

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009600.D
 Acq On : 05 Feb 2020 14:19
 Operator : CG/JU
 Sample : L1302-09
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AM2

Manual Integrations
 APPROVED

mohammad
 2/6/2020 8:12:37 AM

Quant Time: Feb 05 16:07:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	146219	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.18	136	615595	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	379256	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	782878	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	682115	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	732841	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	14764	4.14	ng/uL	0.00
5) Phenol-d5	6.63	99	267647	20.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	177044	20.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	202184	21.54	ng/ul	-0.02
13) 4-Methylphenol-d8	8.14	113	200611	19.75	ng/ul	-0.02
19) Nitrobenzene-d5	8.57	128	99980	21.84	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.29	143	115062	22.52	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	204962	21.41	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	265622	25.81	ng/ul	-0.01
43) Dimethylphthalate-d6	13.49	166	625681	22.60	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	773500	23.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.30	143	87540	16.74	ng/ul	0.00
57) Fluorene-d10	15.07	176	539569	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	80753	16.52	ng/ul	0.00
70) Anthracene-d10	16.92	188	820627	23.07	ng/ul	-0.01
78) Pyrene-d10	19.23	212	889816	24.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	838928	23.25	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.54	163	62341	2.122 ng/ul	98
69) Phenanthrene	16.87	178	147060	3.294 ng/ul	98
76) Fluoranthene	18.90	202	268975	5.279 ng/ul	98
79) Pyrene	19.26	202	248706	4.995 ng/ul	98
82) Benzo(a)anthracene	21.03	228	125370	2.662 ng/ul	96
84) Chrysene	21.07	228	133406	2.845 ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	164522	3.588 ng/ul	97
88) Benzo(k)fluoranthene	22.57	252	52118m	1.154 ng/ul	
90) Benzo(a)pyrene	23.07	252	107932	2.541 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	72018	1.426 ng/ul	97
93) Benzo(g,h,i)perylene	25.84	276	64997	1.536 ng/ul#	92

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

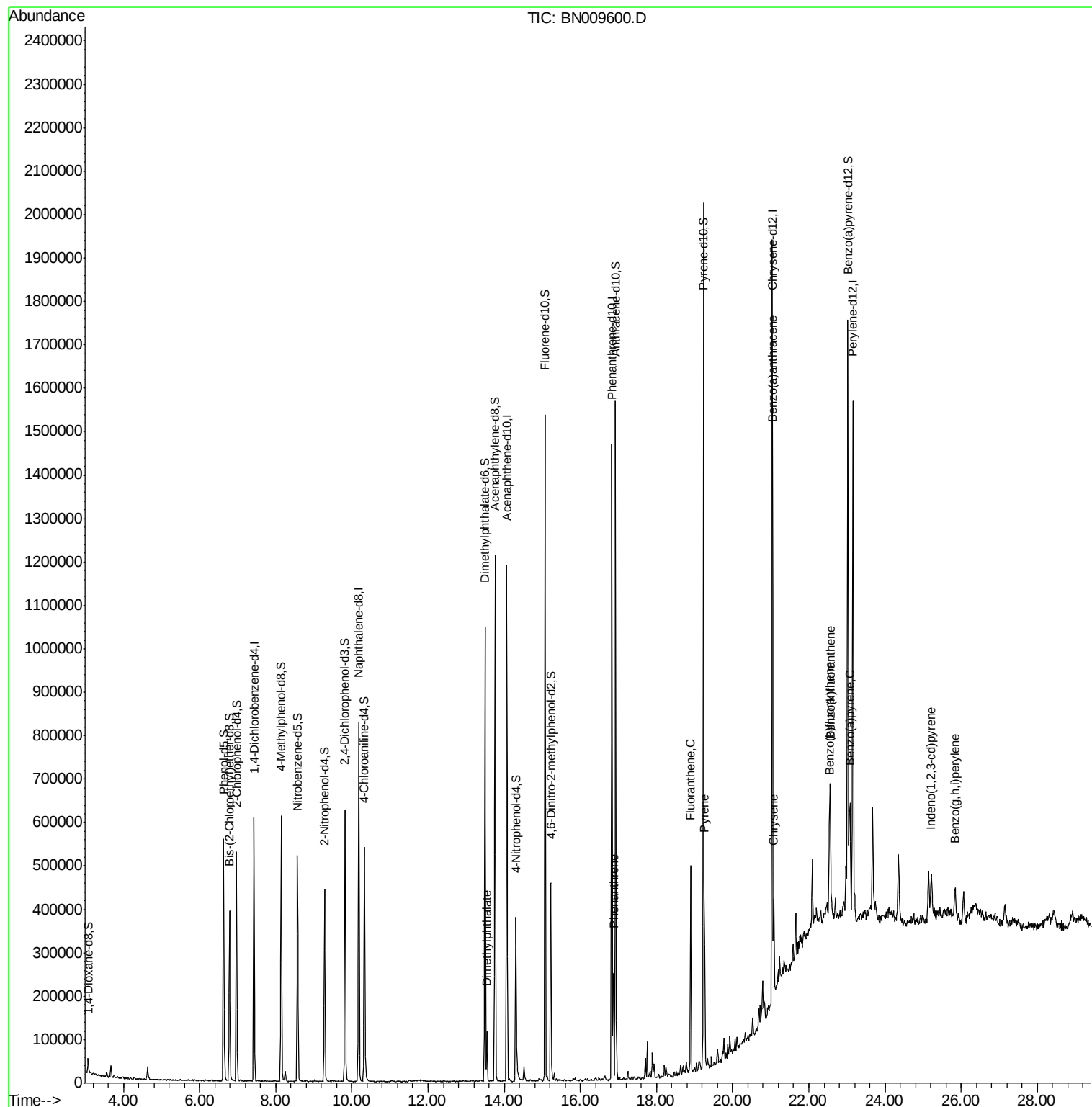
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009600.D
Acq On : 05 Feb 2020 14:19
Operator : CG/JU
Sample : L1302-09
Misc :
ALS Vial : 76 Sample Multiplier: 1

