

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008973.D
 Acq On : 13 Dec 2019 18:23
 Operator : JU
 Sample : K6089-19DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR5DL

Manual Integrations
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Quant Time: Dec 13 23:11:36 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 : Fri Dec 13 22:56:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2438	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10978	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7266	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16916	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14406	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	13744	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1715	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	5074	0.10	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	4376	0.132	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	3400	0.147	ng/ul	99
7) Acenaphthylene	13.89	152	9040	0.225	ng/ul	98
12) Phenanthrene	16.97	178	13672	0.240	ng/ul	99
13) Anthracene	17.06	178	5986	0.111	ng/ul	96
15) Fluoranthene	18.99	202	46103	0.658	ng/ul	100
17) Pyrene	19.35	202	44888	0.777	ng/ul	99
18) Benzo(a)anthracene	21.11	228	48292	0.834	ng/ul	94
19) Chrysene	21.16	228	60403	1.062	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	77706m	1.371	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	26168m	0.466	ng/ul	
23) Benzo(a)pyrene	23.18	252	43557	0.819	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.38	276	24322	0.391	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.38	278	7202	0.143	ng/ul#	85
26) Benzo(g,h,i)perylene	26.02	276	21020	0.404	ng/ul	99

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

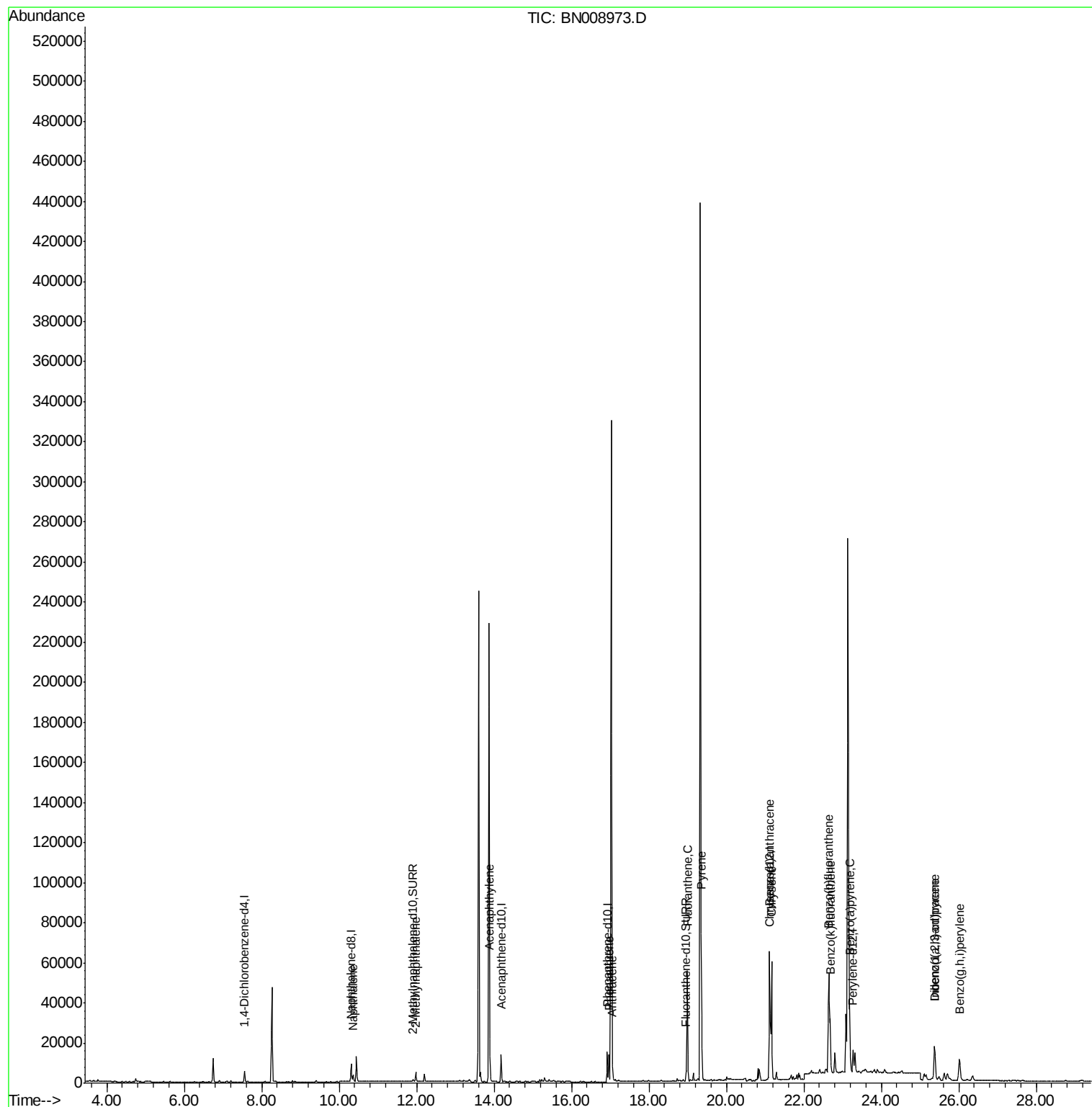
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008973.D
Acq On : 13 Dec 2019 18:23
Operator : JU
Sample : K6089-19DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

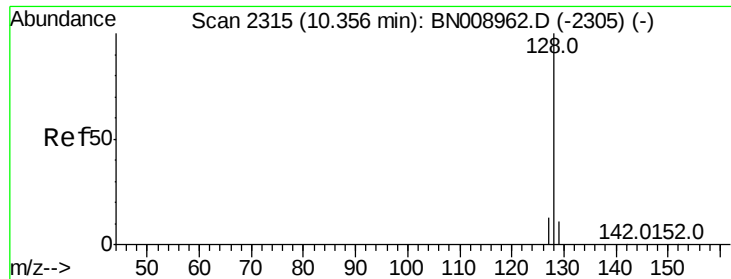
Instrument :
BNA_N
ClientSampleId :
C0BR5DL

