

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
 Data File : BN008814.D
 Acq On : 02 Dec 2019 14:54
 Operator : JU
 Sample : K5851-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
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Quant Time: Dec 02 15:27:52 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4823	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	19891	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11035	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	23043	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	17944	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	15830	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	4990	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	11219	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1462	0.024	ng/ul#	83
7) Acenaphthylene	13.93	152	5765	0.094	ng/ul	96
12) Phenanthrene	17.00	178	18167	0.234	ng/ul	99
13) Anthracene	17.09	178	4058	0.055	ng/ul#	91
15) Fluoranthene	19.02	202	46954	0.492	ng/ul	99
17) Pyrene	19.39	202	40339	0.560	ng/ul	99
18) Benzo(a)anthracene	21.15	228	19235	0.267	ng/ul#	84
19) Chrysene	21.20	228	19152	0.270	ng/ul#	87
21) Benzo(b)fluoranthene	22.69	252	21339m	0.327	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	7965m	0.123	ng/ul	
23) Benzo(a)pyrene	23.23	252	15096	0.246	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.45	276	9244	0.129	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.46	278	2117	0.037	ng/ul#	1
26) Benzo(g,h,i)perylene	26.10	276	8993	0.150	ng/ul#	70

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

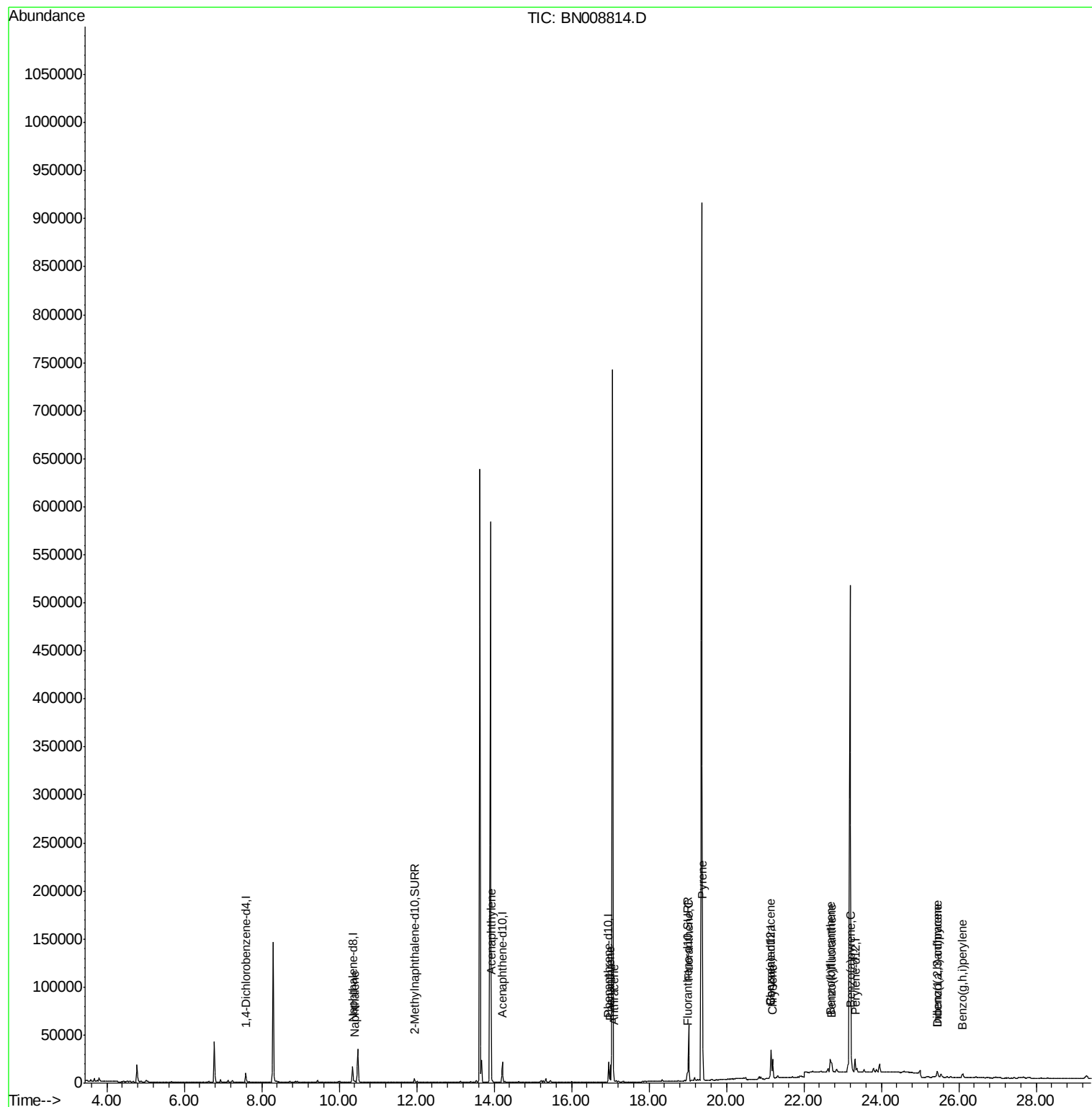
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008814.D
Acq On : 02 Dec 2019 14:54
Operator : JU
Sample : K5851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

