

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008929.D
 Acq On : 11 Dec 2019 22:21
 Operator : JU
 Sample : K6088-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP2

Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:32:33 AM

Quant Time: Dec 12 01:48:22 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	2364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6587	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15346	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13472	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14256	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2835	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8891	0.19	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.97	178	2838	0.055	ng/ul#	92
15) Fluoranthene	19.00	202	9333	0.147	ng/ul	99
17) Pyrene	19.36	202	8430m	0.156	ng/ul	
18) Benzo(a)anthracene	21.12	228	4420	0.082	ng/ul	97
19) Chrysene	21.17	228	4705	0.088	ng/ul	96
21) Benzo(b)fluoranthene	22.64	252	5766m	0.098	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	2761m	0.047	ng/ul	
23) Benzo(a)pyrene	23.19	252	4128	0.075	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.39	276	3032	0.047	ng/ul#	92
26) Benzo(g,h,i)perylene	26.02	276	2862	0.053	ng/ul#	89

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

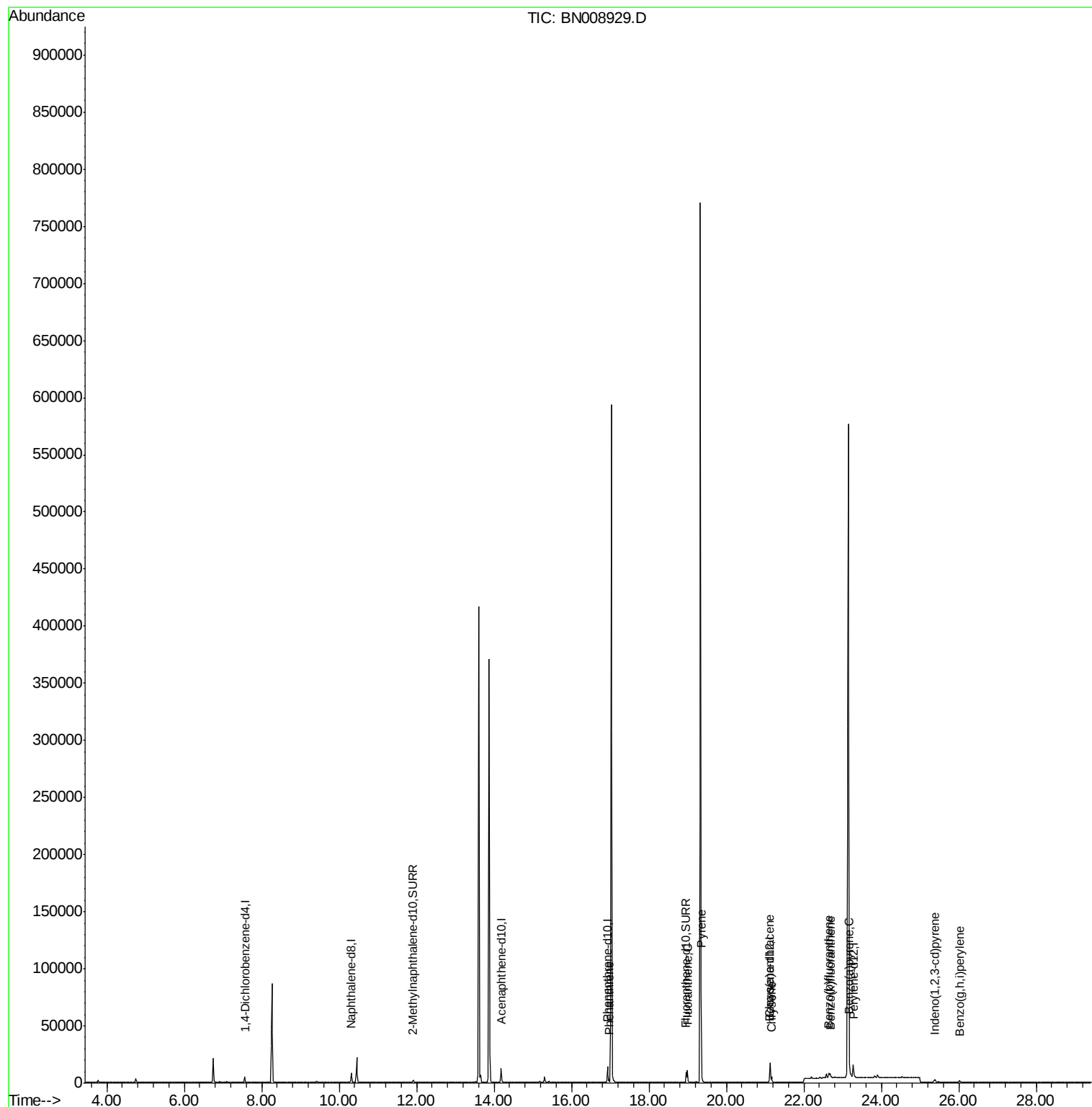
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008929.D
Acq On : 11 Dec 2019 22:21
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Sample : K6088-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