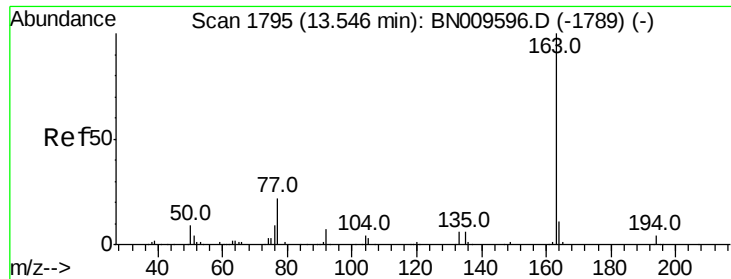
Instrument :
BNA_N
ClientSampled :
C5AM2

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Quant Time: Feb 05 16:07:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.122 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Instrument :

BNA_N

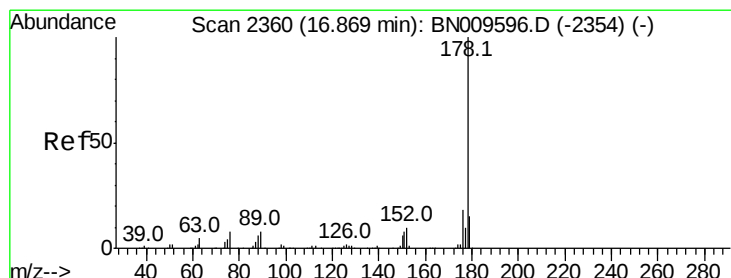
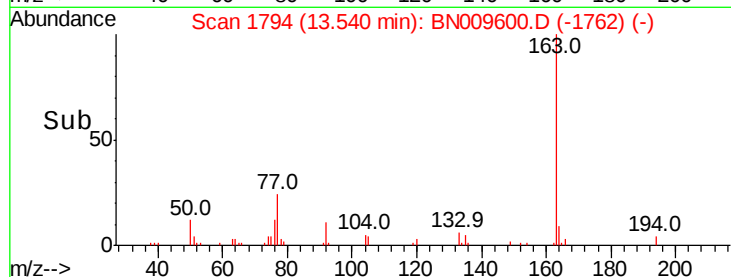
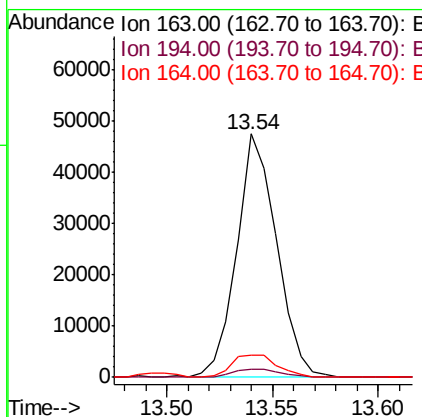
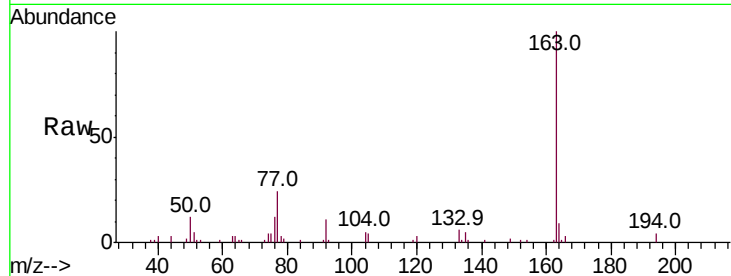
ClientSampleId :