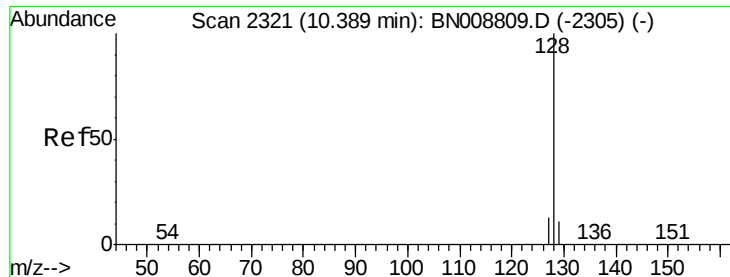
Instrument :
BNA_N
ClientSampleId :
C0AA9

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Quant Time: Dec 02 15:27:52 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.01 min

Lab File: BN008814.D

Acq: 02 Dec 2019 14:54

Instrument :

BNA_N

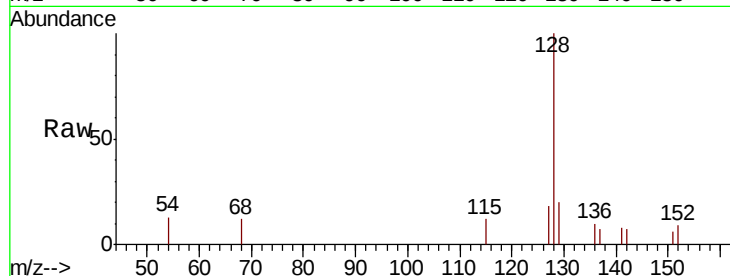
ClientSampleId :

C0AA9

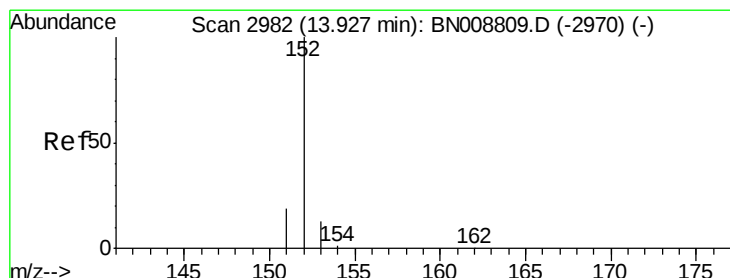
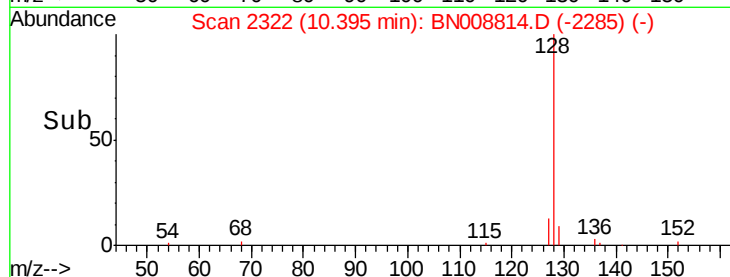
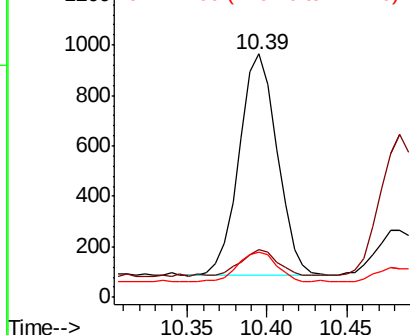
Tot Ion:	128	Resp:	1462
Ion Ratio	Lower	Upper	
128	100		
129	19.6	9.1	13.7#
127	18.4	10.7	16.1#

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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



#7

Acenaphthylene

Concen: 0.094 ng/ul

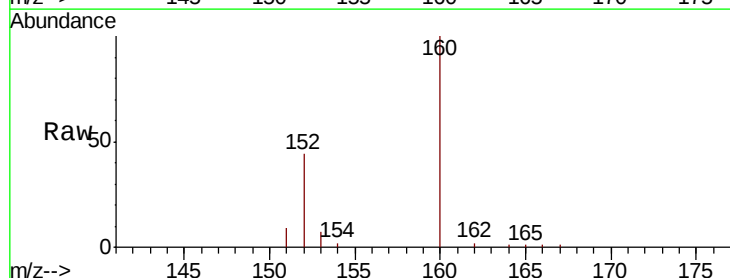
RT: 13.93 min Scan# 2983

Delta R.T. 0.00 min

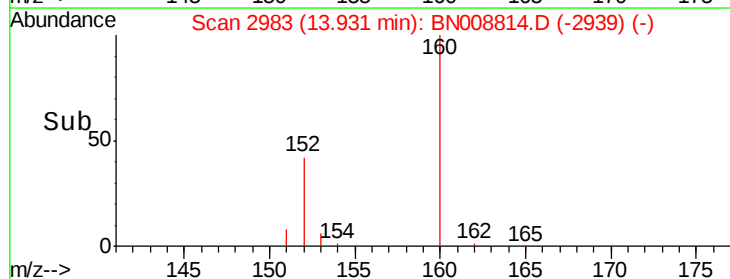
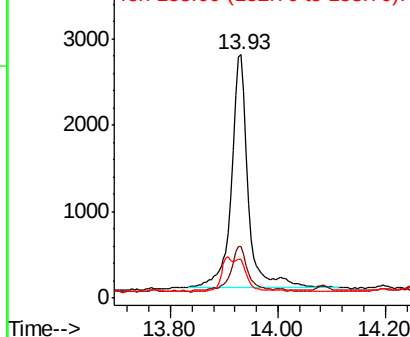
Lab File: BN008814.D

