

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006591.D
 Acq On : 26 Jun 2019 22:47
 Operator : HP/JU
 Sample : K3498-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB6

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:18:51 AM

Quant Time: Jun 27 03:51:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 02:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	176817	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	860609	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	531530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1197986	20.00	ng/ul	-0.01
77) Chrysene-d12	21.24	240	1208309	20.00	ng/ul	-0.02
85) Perylene-d12	23.47	264	1333558	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21445	4.74	ng/uL	-0.01
5) Phenol-d5	6.80	99	411932	21.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	278778	23.92	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	322025	23.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	275890	18.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	173928	25.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	196966	26.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	335264	23.24	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	364035	21.95	ng/ul	-0.01
43) Dimethylphthalate-d6	13.69	166	1184734	25.43	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1381354	24.19	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	152266	19.13	ng/ul	0.00
57) Fluorene-d10	15.27	176	1009750	25.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	130125	17.16	ng/ul	0.00
70) Anthracene-d10	17.13	188	1577555	26.16	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1828039	25.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	2000723	26.56	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.73	163	277451	6.460	ng/ul 99
69) Phenanthrene	17.07	178	137388	2.079	ng/ul 99
76) Fluoranthene	19.10	202	463535	6.509	ng/ul 99
79) Pyrene	19.47	202	396665	4.822	ng/ul 97
82) Benzo(a)anthracene	21.23	228	212709	2.576	ng/ul 99
84) Chrysene	21.28	228	254068	3.232	ng/ul 98
87) Benzo(b)fluoranthene	22.81	252	364900	4.559	ng/ul# 96
88) Benzo(k)fluoranthene	22.85	252	112031m	1.465	ng/ul
90) Benzo(a)pyrene	23.38	252	218797	2.851	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.70	276	146753	1.616	ng/ul 96
93) Benzo(g,h,i)perylene	26.39	276	121756	1.592	ng/ul 99

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

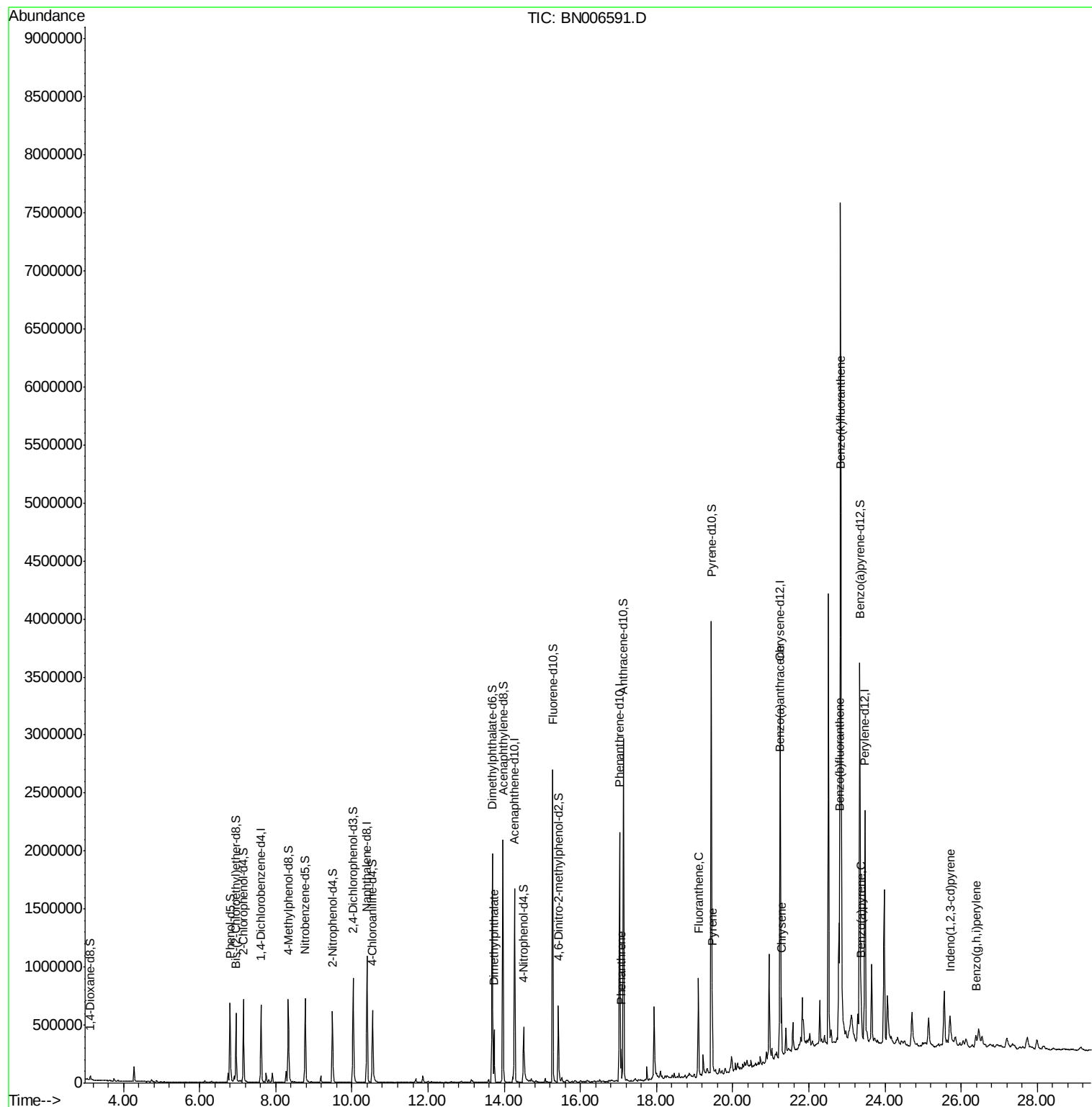
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006591.D
Acq On : 26 Jun 2019 22:47
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Misc :
ALS Vial : 10 Sample Multiplier: 1