C5AM2

Tot Ion:	163	Resp:	62341
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.5	5.3
164	9.2	8.0	12.0

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#69

Phenanthrene

Concen: 3.294 ng/ul

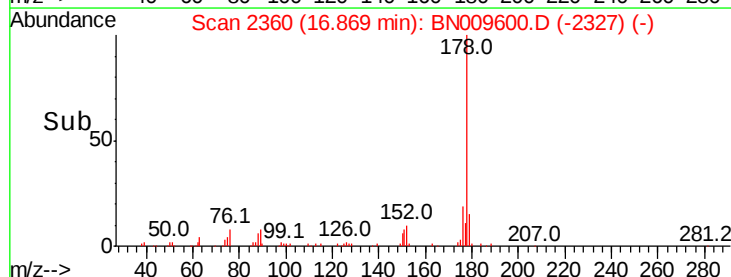
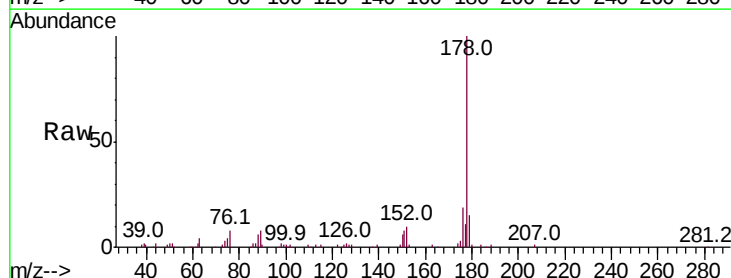
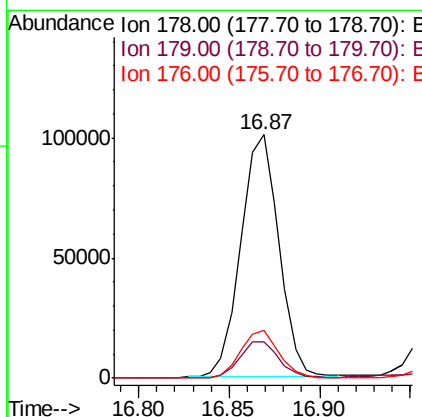
RT: 16.87 min Scan# 2360

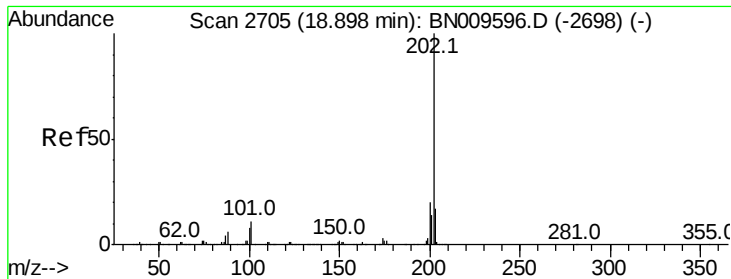
Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Tgt Ion:	178	Resp:	147060
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.2	18.2
176	19.4	14.8	22.2





#76

Fluoranthene

Concen: 5.279 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Instrument :