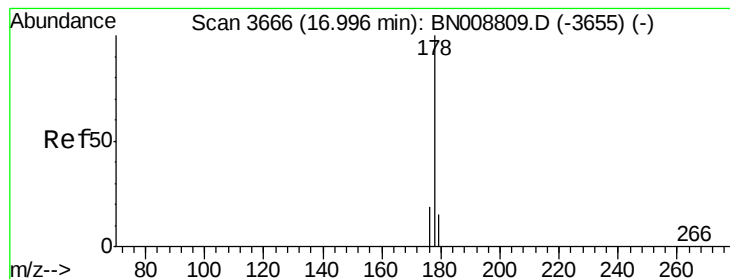
Acq: 02 Dec 2019 14:54

Tgt Ion:	152	Resp:	5765
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.8	23.6
153	15.7	10.6	15.8



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





#12

Phenanthrene

Concen: 0.234 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BN008814.D

Acq: 02 Dec 2019 14:54

Instrument :

BNA_N

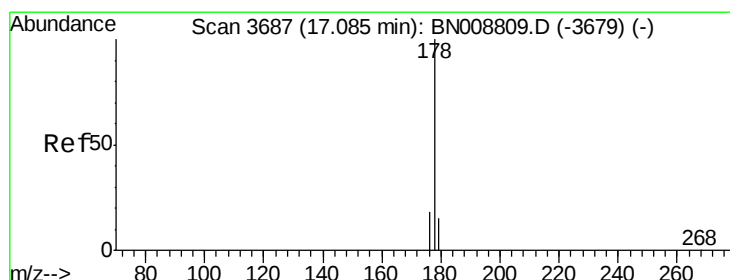
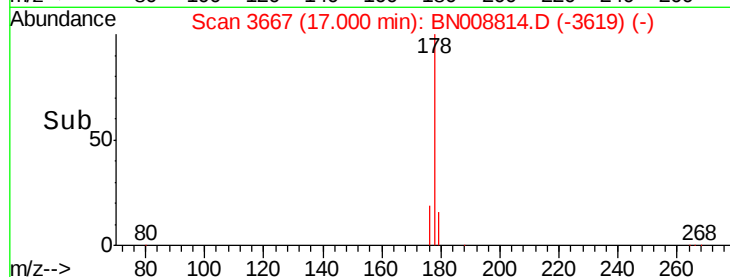
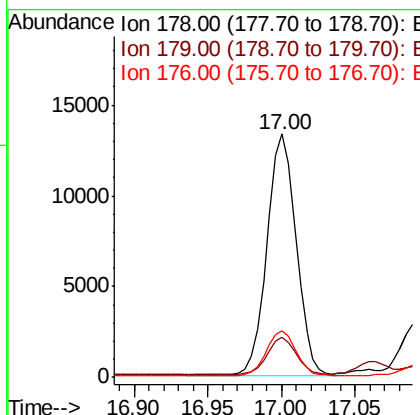
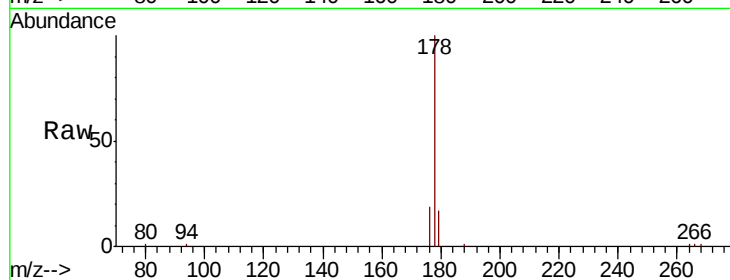
ClientSampleId :

C0AA9

Tot Ion:178	Resp:	18167
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.6 18.8
176	19.2	15.3 22.9

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#13

Anthracene

Concen: 0.055 ng/ul

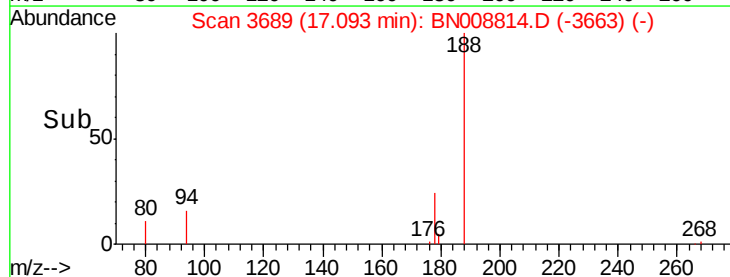
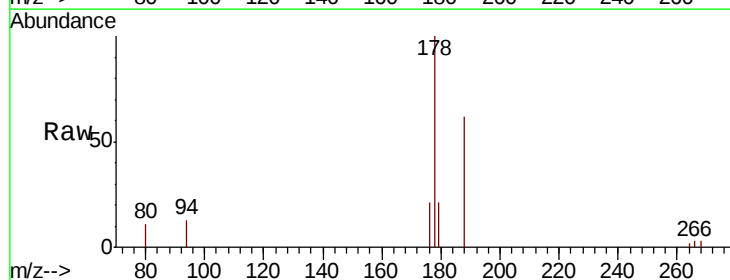
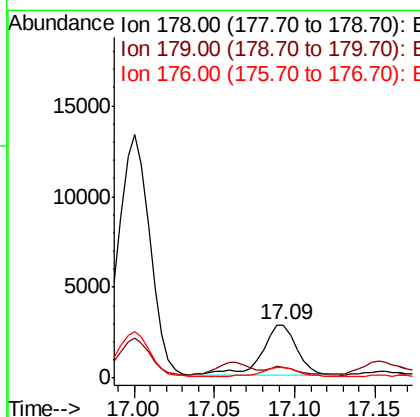
RT: 17.09 min Scan# 3689