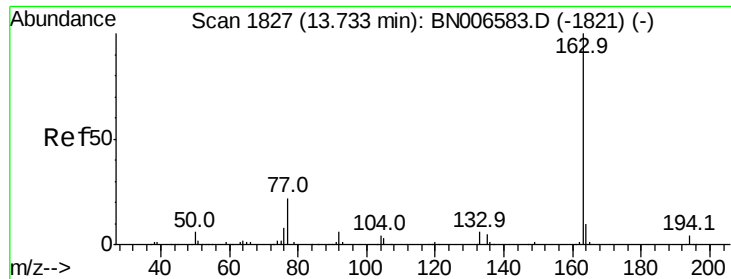
Instrument :
BNA_N
ClientSampleId :
C5AB6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.460 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

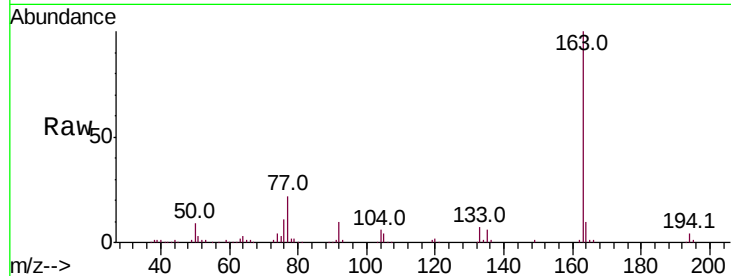
ClientSampled :

C5AB6

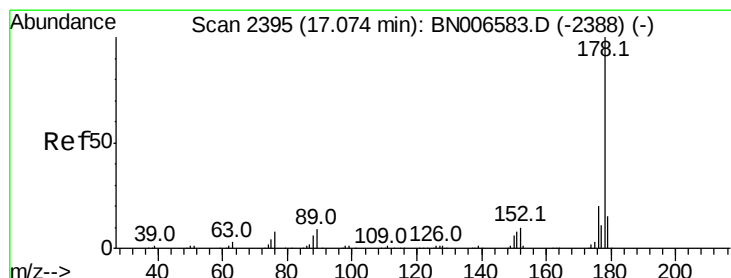
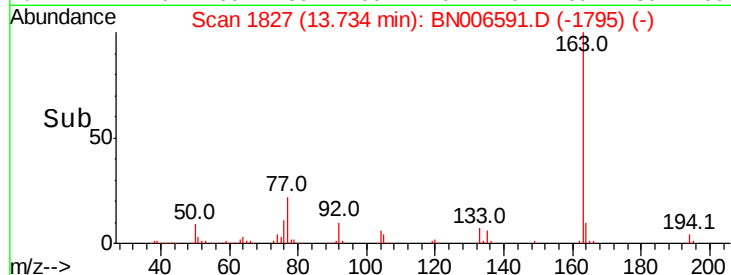
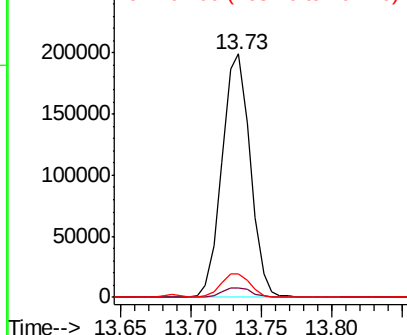
Tot Ion:	163	Resp:	277451
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	9.8	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 2.079 ng/ul