BNA_N

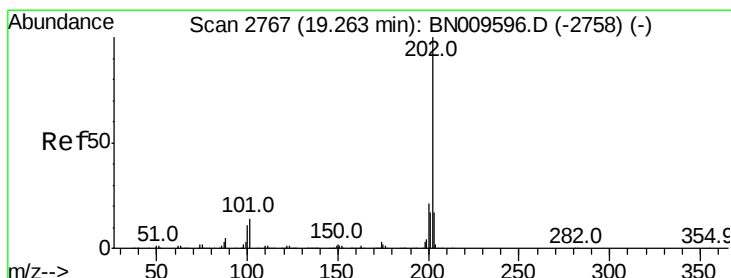
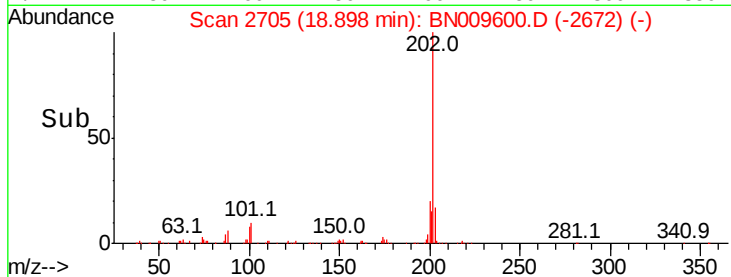
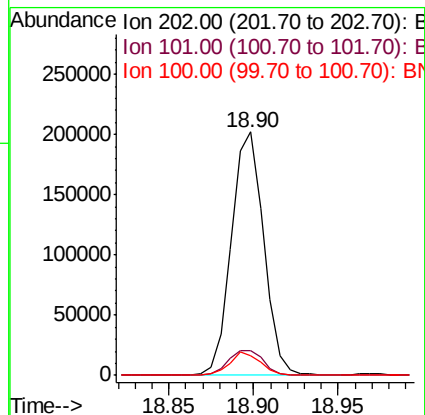
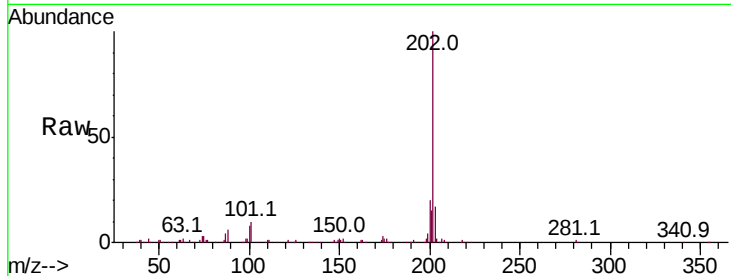
ClientSampled :

C5AM2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	9.2	13.8
100	8.3	6.9	10.3

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#79

Pyrene

Concen: 4.995 ng/ul

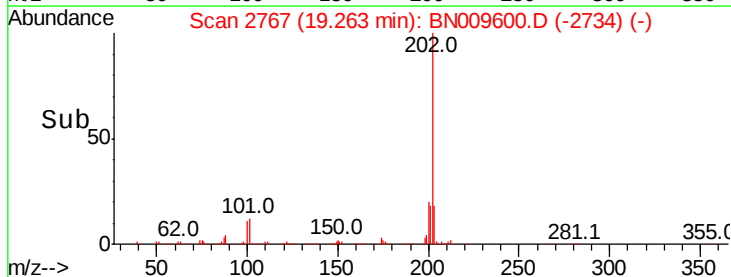
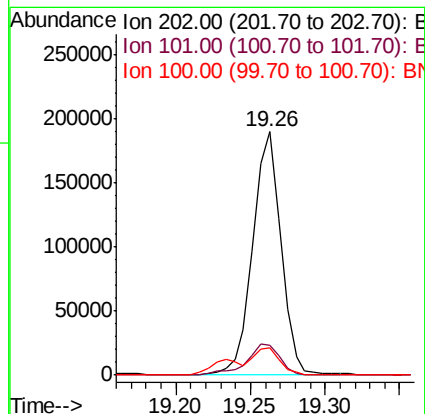
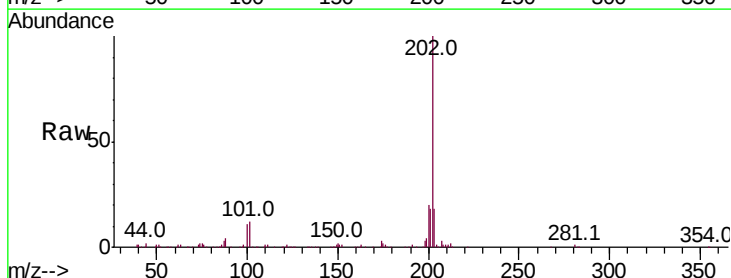
RT: 19.26 min Scan# 2767

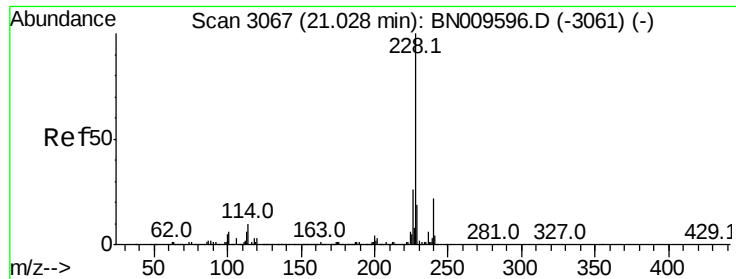
Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	10.3	15.5
100	11.2	8.4	12.6