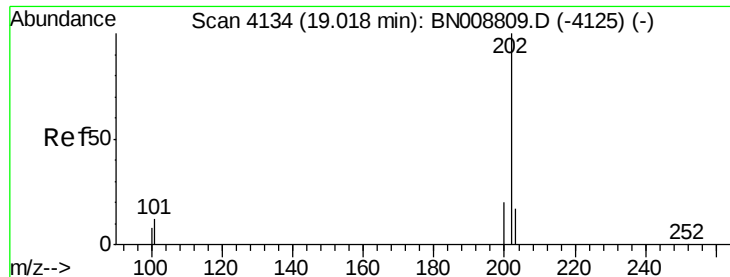
Delta R.T. 0.01 min

Lab File: BN008814.D

Acq: 02 Dec 2019 14:54

Tgt Ion:178	Resp:	4058
Ion Ratio	Lower	Upper
178	100	
179	20.7	12.2 18.4#
176	20.8	14.7 22.1





#15

Fluoranthene

Concen: 0.492 ng/ul

RT: 19.02 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BN008814.D

Acq: 02 Dec 2019 14:54

Instrument :

BNA_N

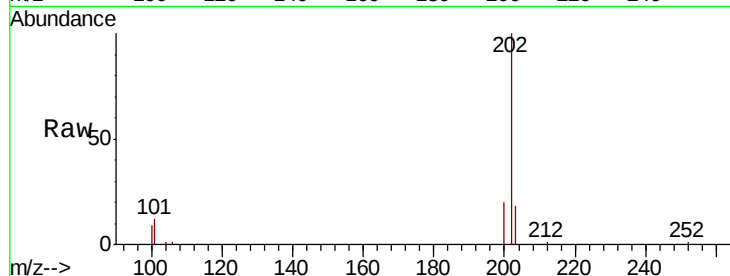
ClientSampleId :

C0AA9

Tot Ion:	202	Resp:	46954
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.4
100	8.9	0.0	29.2

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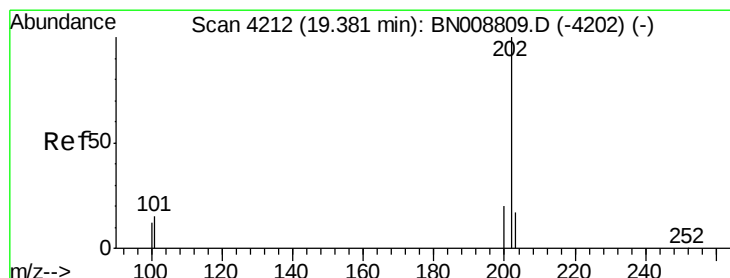
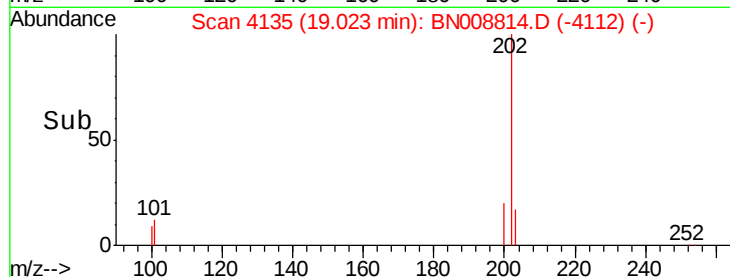
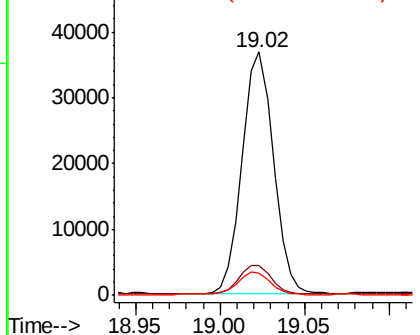
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.560 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN008814.D

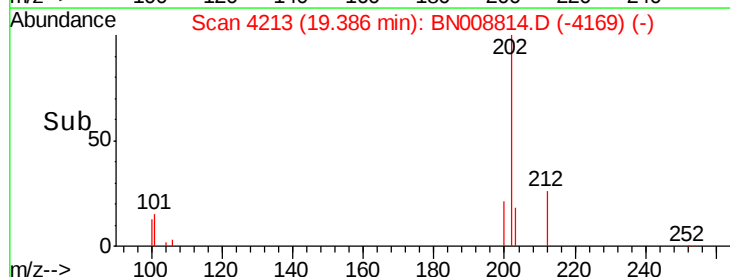
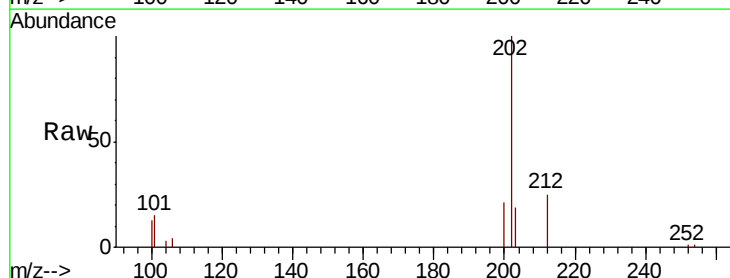
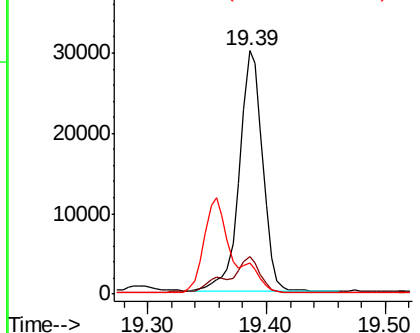
Acq: 02 Dec 2019 14:54