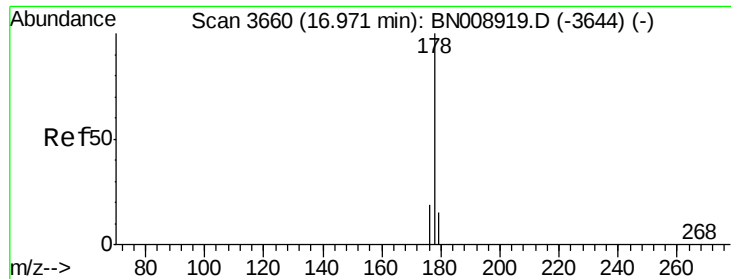
Instrument :
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Quant Time: Dec 12 01:48:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.055 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008929.D

Acq: 11 Dec 2019 22:21

Instrument :

BNA_N

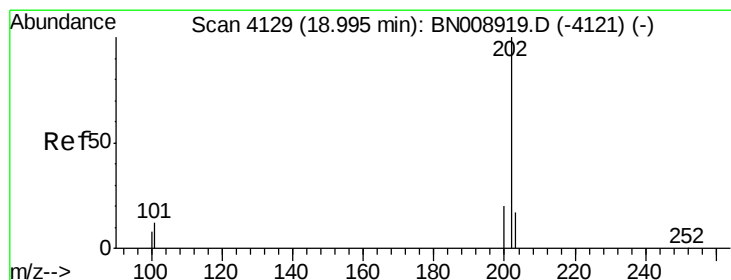
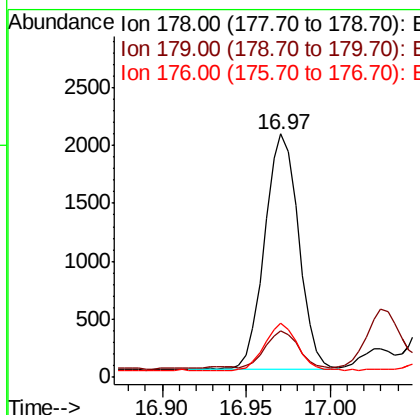
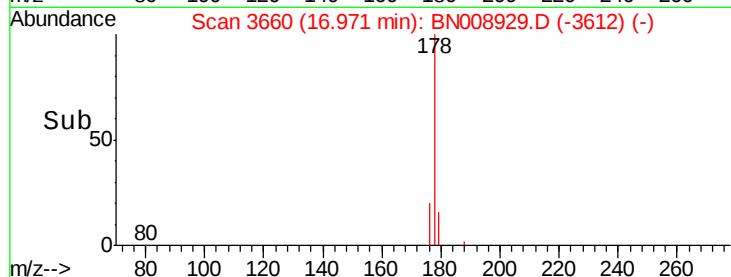
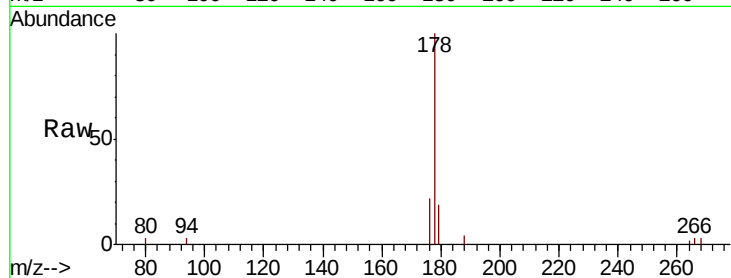
ClientSampled :