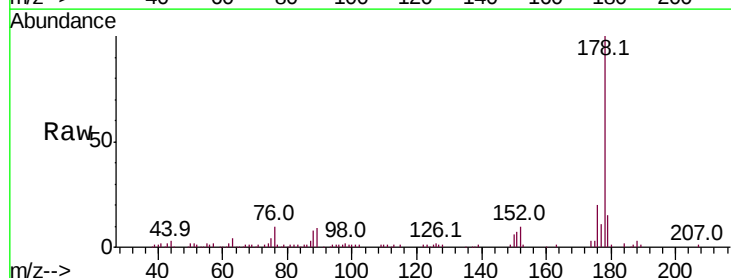
RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

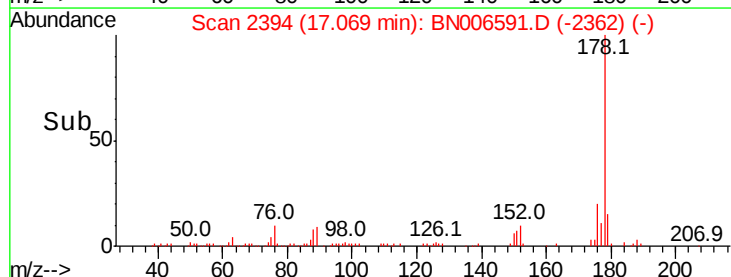
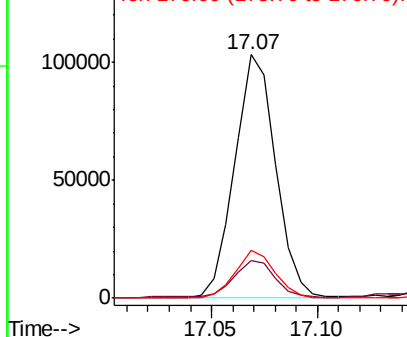
Lab File: BN006591.D

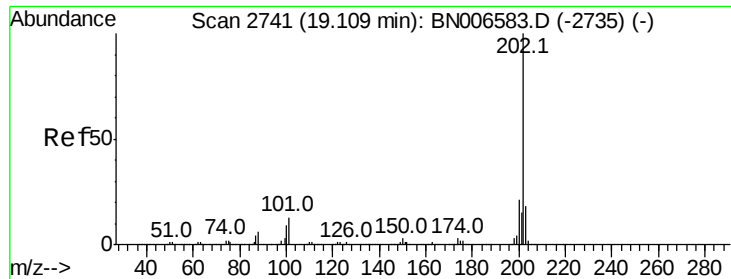
Acq: 26 Jun 2019 22:47

Tgt Ion:	178	Resp:	137388
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.5	18.7
176	19.6	15.3	22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 6.509 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

