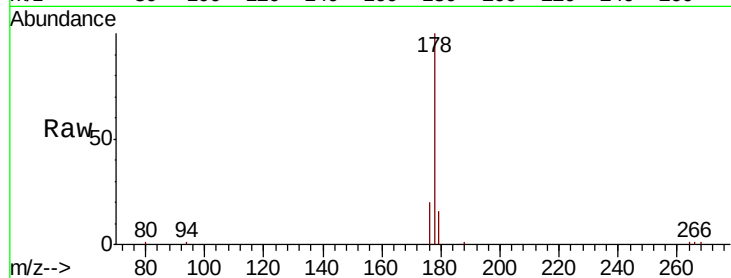
#12
Phenanthrene
Concen: 0.148 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Instrument :
BNA_N
ClientSampleId :
C0BP6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	19.6	15.3	22.9

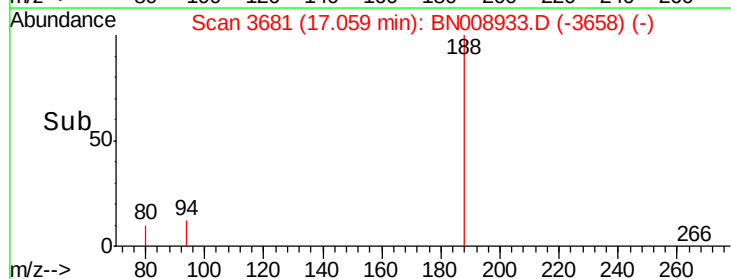
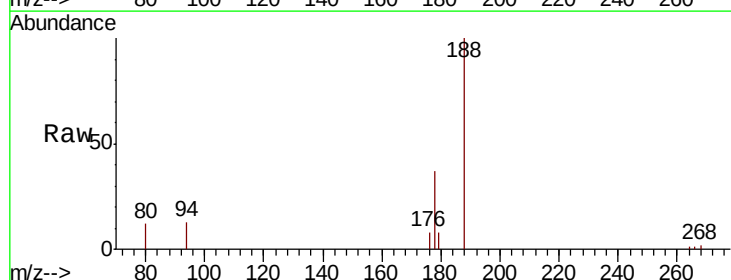
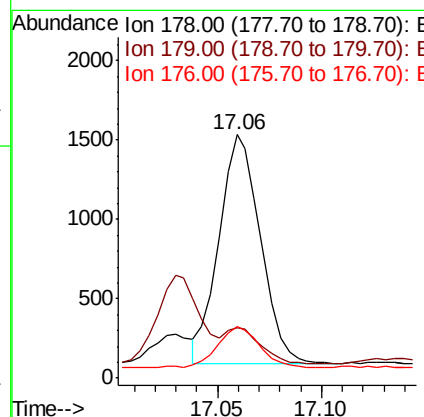
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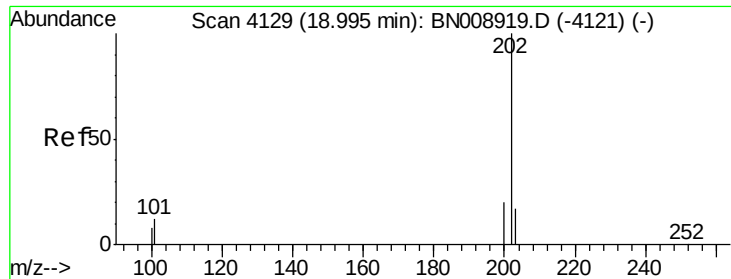
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#13
Anthracene
Concen: 0.039 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.2	18.4#
176	21.3	14.7	22.1