C0BP2

Tot Ion:	178	Resp:	2838
Ion Ratio	Lower	Upper	
178	100		
179	19.0	12.6	18.8#
176	22.4	15.3	22.9

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#15

Fluoranthene

Concen: 0.147 ng/ul

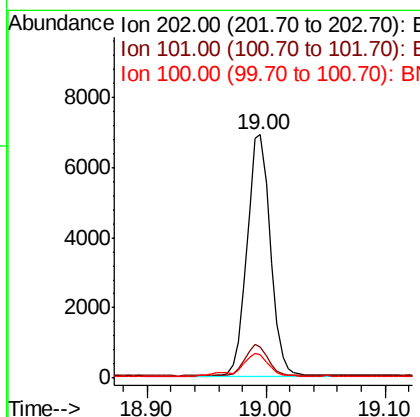
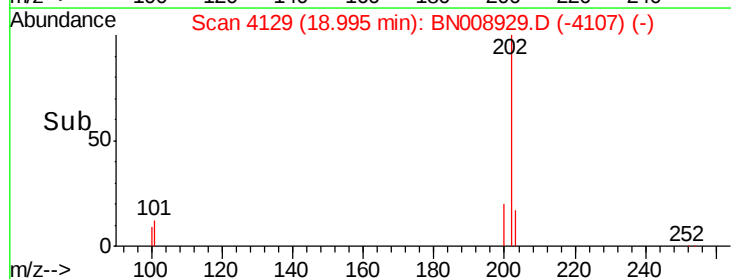
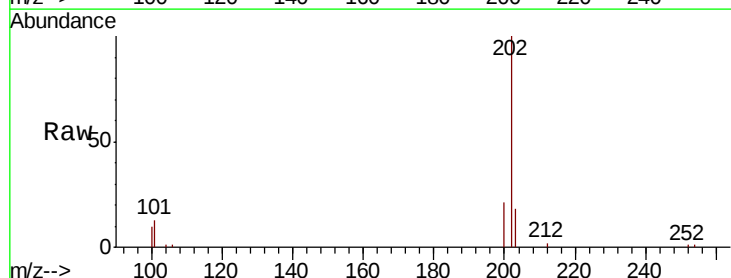
RT: 19.00 min Scan# 4129

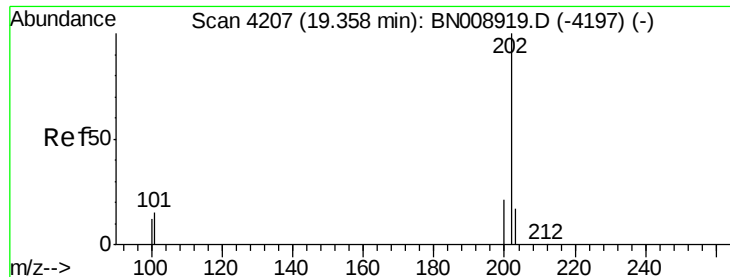
Delta R.T. 0.00 min

Lab File: BN008929.D

Acq: 11 Dec 2019 22:21

Tgt Ion:	202	Resp:	9333
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.4
100	9.6	0.0	29.2





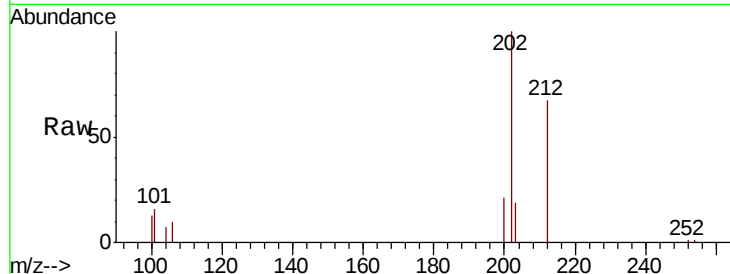
#17
Pvrene
Concen: 0.156 ng/ul m
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Instrument :
BNA_N
ClientSampleId :
C0BP2