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Quant Time: Dec 13 23:11:36 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 : Fri Dec 13 22:56:27 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.132 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Instrument :

BNA_N

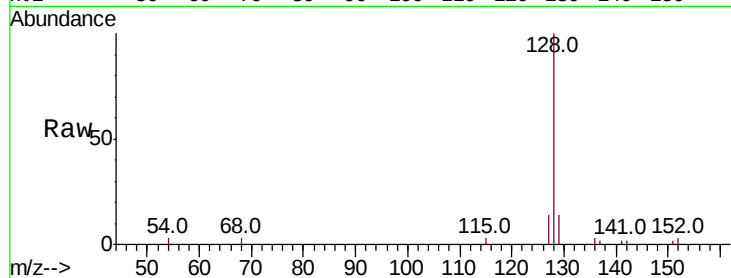
ClientSampleId :

C0BR5DL

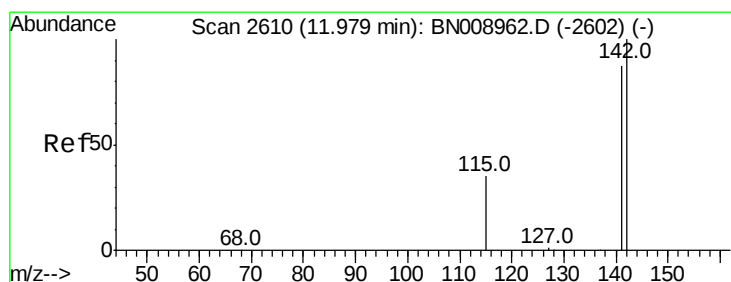
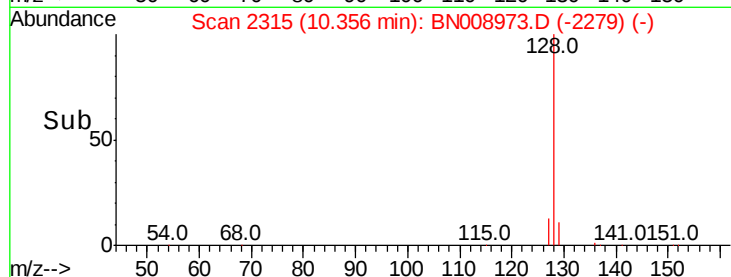
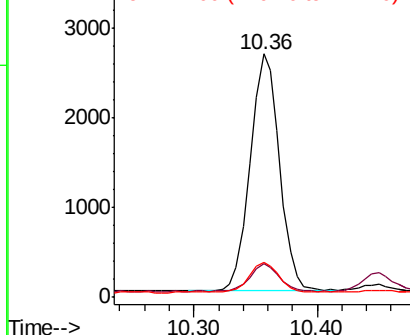
Tot Ion:	128	Resp:	4376
Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.1	13.7
127	14.4	10.7	16.1

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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



#5

2-Methylnaphthalene

Concen: 0.147 ng/ul

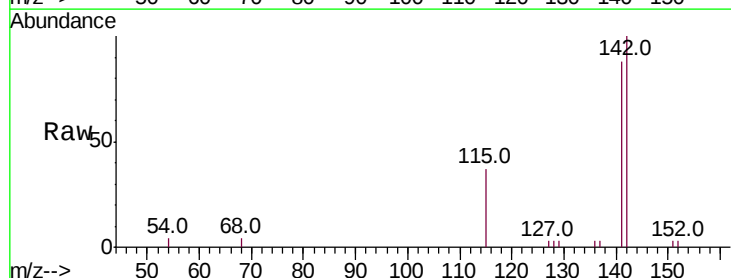
RT: 11.98 min Scan# 2610

Delta R.T. -0.00 min

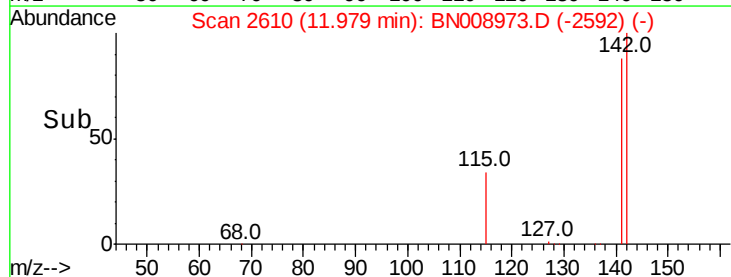
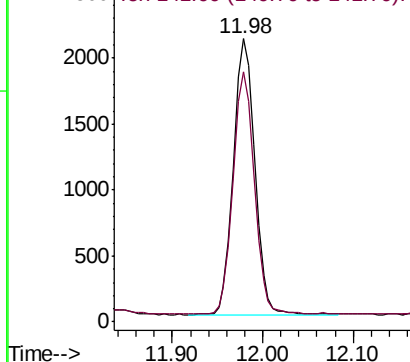
Lab File: BN008973.D

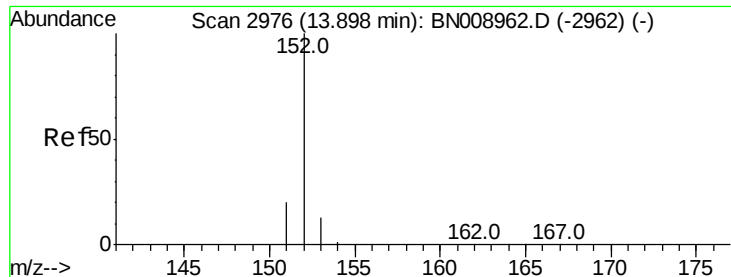
Acq: 13 Dec 2019 18:23

Tgt Ion:	142	Resp:	3400
Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.1	105.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.225 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Instrument :