#15

Fluoranthene

Concen: 0.288 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

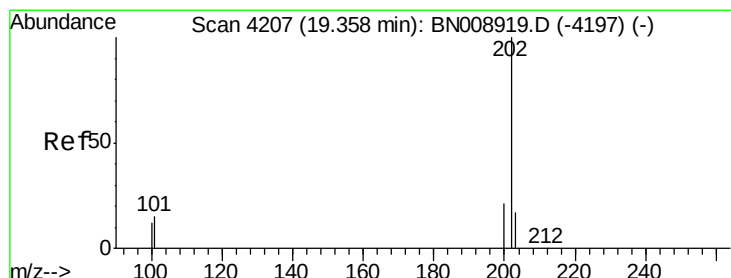
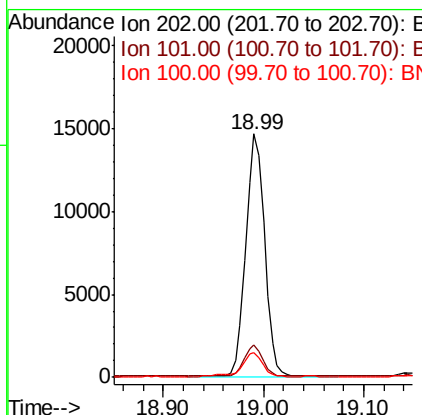
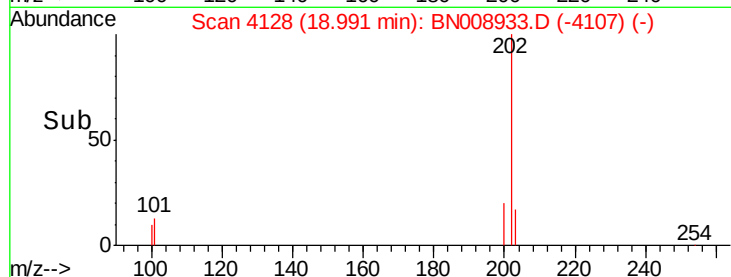
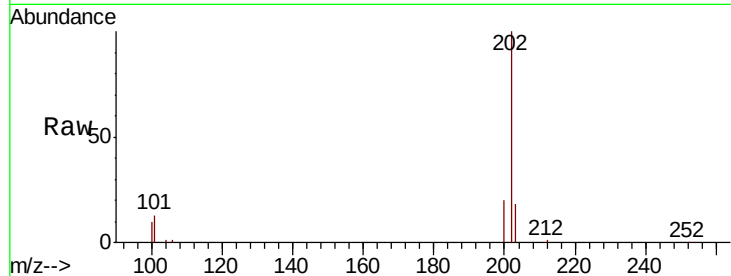
ClientSampleId :

C0BP6

Tot Ion:	202	Resp:	19093
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	32.4
100	10.0	0.0	29.2

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#17

Pyrene

Concen: 0.310 ng/ul

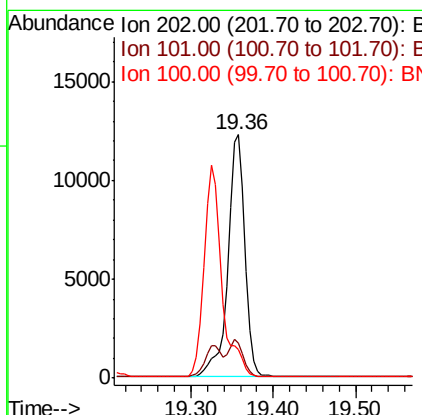
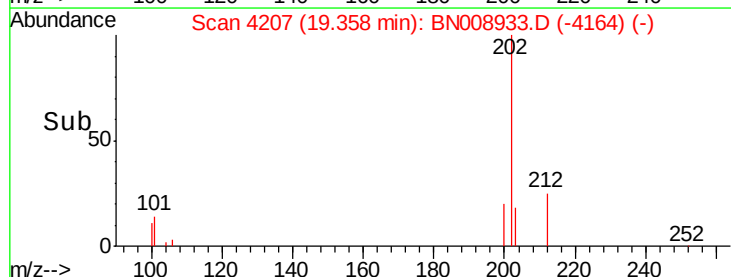
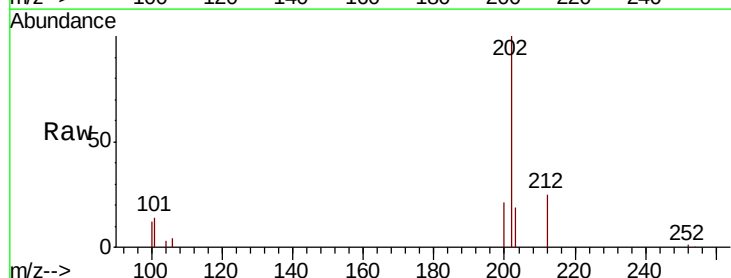
RT: 19.36 min Scan# 4207