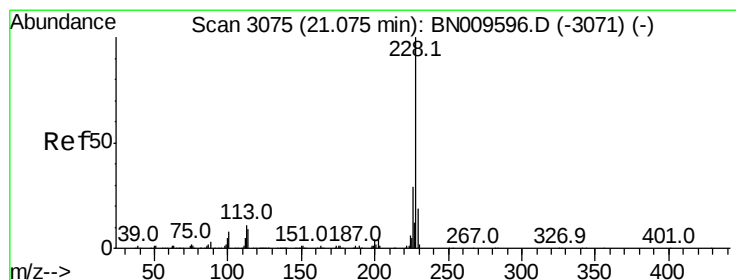
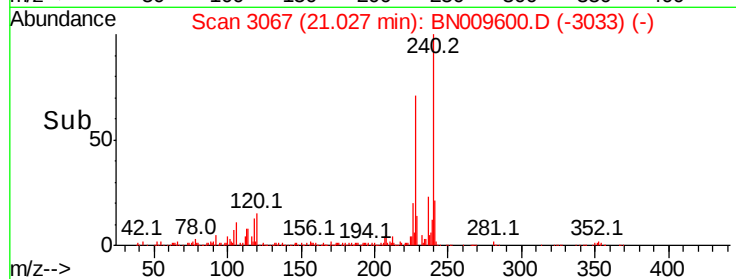
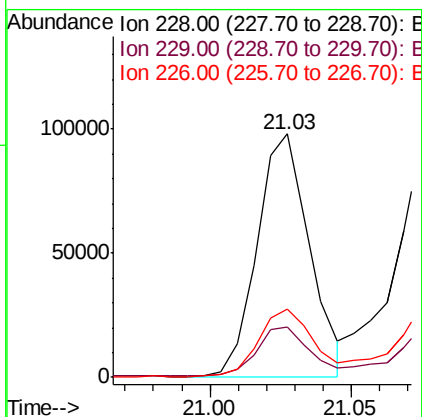
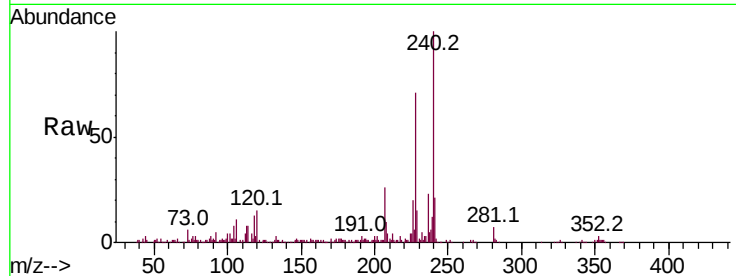
#82
Benzo(a)anthracene
Concen: 2.662 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009600.D
Acq: 05 Feb 2020 14:19

Instrument :
BNA_N
ClientSampled :
C5AM2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.0	22.4
226	27.8	20.9	31.3