BNA_N

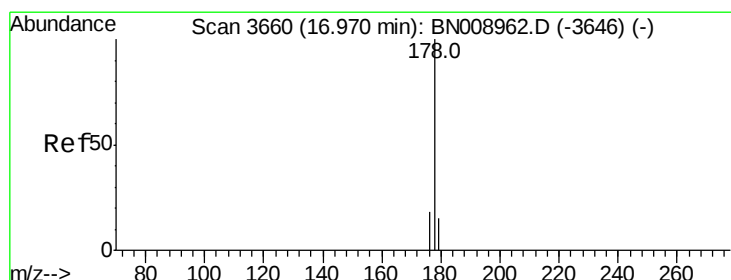
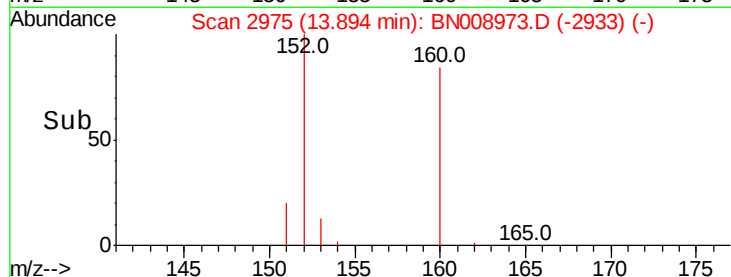
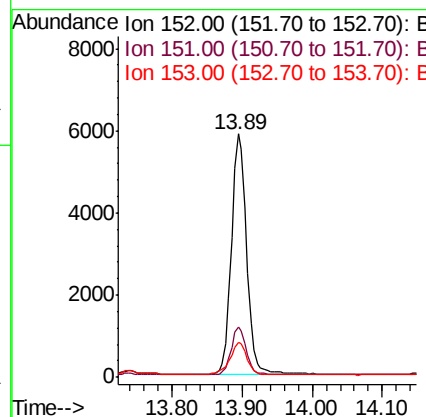
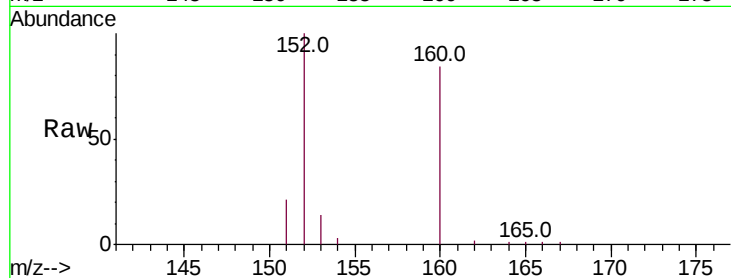
ClientSampleId :

C0BR5DL

Tot Ion:	152	Resp:	9040
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.6
153	14.2	10.6	15.8

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#12

Phenanthrene

Concen: 0.240 ng/ul

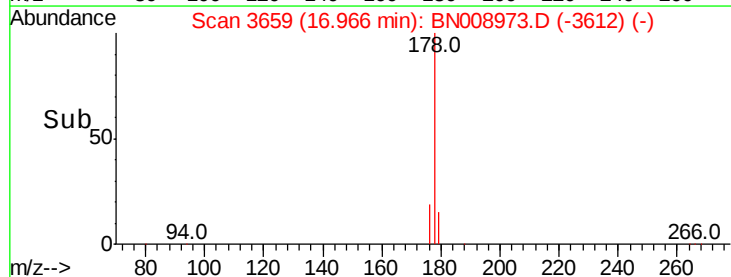
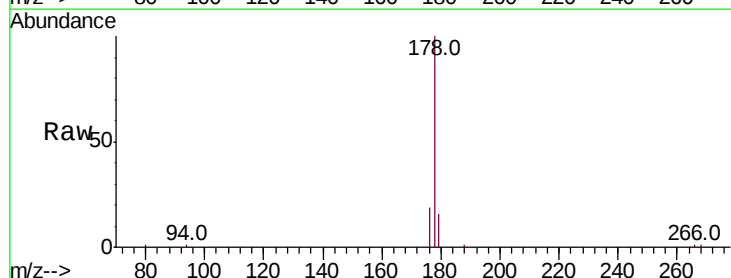
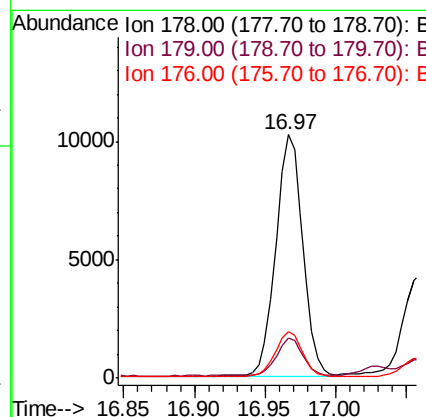
RT: 16.97 min Scan# 3659

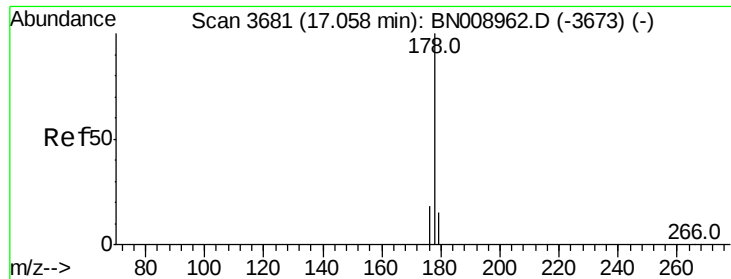
Delta R.T. -0.00 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Tgt Ion:	178	Resp:	13672
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.3	15.3	22.9