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.4
100	12.9	9.5	14.3

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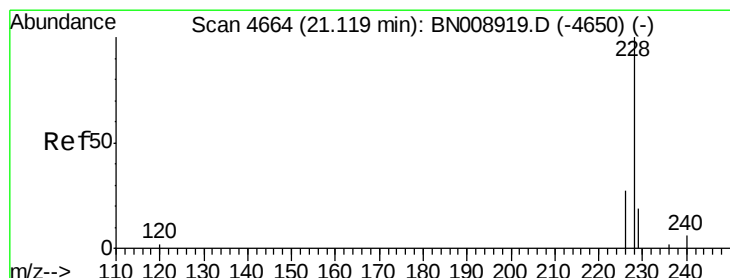
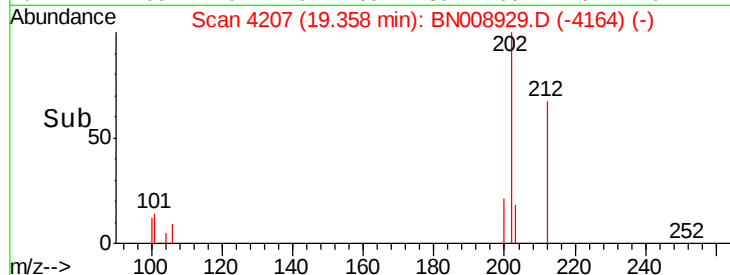
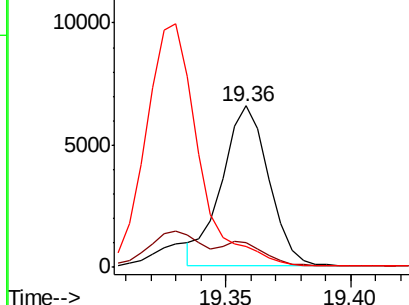


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

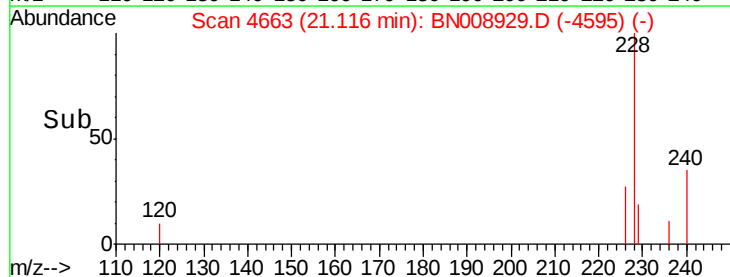
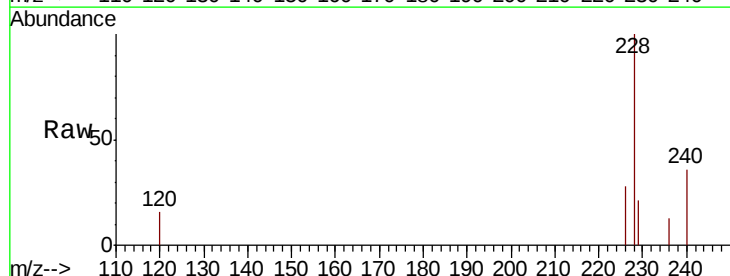
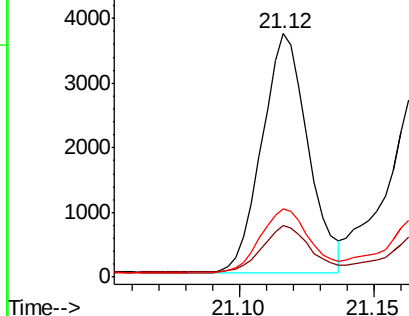
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.2	21.5	32.3