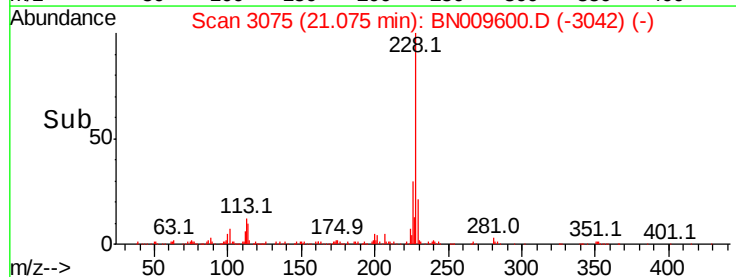
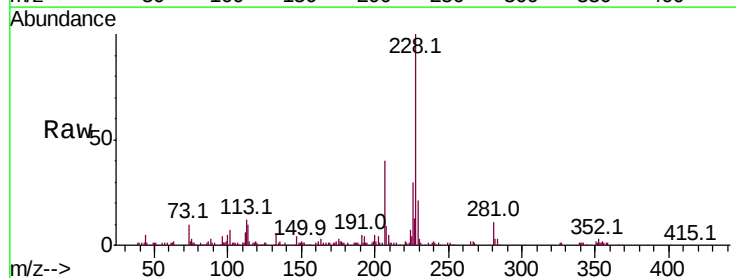
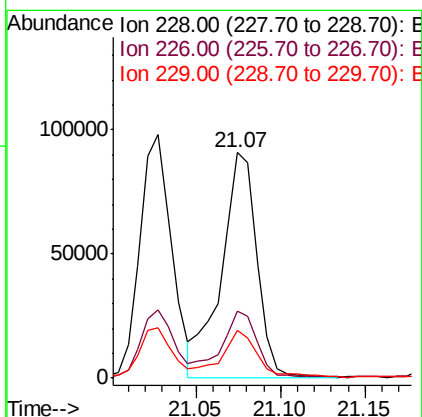
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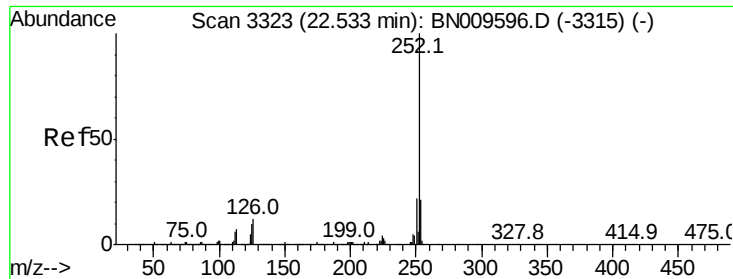
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#84
Chrysene
Concen: 2.845 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009600.D
Acq: 05 Feb 2020 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	21.3	15.8	23.8





#87

Benzo(b)fluoranthene

Concen: 3.588 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Instrument :

BNA_N

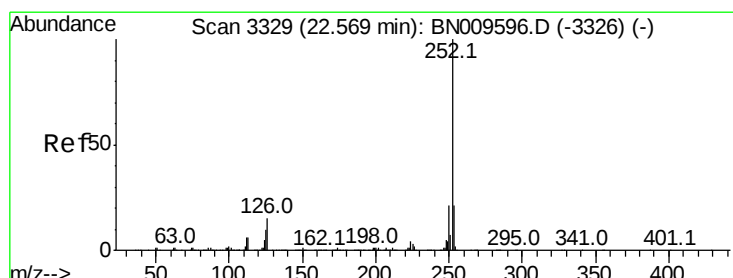
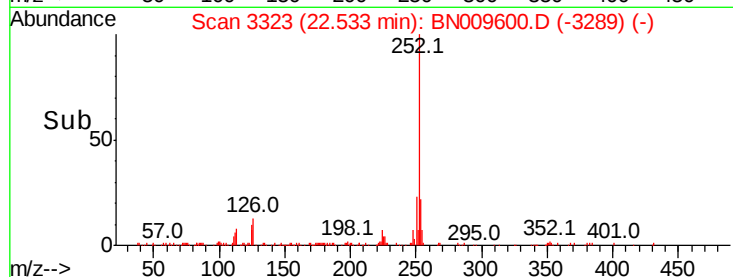
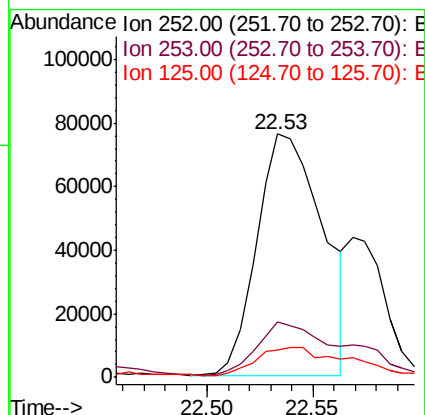
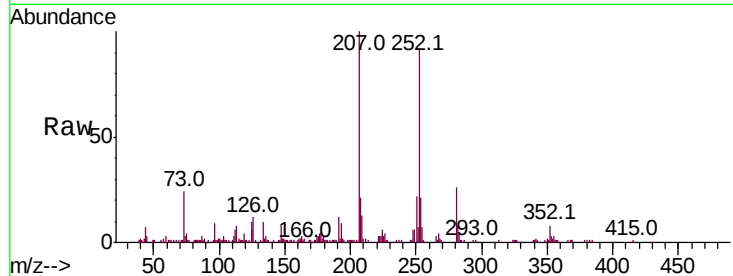
ClientSampled :