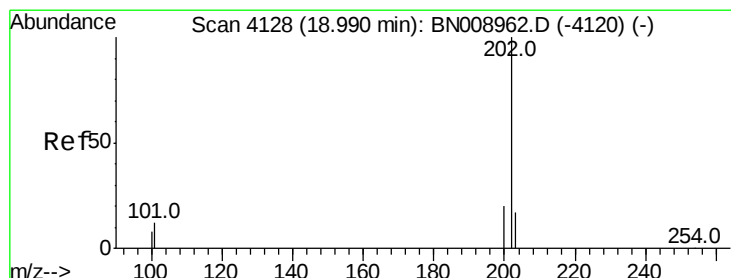
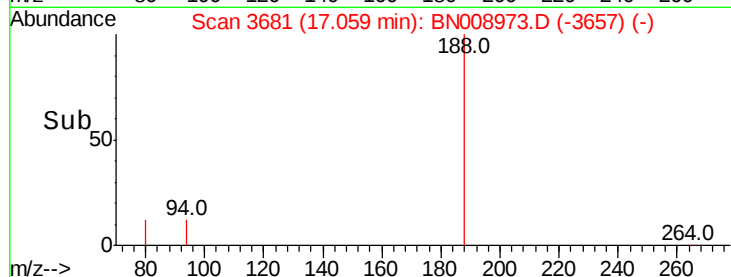
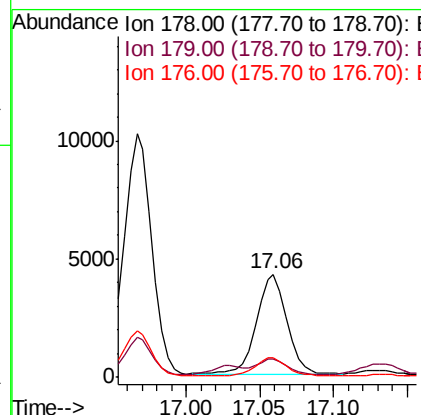
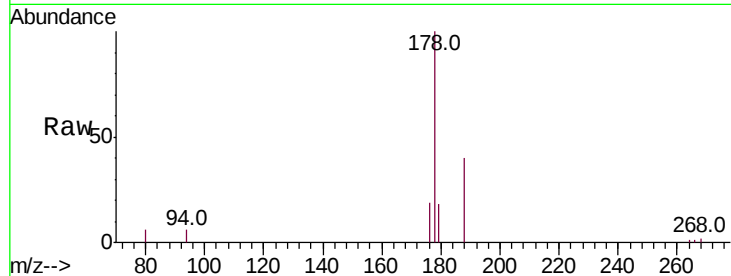
#13
 Anthracene
 Concen: 0.111 ng/ul
 RT: 17.06 min Scan# 3681
 Delta R.T. 0.00 min
 Lab File: BN008973.D
 Acq: 13 Dec 2019 18:23

Instrument :
 BNA_N
 ClientSampleId :
 C0BR5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.2	18.4
176	19.1	14.7	22.1

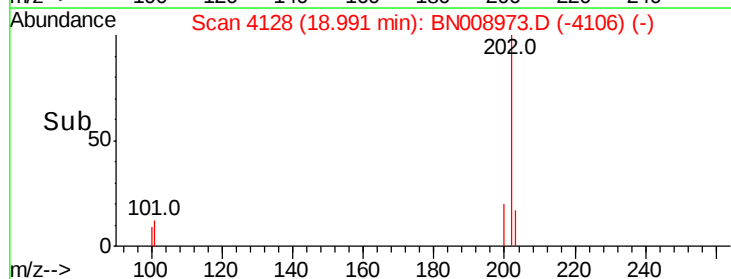
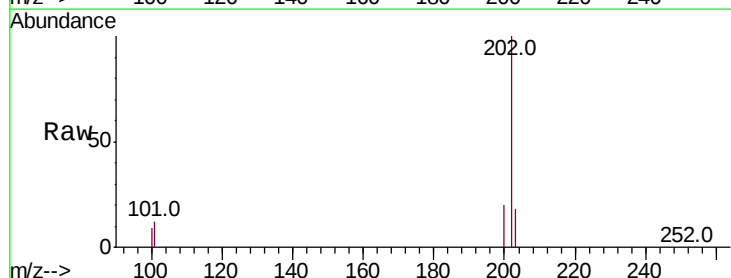
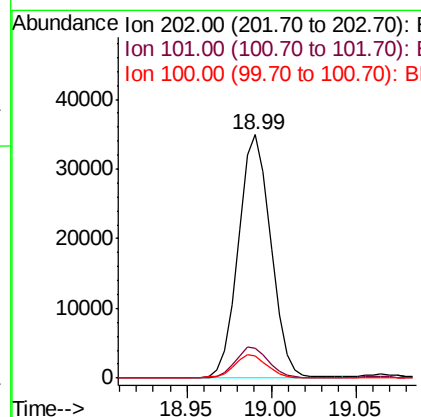
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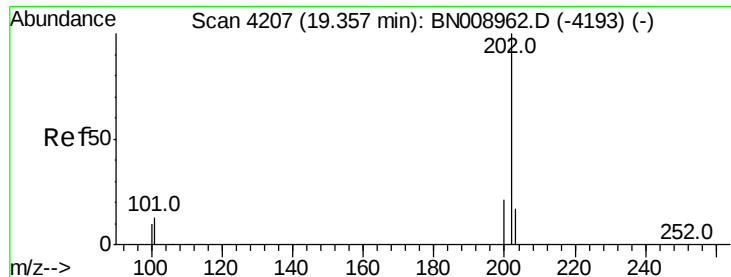
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#15
 Fluoranthene
 Concen: 0.658 ng/ul
 RT: 18.99 min Scan# 4128
 Delta R.T. 0.00 min
 Lab File: BN008973.D
 Acq: 13 Dec 2019 18:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
100	9.2	0.0	29.2