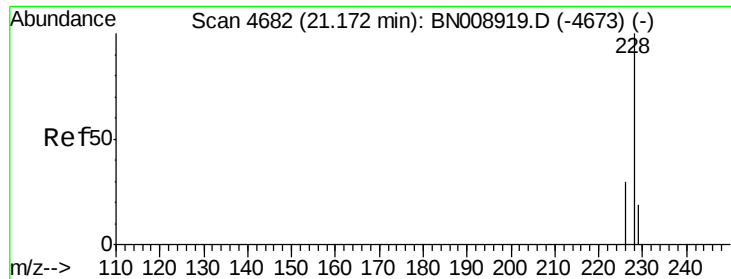
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.088 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.00 min

Lab File: BN008929.D

Acq: 11 Dec 2019 22:21

Instrument :

BNA_N

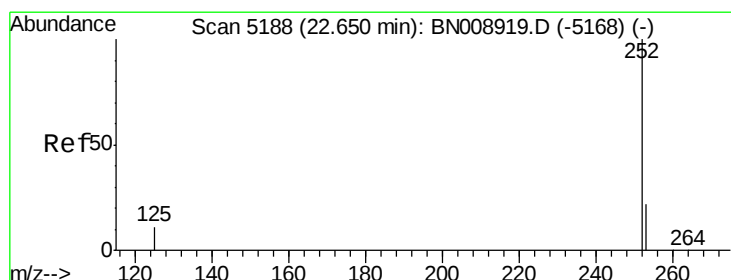
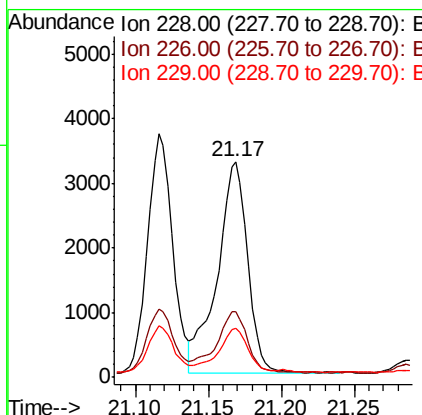
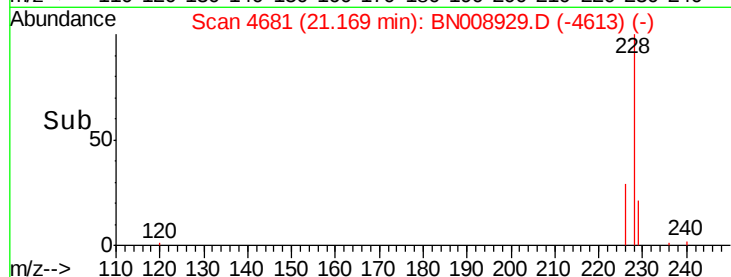
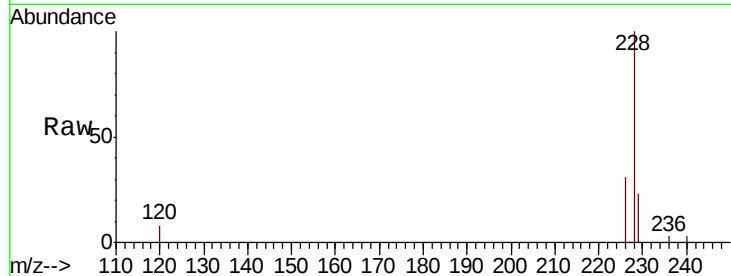
ClientSampleId :

C0BP2

Tot Ion:	228	Resp:	4705
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.8	35.6
229	22.5	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.098 ng/ul m