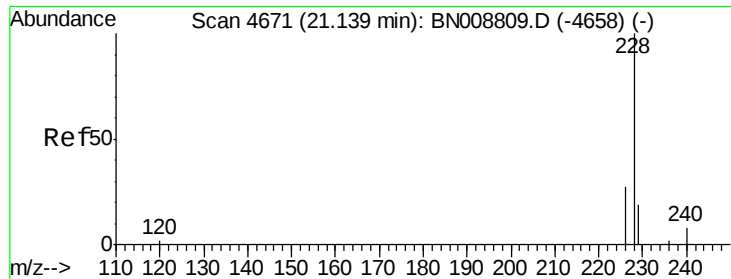
Tgt Ion:	202	Resp:	40339
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.2	18.4
100	12.9	9.5	14.3

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





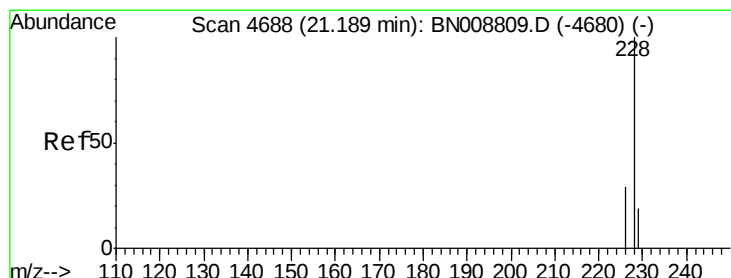
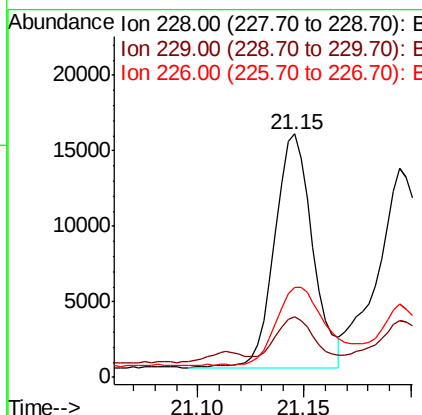
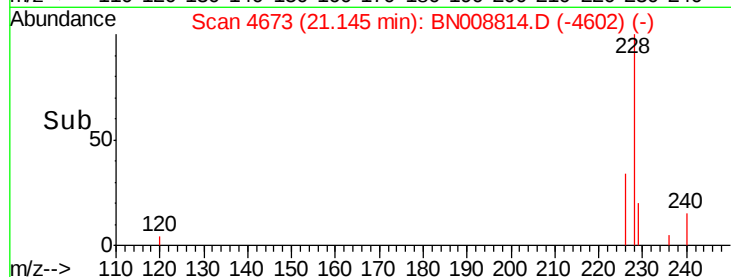
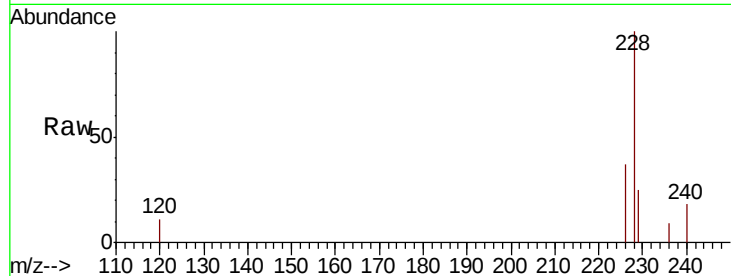
#18
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.7	23.5#
226	36.9	21.5	32.3#