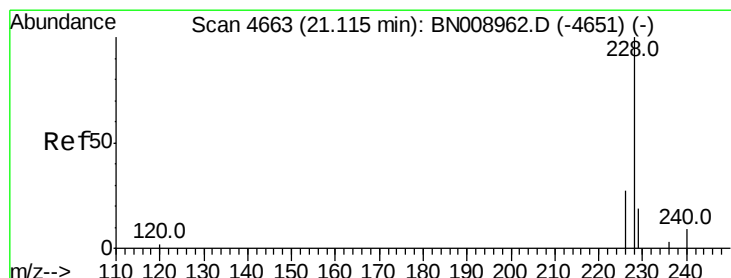
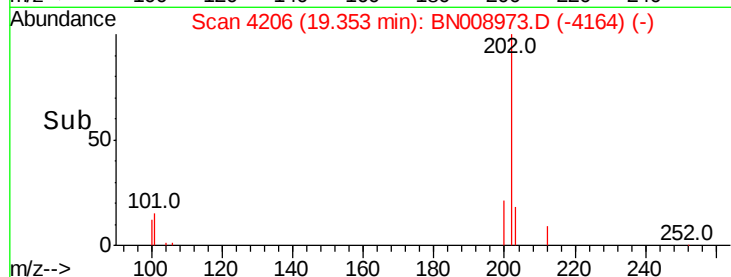
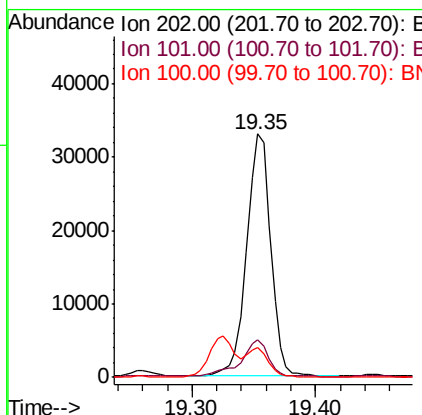
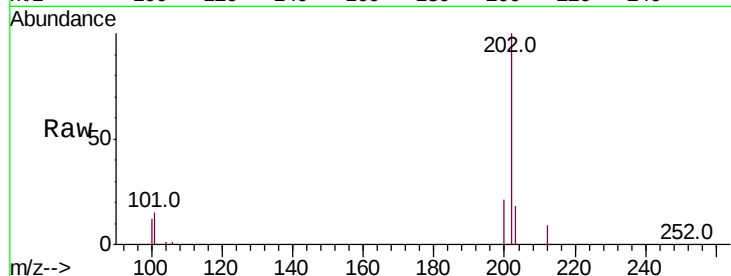
#17
Pvrene
Concen: 0.777 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008973.D
Acq: 13 Dec 2019 18:23

Instrument :
BNA_N
ClientSampleId :
C0BR5DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	44888		
101	15.3		12.2	18.4
100	12.5		9.5	14.3

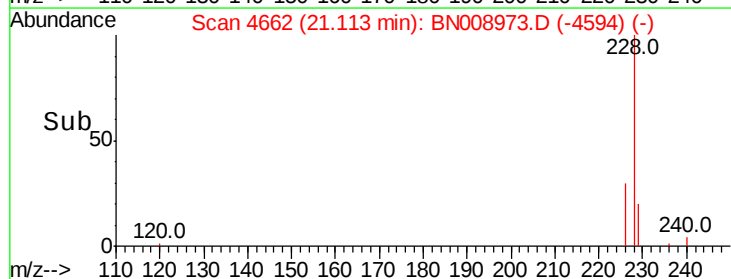
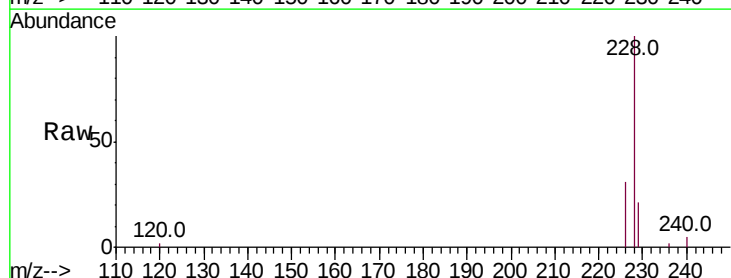
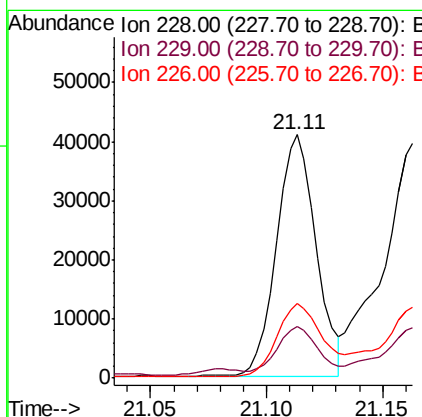
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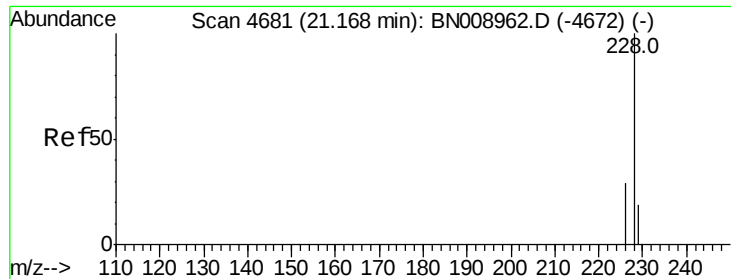
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#18
Benzo(a)anthracene
Concen: 0.834 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.00 min
Lab File: BN008973.D
Acq: 13 Dec 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	48292		
229	21.0		15.7	23.5
226	30.6		21.5	32.3





#19

Chrysene

Concen: 1.062 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Instrument :