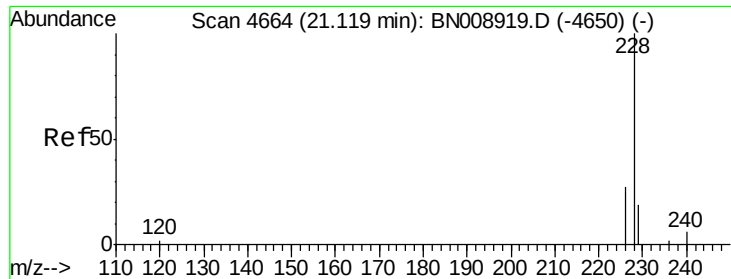
Delta R.T. 0.00 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Tgt Ion:	202	Resp:	17480
Ion Ratio	Lower	Upper	
202	100		
101	14.4	12.2	18.4
100	11.7	9.5	14.3





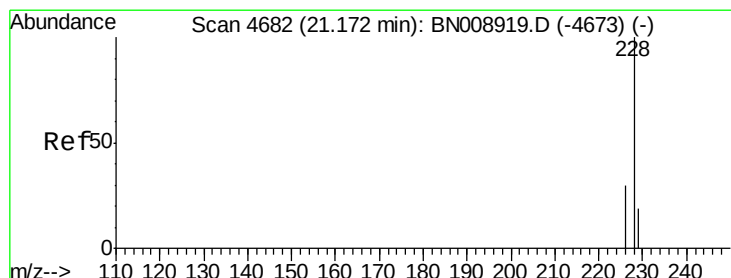
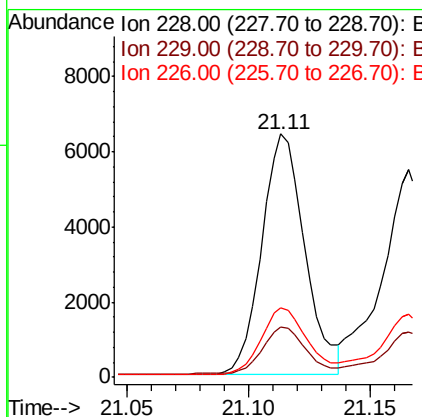
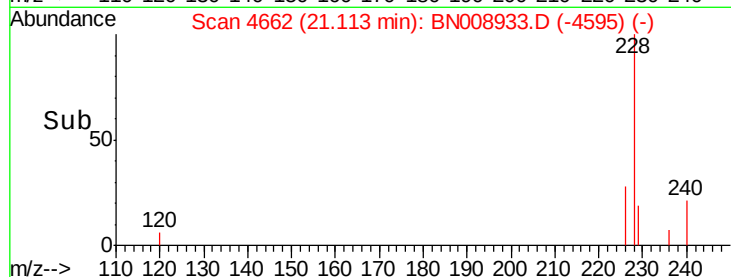
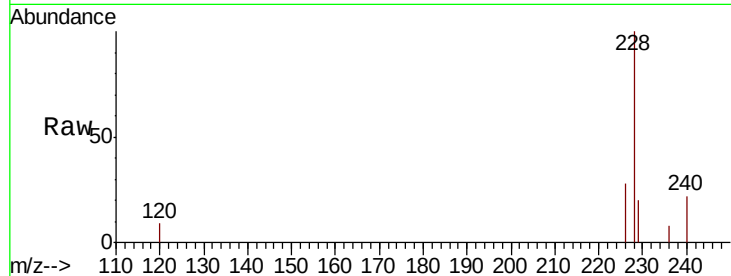
#18
Benzo(a)anthracene
Concen: 0.139 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Instrument :
BNA_N
ClientSampleId :
C0BP6