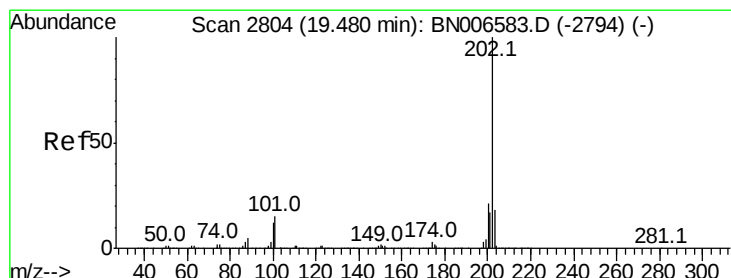
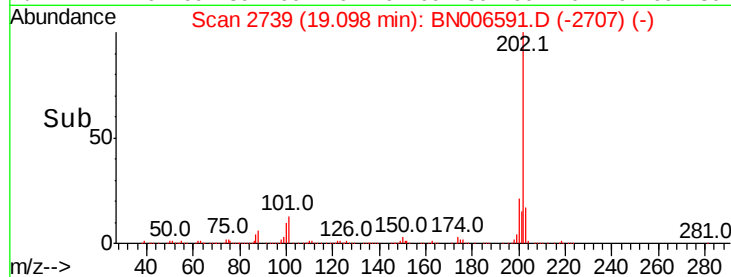
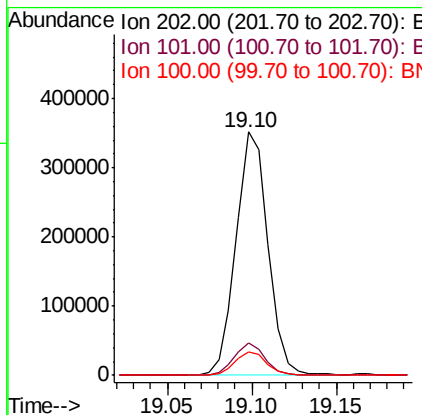
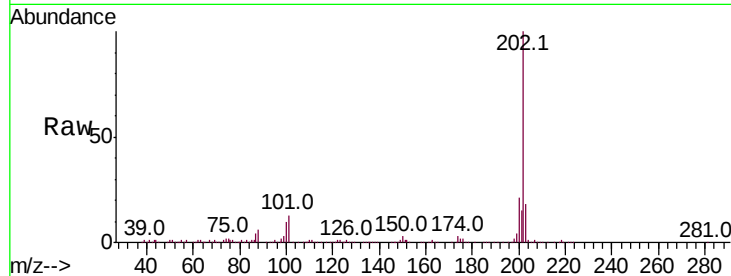
ClientSampleId :

C5AB6

Tot Ion:	202	Resp:	463535
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.5	15.7
100	9.8	7.6	11.4

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#79

Pyrene

Concen: 4.822 ng/ul

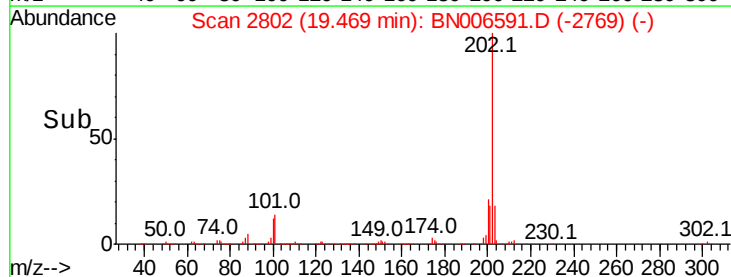
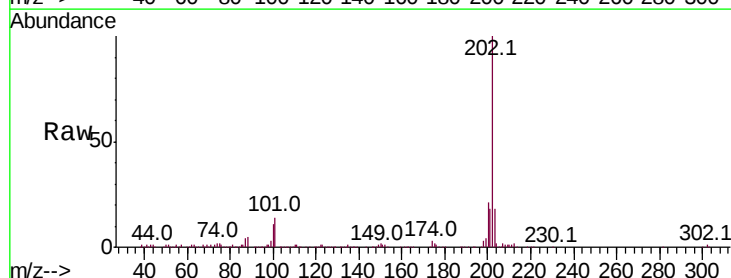
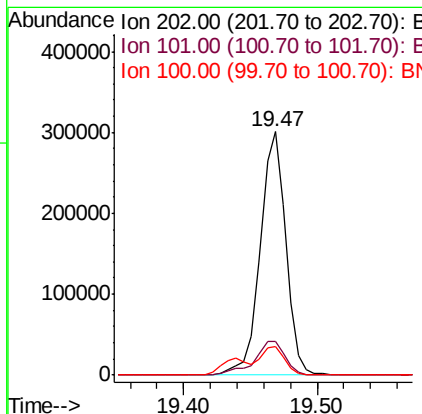
RT: 19.47 min Scan# 2802

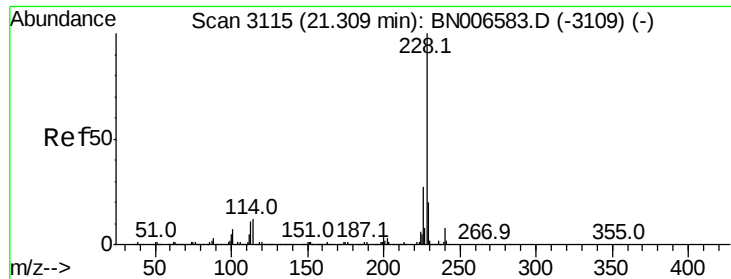
Delta R.T. -0.01 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Tgt Ion:	202	Resp:	396665
Ion Ratio	Lower	Upper	
202	100		
101	14.0	12.2	18.4
100	11.5	9.8	14.6