BNA_N

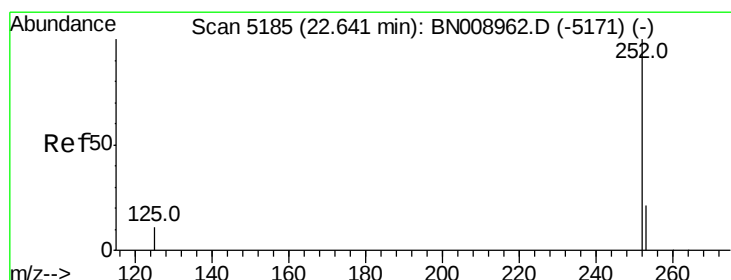
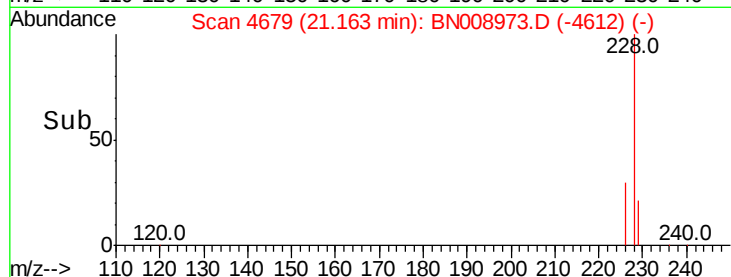
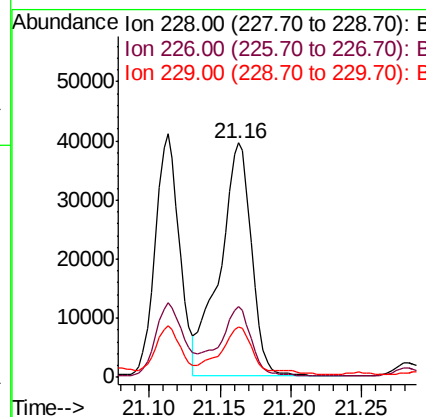
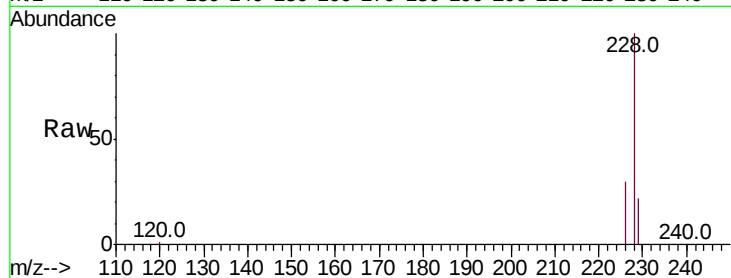
ClientSampleId :

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Tot Ion:	228	Resp:	60403
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.6
229	21.6	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 1.371 ng/ul m

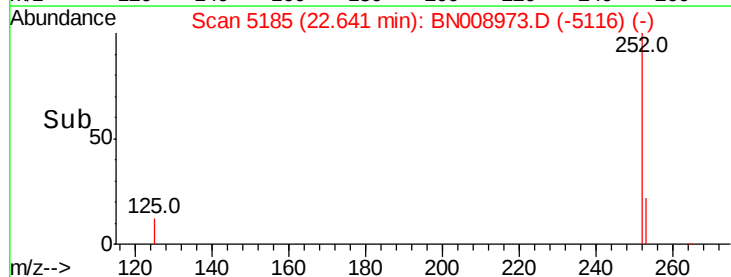
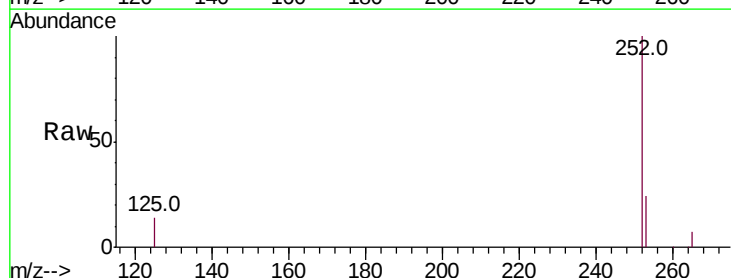
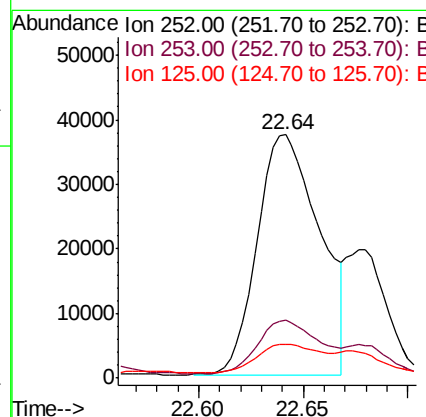
RT: 22.64 min Scan# 5185

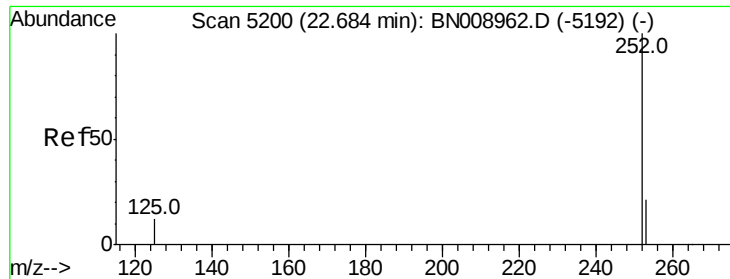
Delta R.T. 0.00 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Tgt Ion:	252	Resp:	77706
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	48.6
125	13.9	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.466 ng/ul m

RT: 22.68 min Scan# 5198

Delta R.T. -0.01 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Instrument :

BNA_N

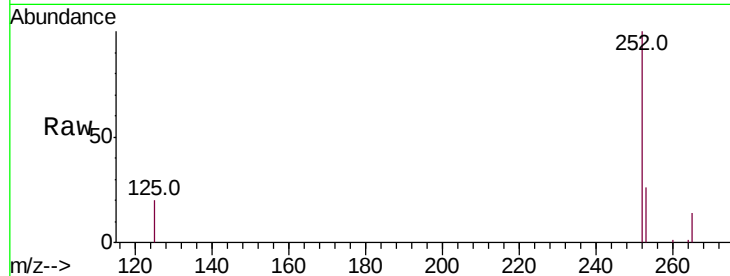
ClientSampleId :