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	28.5	21.5	32.3

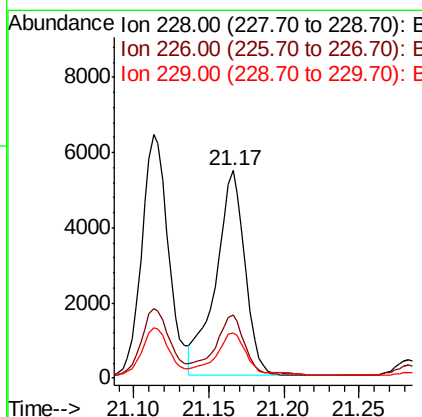
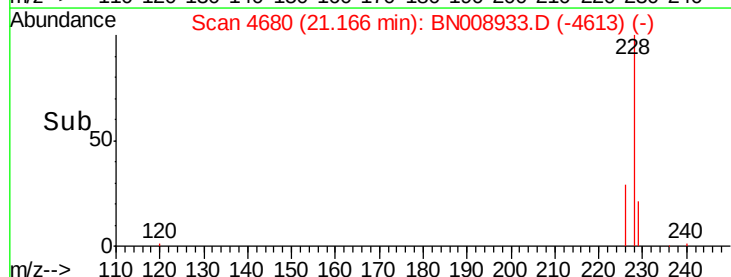
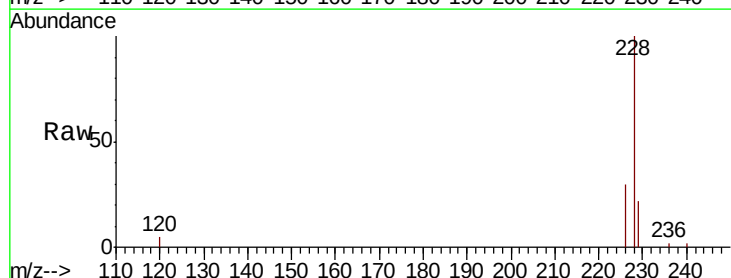
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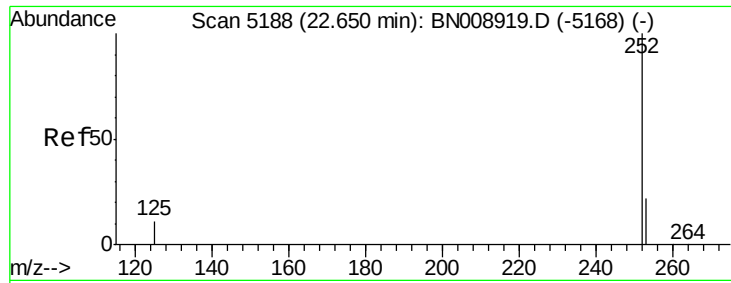
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#19
Chrysene
Concen: 0.132 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	21.8	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 0.162 ng/ul m

RT: 22.64 min Scan# 5185

Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Instrument :

BNA_N

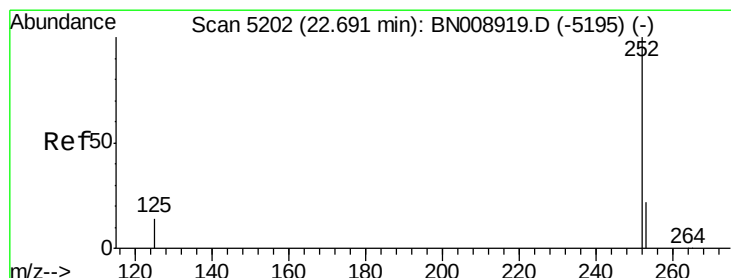
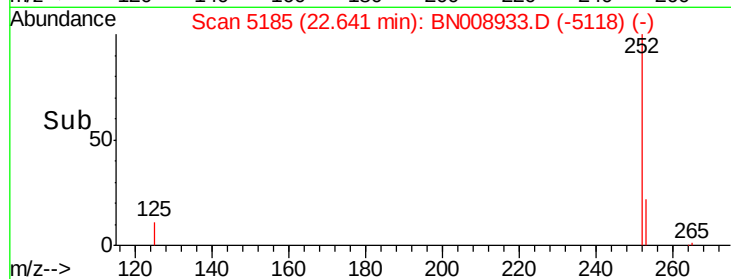
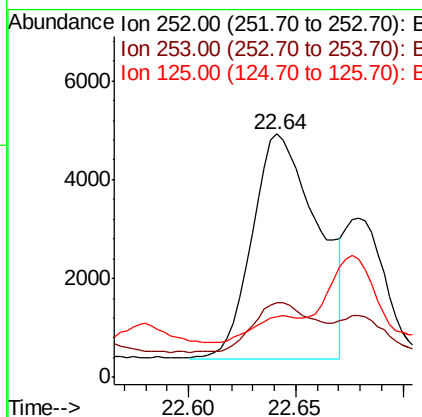
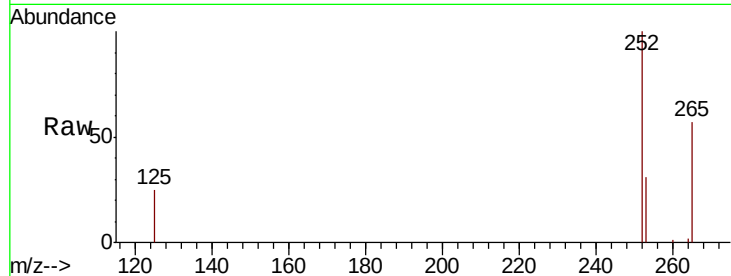
ClientSampleId :