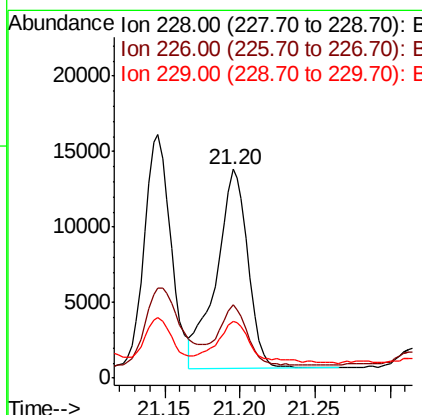
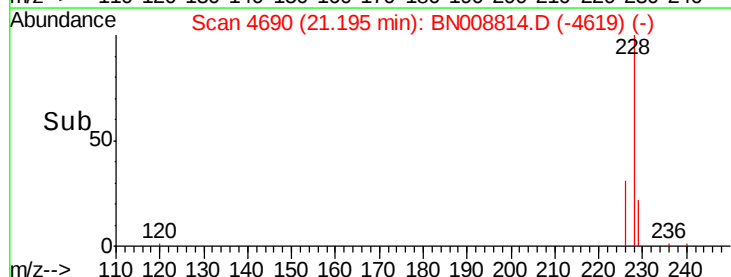
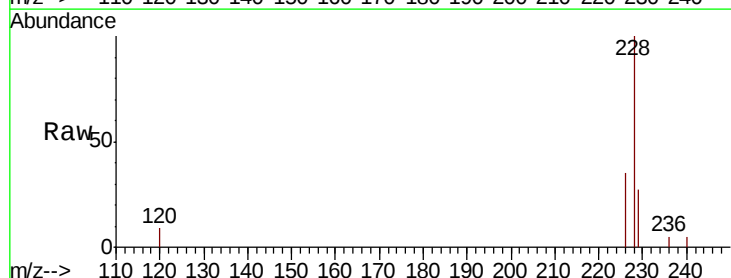
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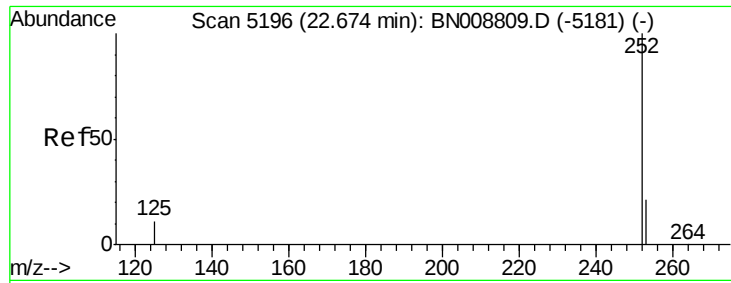
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#19
Chrysene
Concen: 0.270 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.8	35.6
229	27.3	15.6	23.4#





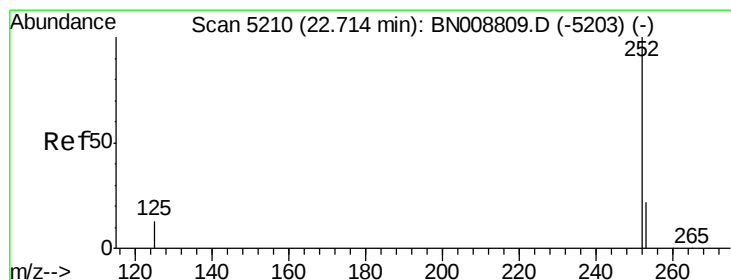
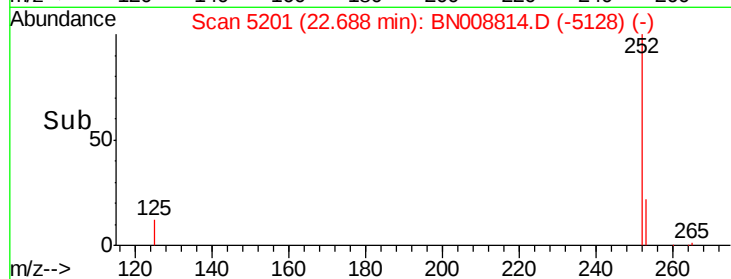
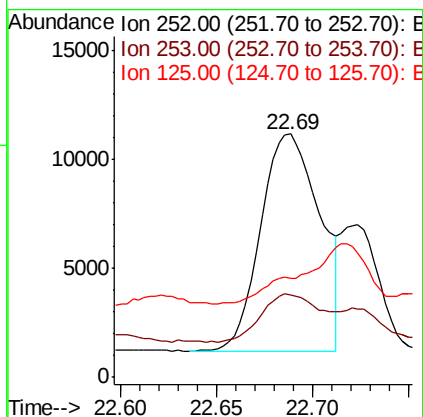
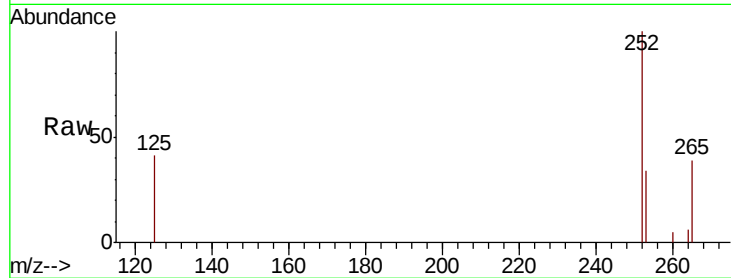
#21
Benzo(b)fluoranthene
Concen: 0.327 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Instrument :
BNA_N
ClientSampled :
C0AA9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	33.6	0.0	48.6
125	40.9	0.0	31.6#