C0BR5DL

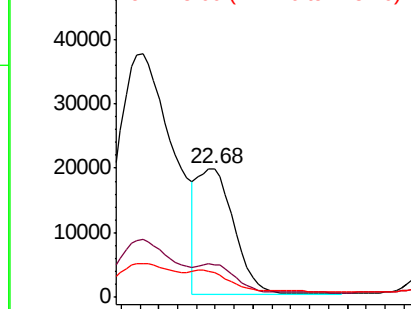
Tot Ion:	252	Resp:	26168
Ion Ratio	Lower	Upper	
252	100		
253	25.7	19.6	29.4
125	19.6	13.8	20.6

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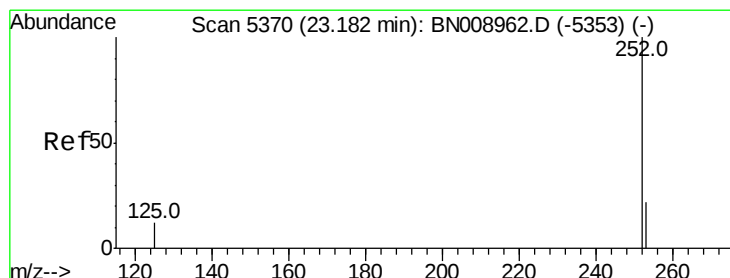
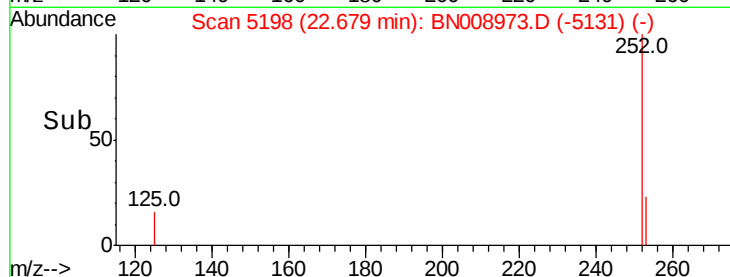
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.819 ng/ul

RT: 23.18 min Scan# 5369

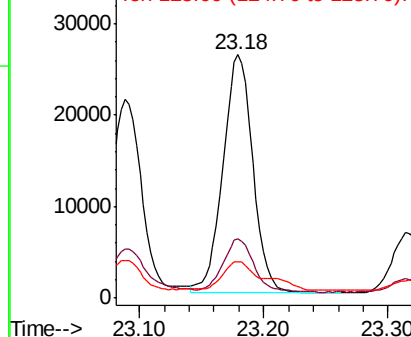
Delta R.T. -0.00 min

Lab File: BN008973.D

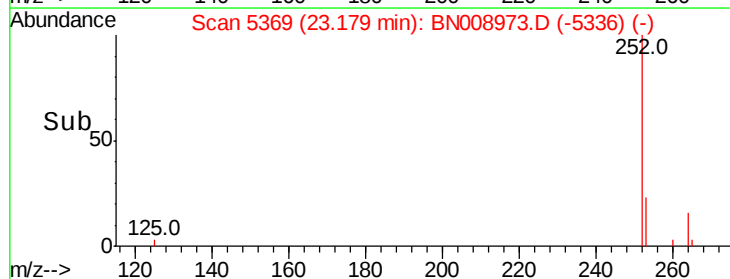
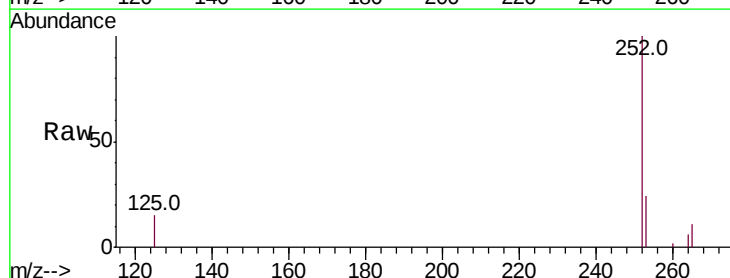
Acq: 13 Dec 2019 18:23

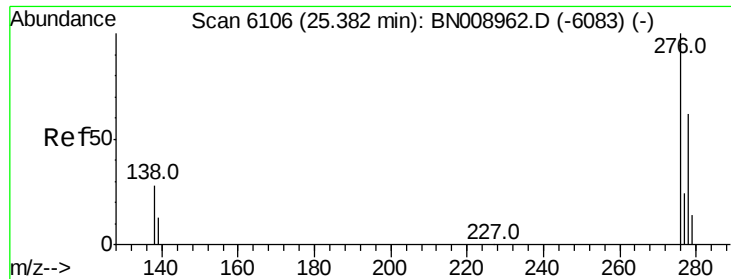
Tgt Ion:	252	Resp:	43557
Ion Ratio	Lower	Upper	
252	100		
253	24.2	19.9	29.9
125	14.9	14.6	22.0

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



Time-->





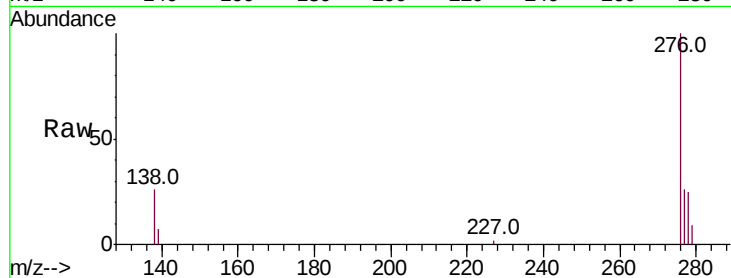
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng/ul
 RT: 25.38 min Scan# 6104
 Delta R.T. -0.01 min
 Lab File: BN008973.D
 Acq: 13 Dec 2019 18:23

Instrument :
 BNA_N
 ClientSampleId :
 C0BR5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.8	35.6
227	0.0	0.2	0.2