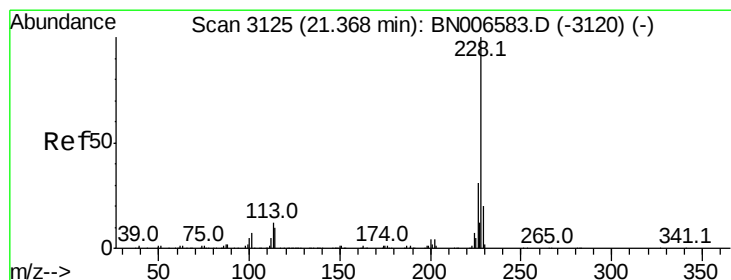
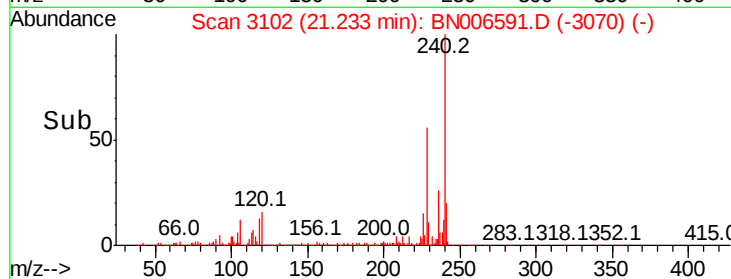
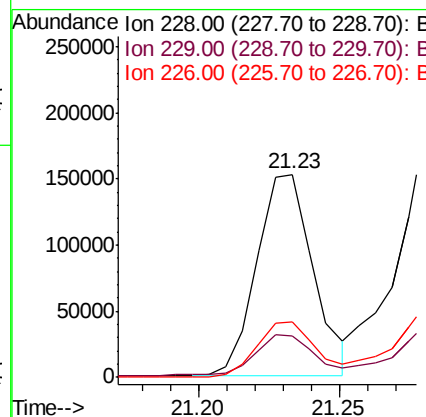
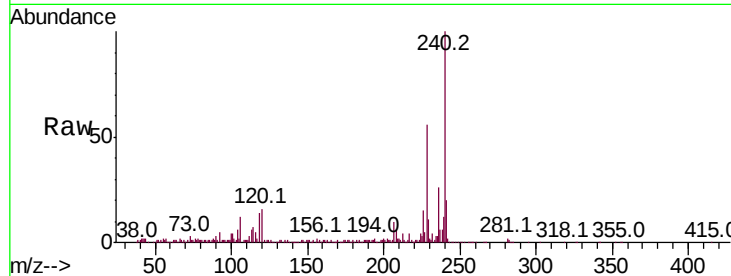
#82
Benzo(a)anthracene
Concen: 2.576 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006591.D
Acq: 26 Jun 2019 22:47