C0BP6

Tot Ion:	252	Resp:	9629
Ion Ratio	Lower	Upper	
252	100		
253	30.7	0.0	48.6
125	25.0	0.0	31.6

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#22

Benzo(k)fluoranthene

Concen: 0.076 ng/ul m

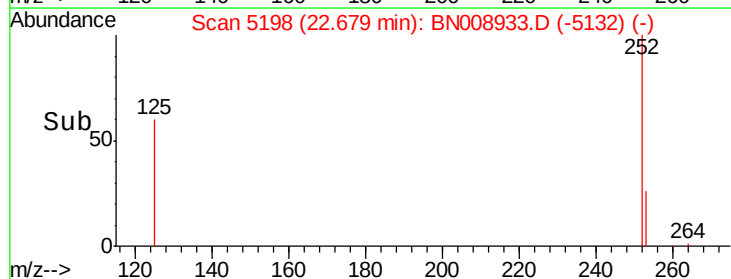
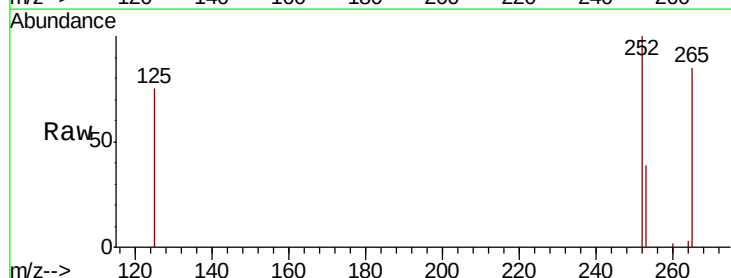
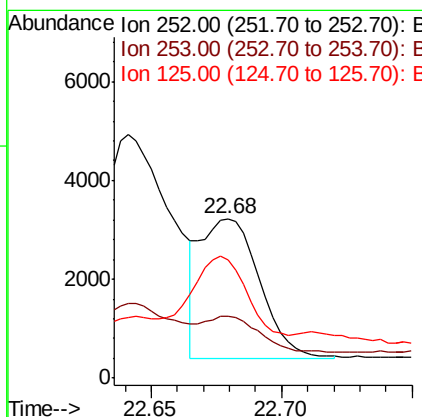
RT: 22.68 min Scan# 5198

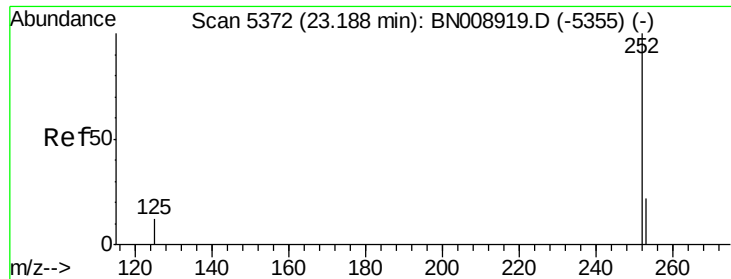
Delta R.T. -0.01 min

Lab File: BN008933.D

Acq: 12 Dec 2019 00:43

Tgt Ion:	252	Resp:	4505
Ion Ratio	Lower	Upper	
252	100		
253	39.0	19.6	29.4#
125	74.6	13.8	20.6#