C5AM2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.3	8.2	12.2

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#88

Benzo(k)fluoranthene

Concen: 1.154 ng/ul m

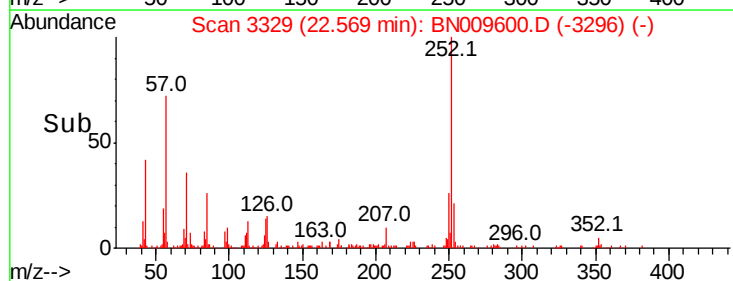
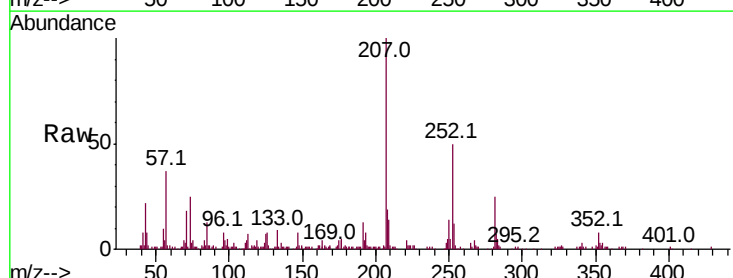
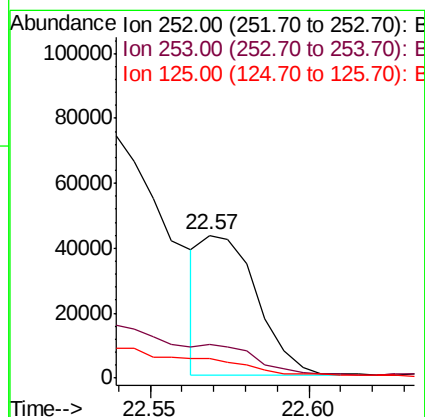
RT: 22.57 min Scan# 3329

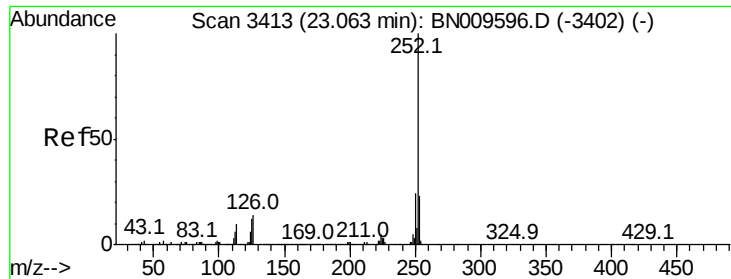
Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	14.1	8.0	12.0#





#90

Benzo(a)pyrene

Concen: 2.541 ng/ul

RT: 23.07 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Instrument :

BNA_N

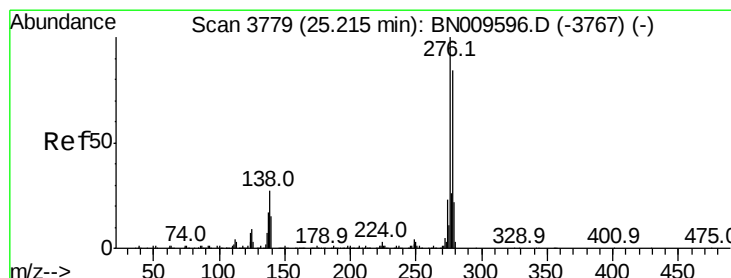
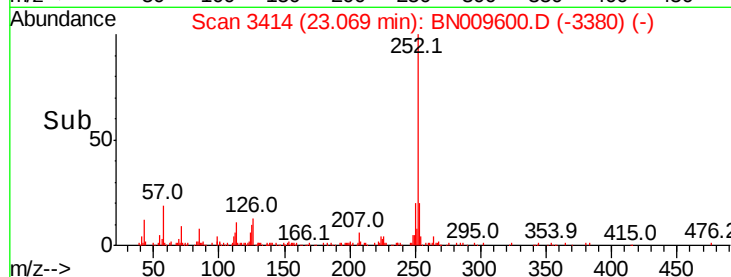
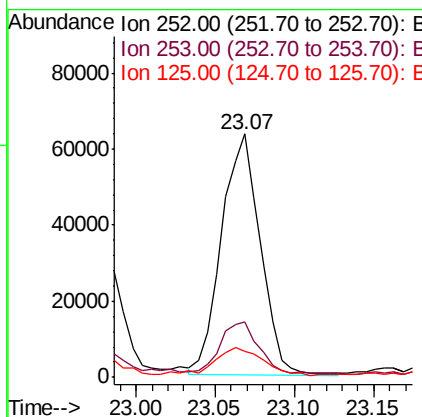
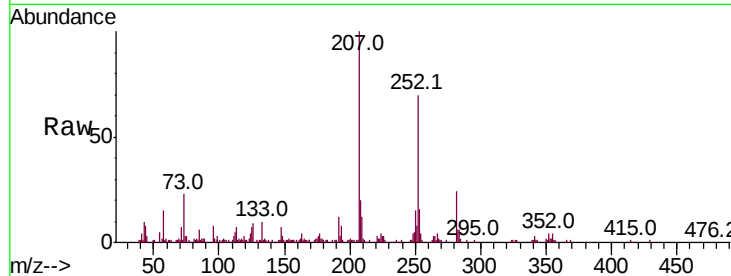
ClientSampled :