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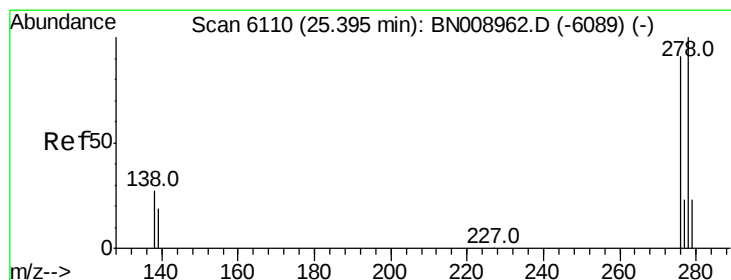
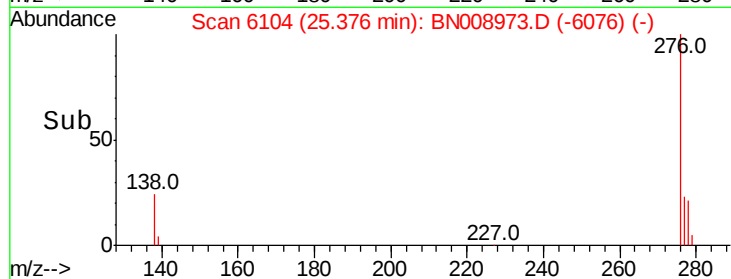
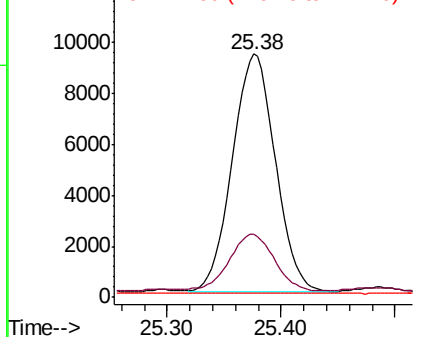


Abundance

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



#25
 Dibenzo(a,h)anthracene
 Concen: 0.143 ng/ul
 RT: 25.38 min Scan# 6106
 Delta R.T. -0.01 min
 Lab File: BN008973.D
 Acq: 13 Dec 2019 18:23

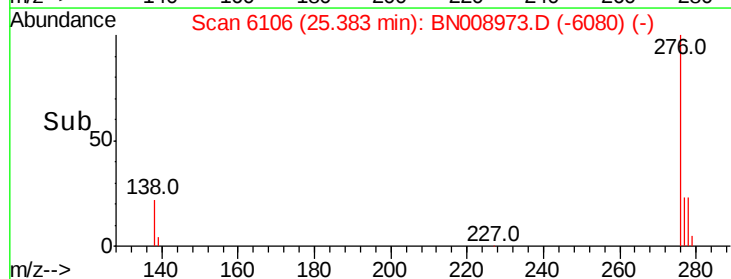
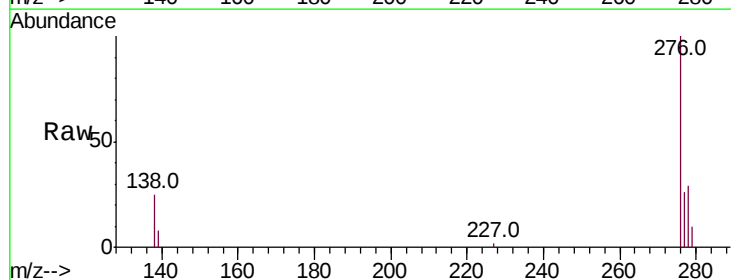
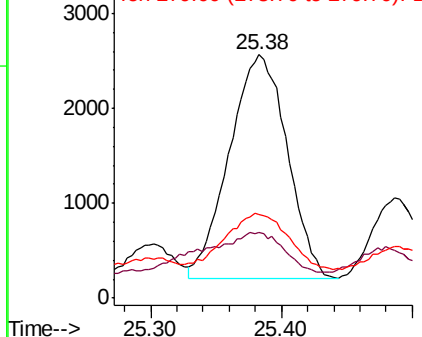
Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.9	17.4	26.0
279	34.5	20.5	30.7

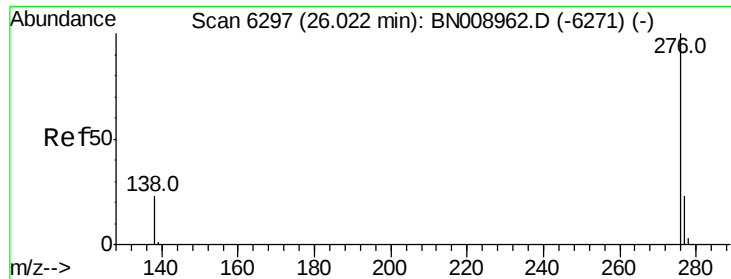
Abundance

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: 0.404 ng/ul

RT: 26.02 min Scan# 6296

Delta R.T. -0.00 min

Lab File: BN008973.D

Acq: 13 Dec 2019 18:23

Instrument :

BNA_N

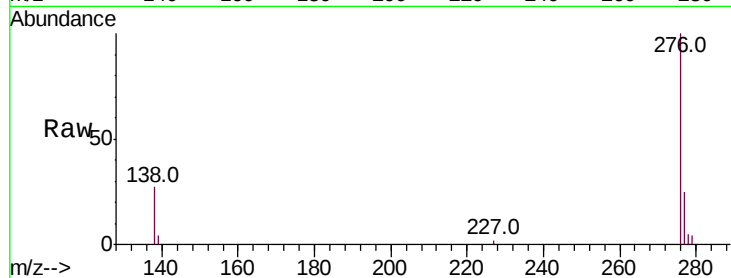
ClientSampleId :

C0BR5DL

Tot Ion:	276	Resp:	21020
Ion Ratio	Lower	Upper	
276	100		
138	26.8	21.9	32.9
277	25.1	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/16/2019 12:23:57 PM



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