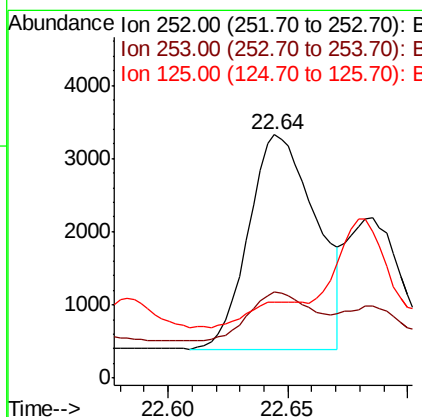
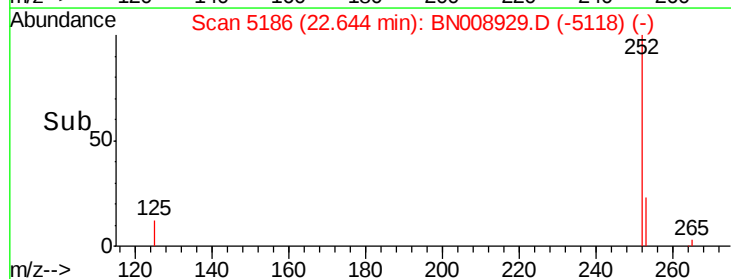
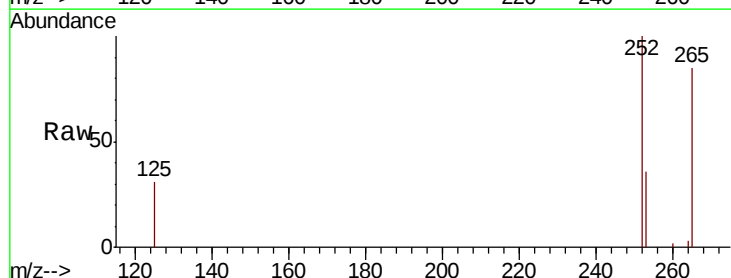
RT: 22.64 min Scan# 5186

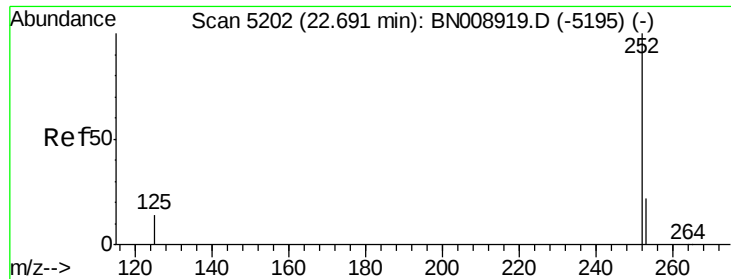
Delta R.T. -0.00 min

Lab File: BN008929.D

Acq: 11 Dec 2019 22:21

Tgt Ion:	252	Resp:	5766
Ion Ratio	Lower	Upper	
252	100		
253	35.6	0.0	48.6
125	31.4	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.047 ng/ul m

RT: 22.69 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BN008929.D

Acq: 11 Dec 2019 22:21

Instrument :