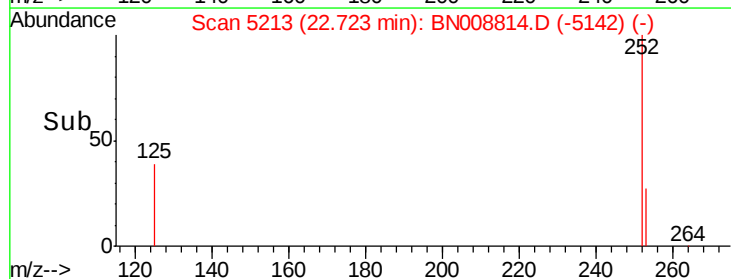
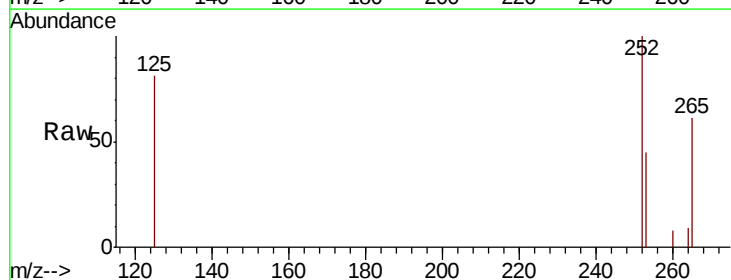
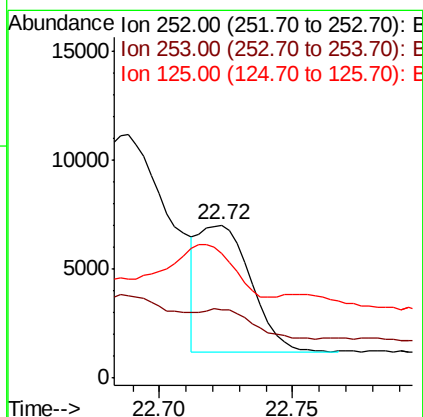
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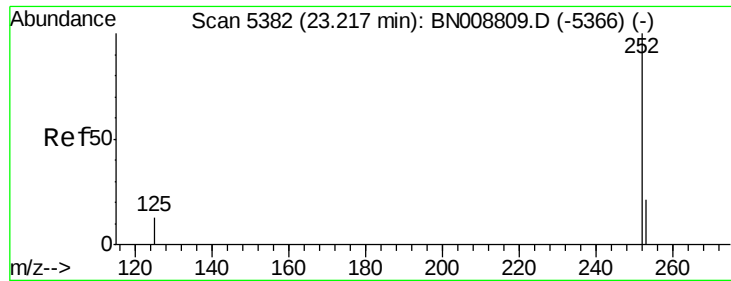
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#22
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	44.6	19.6	29.4#
125	81.2	13.8	20.6#





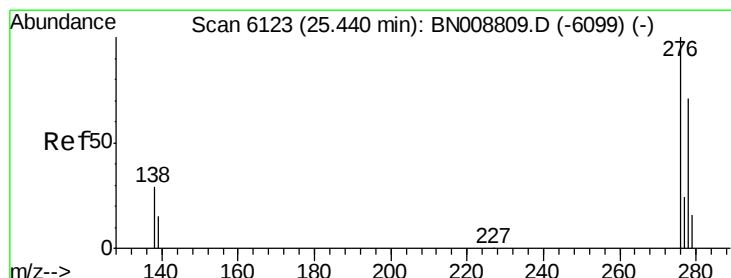
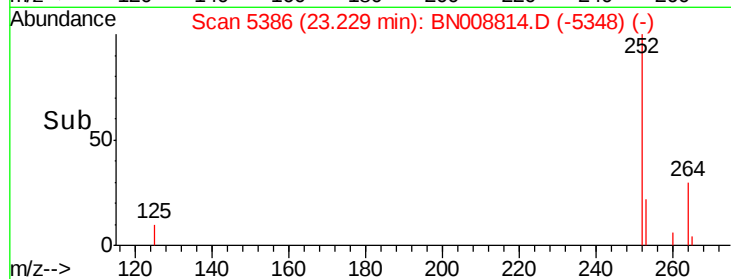
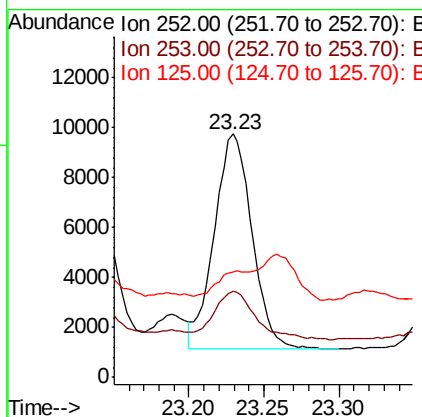
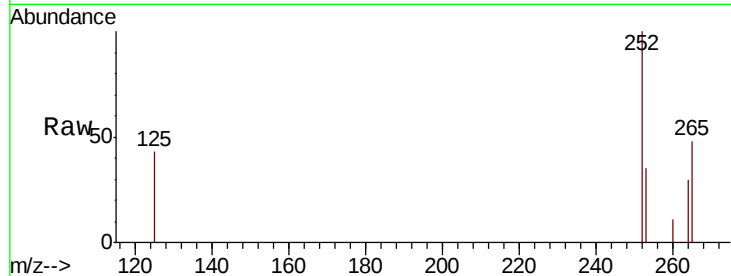
#23
Benzo(a)pyrene
Concen: 0.246 ng/uL
RT: 23.23 min Scan# 5386
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.3	19.9	29.9#
125	43.1	14.6	22.0#