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Tot Ion:	252	Resp:	107932
Ion Ratio	Lower	Upper	
252	100		
253	22.6	15.8	23.8
125	10.6	8.7	13.1

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.426 ng/ul

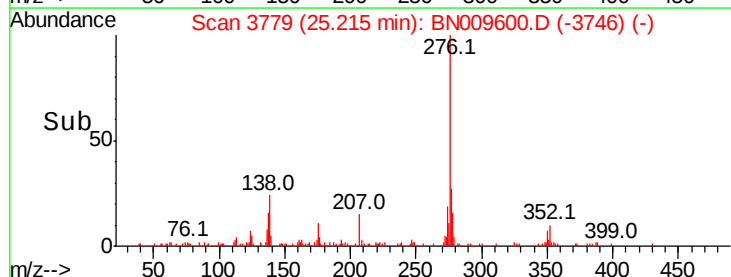
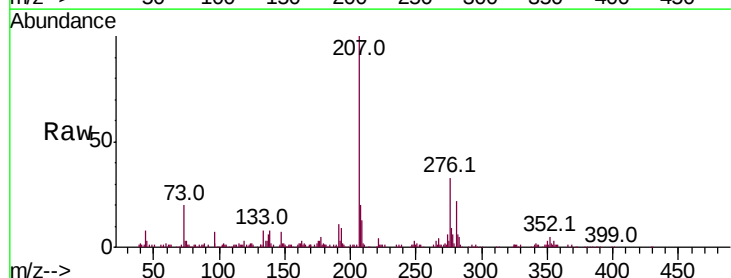
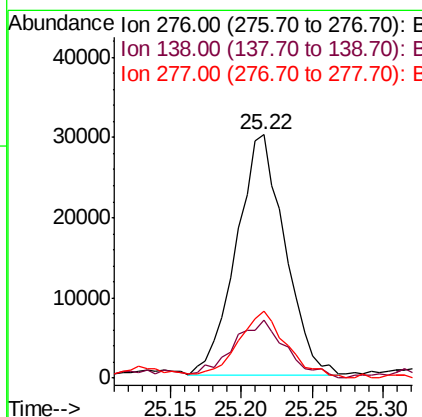
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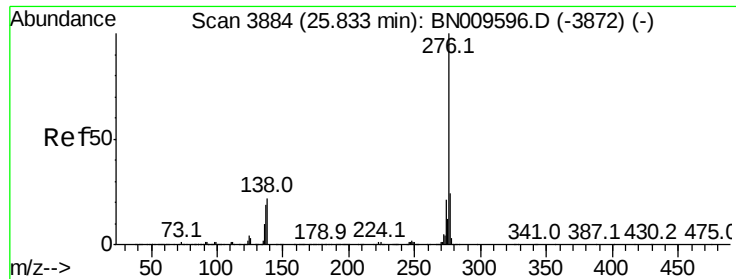
Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Tgt Ion:	276	Resp:	72018
Ion Ratio	Lower	Upper	
276	100		
138	23.6	20.3	30.5
277	27.7	21.2	31.8





#93

Benzo(a,h,i)perylene

Concen: 1.536 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009600.D

Acq: 05 Feb 2020 14:19

Instrument :

BNA_N

ClientSampleId :

C5AM2

Tot Ion:	276	Resp:	64997
Ion Ratio	Lower	Upper	
276	100		
138	24.7	16.0	24.0#
277	23.7	17.0	25.6

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