BNA_N

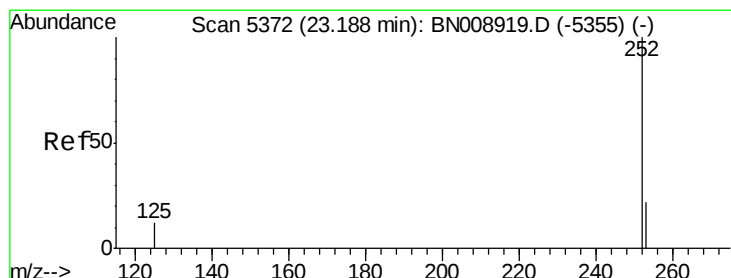
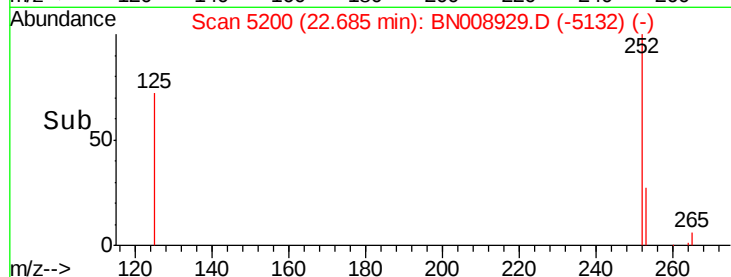
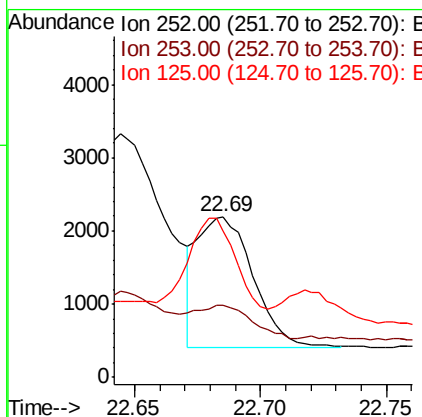
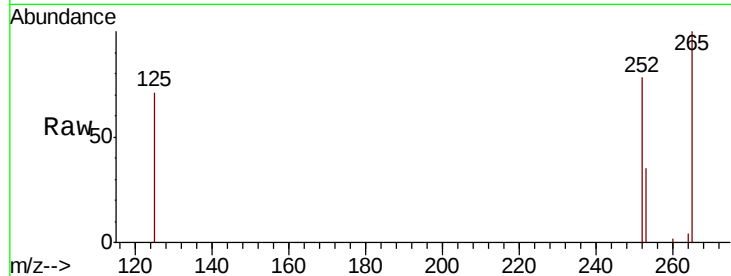
ClientSampleId :

C0BP2

Tot Ion:	252	Resp:	2761
Ion Ratio	Lower	Upper	
252	100		
253	44.9	19.6	29.4#
125	91.1	13.8	20.6#

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#23

Benzo(a)pyrene

Concen: 0.075 ng/ul

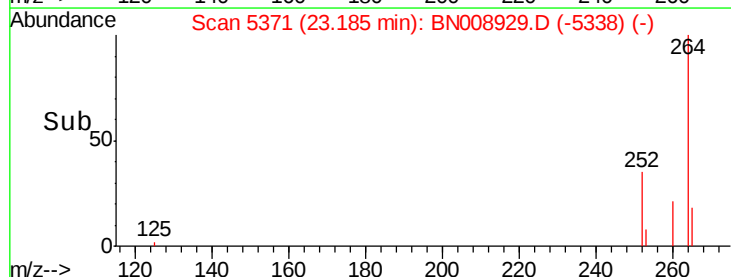
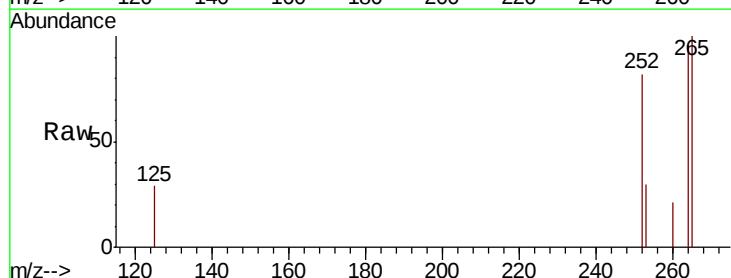
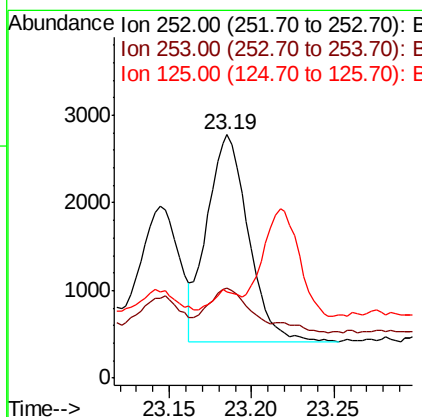
RT: 23.19 min Scan# 5371