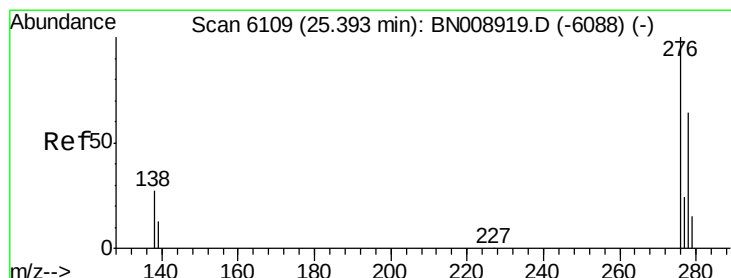
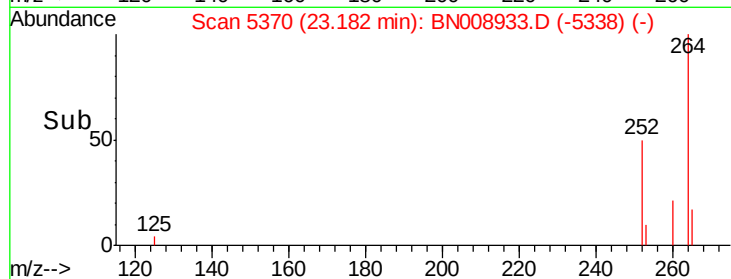
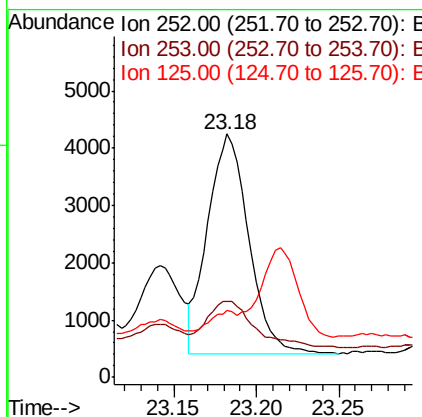
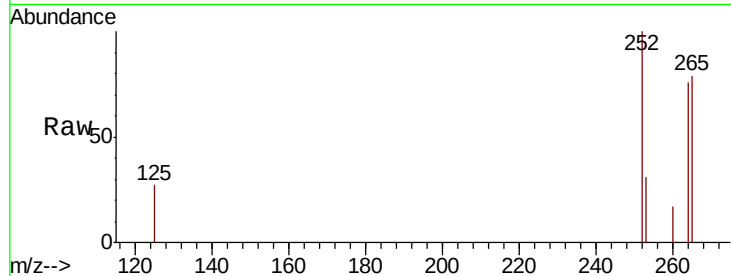
#23
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.18 min Scan# 5370
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Instrument :
BNA_N
ClientSampleId :
C0BP6

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.1	19.9	29.9#
125	27.3	14.6	22.0#