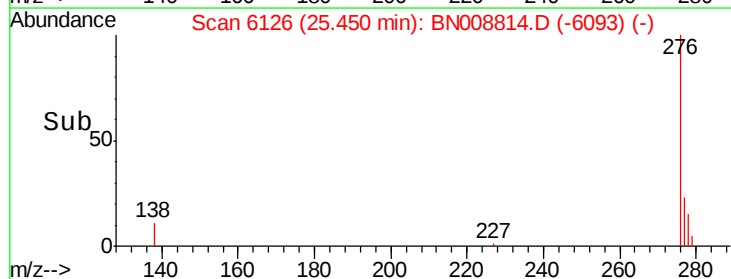
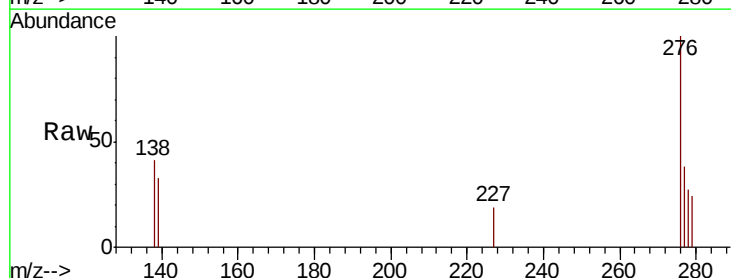
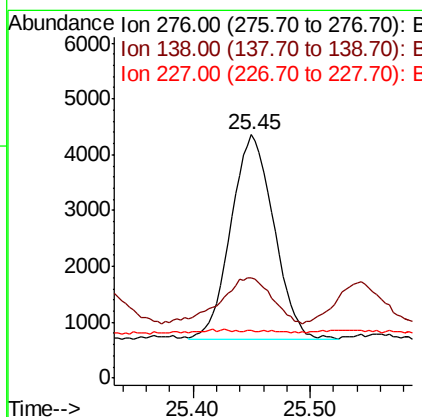
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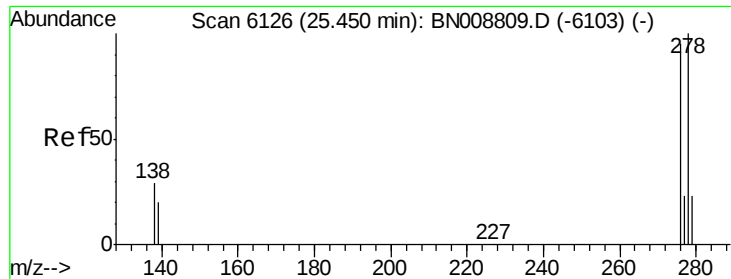
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/uL
RT: 25.45 min Scan# 6126
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.8	35.6
227	0.0	0.2	0.2#





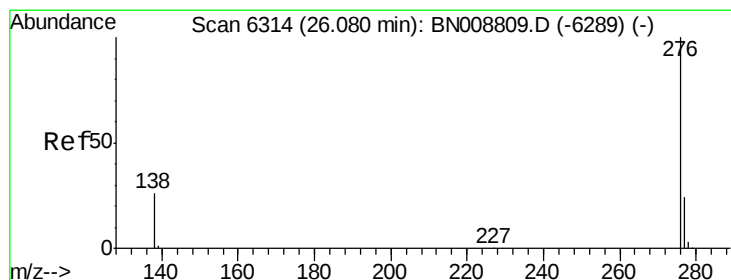
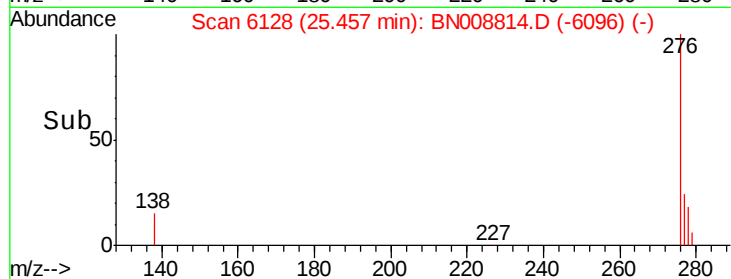
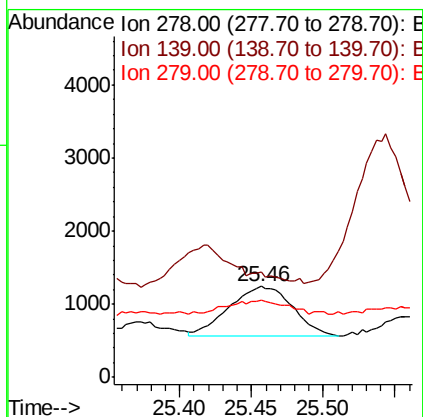
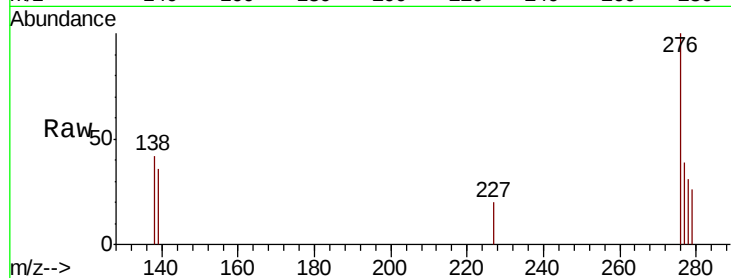
#25
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. 0.01 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
278	100		
139	115.5	17.4	26.0#
279	84.8	20.5	30.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 26.10 min Scan# 6320
Delta R.T. 0.02 min
Lab File: BN008814.D
Acq: 02 Dec 2019 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.5	21.9	32.9#
277	39.6	19.9	29.9#