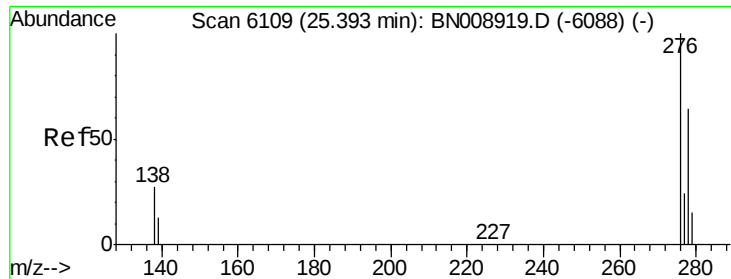
Delta R.T. -0.00 min

Lab File: BN008929.D

Acq: 11 Dec 2019 22:21

Tgt Ion:	252	Resp:	4128
Ion Ratio	Lower	Upper	
252	100		
253	37.1	19.9	29.9#
125	35.3	14.6	22.0#





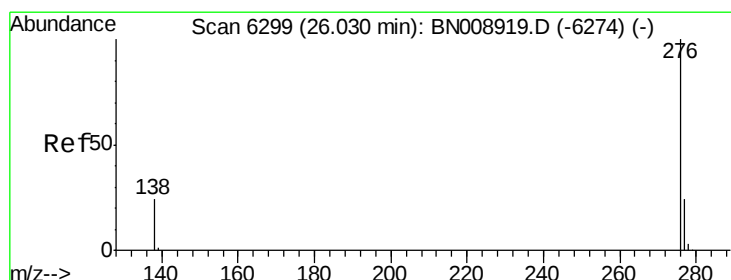
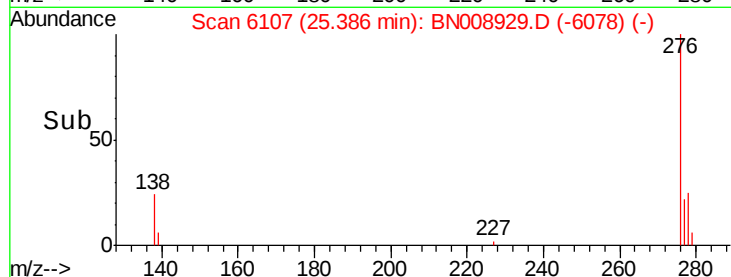
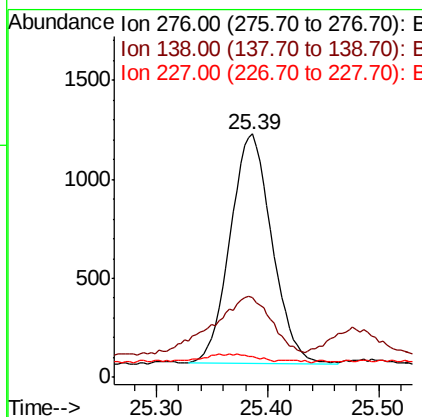
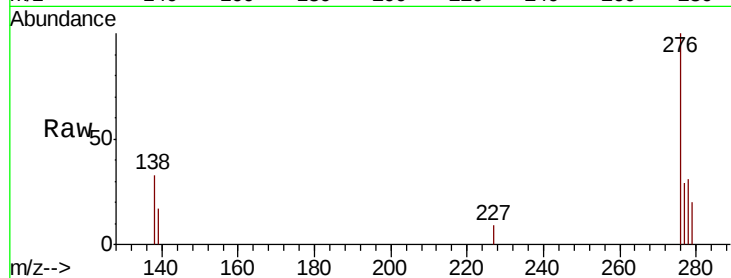
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.047 ng/uL
 RT: 25.39 min Scan# 6107
 Delta R.T. -0.00 min
 Lab File: BN008929.D
 Acq: 11 Dec 2019 22:21

Instrument :
 BNA_N
 ClientSampleId :
 C0BP2

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	23.8	35.6
227	0.0	0.2	0.2

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#26
 Benzo(g,h,i)perylene
 Concen: 0.053 ng/uL
 RT: 26.02 min Scan# 6296
 Delta R.T. -0.01 min
 Lab File: BN008929.D
 Acq: 11 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.9	32.9
277	30.1	19.9	29.9