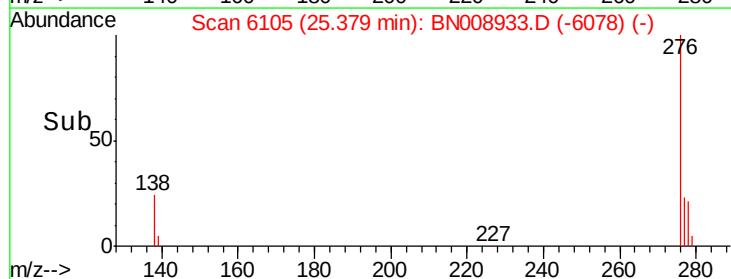
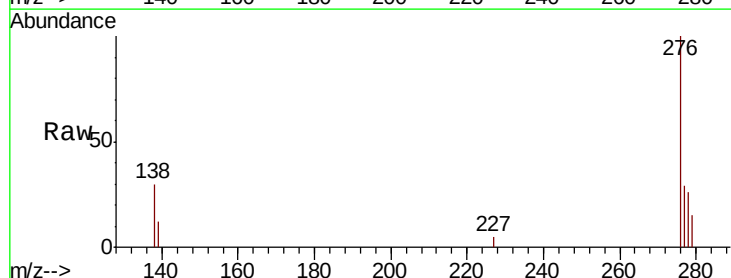
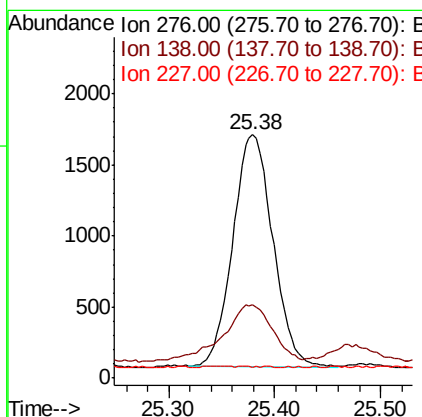
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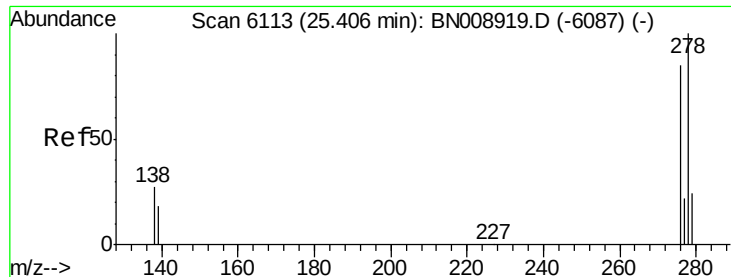
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.8	35.6
227	0.3	0.2	0.2#





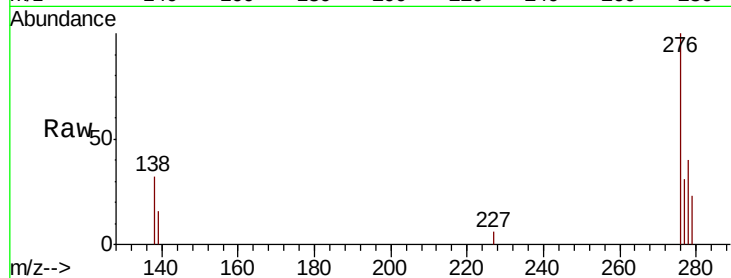
#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Instrument :
BNA_N
ClientSampleId :
C0BP6

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.3	17.4	26.0#
279	58.1	20.5	30.7#

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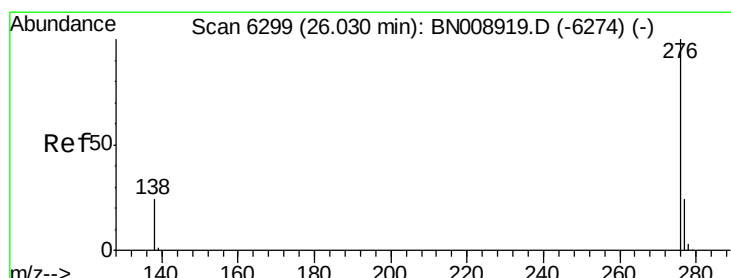
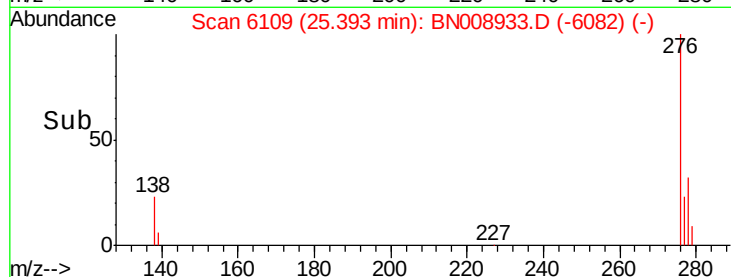
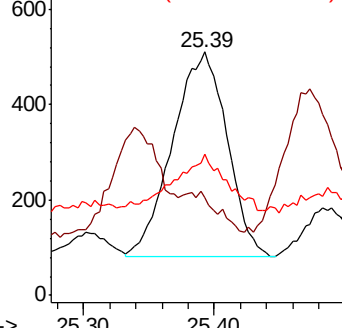


Abundance

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(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008933.D
Acq: 12 Dec 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.9	32.9
277	28.4	19.9	29.9

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