Instrument :
BNA_N
ClientSampled :
C5AB6

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	27.4	21.5	32.3

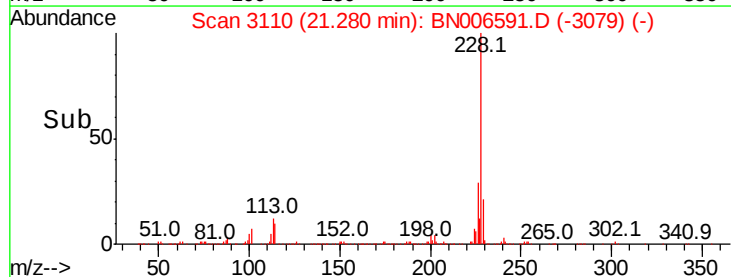
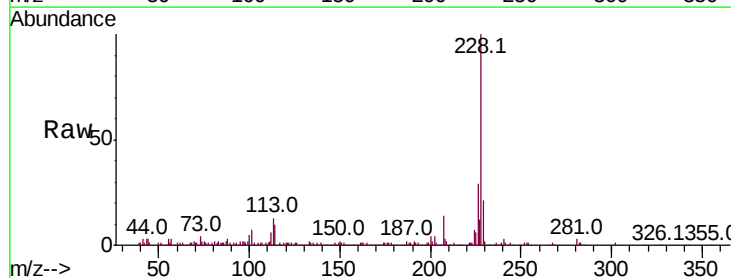
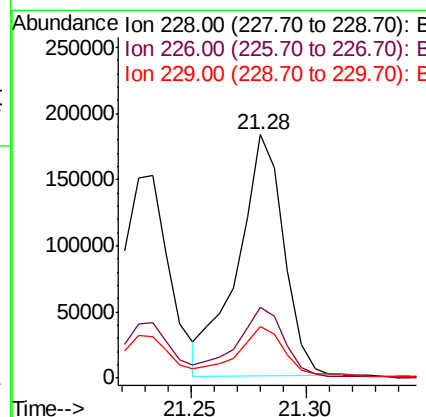
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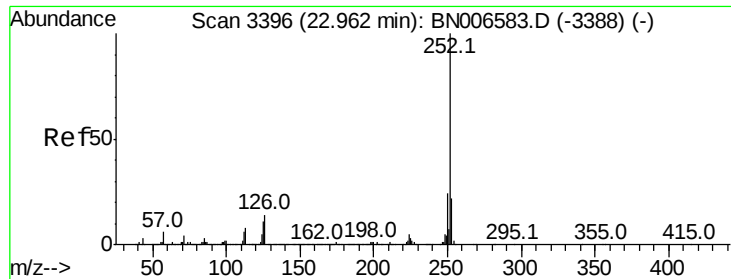
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#84
Chrysene
Concen: 3.232 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.02 min
Lab File: BN006591.D
Acq: 26 Jun 2019 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.2
229	21.2	15.9	23.9





#87

Benzo(b)fluoranthene

Concen: 4.559 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

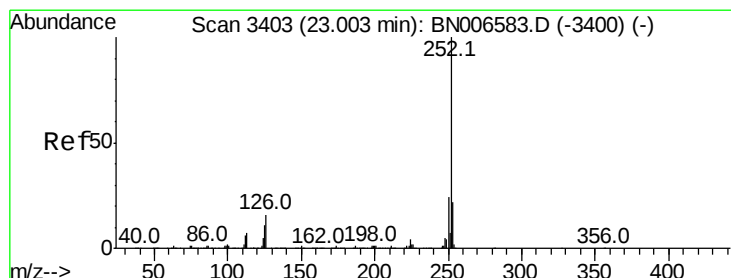
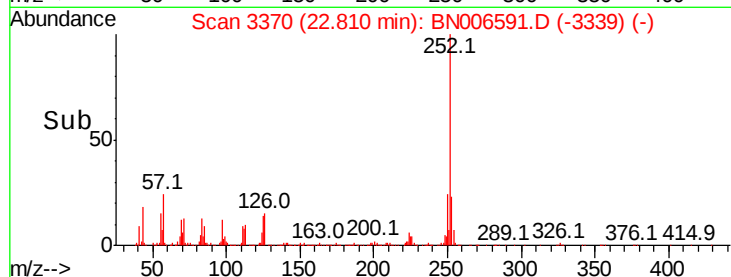
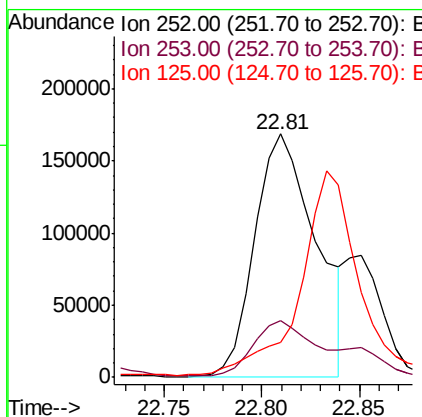
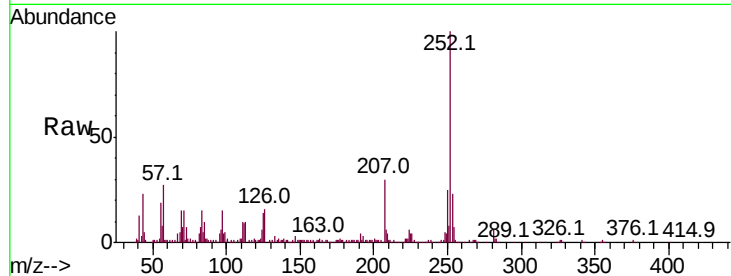
ClientSampleId :

C5AB6

Tot Ion:	252	Resp:	364900
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	14.5	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 1.465 ng/ul m

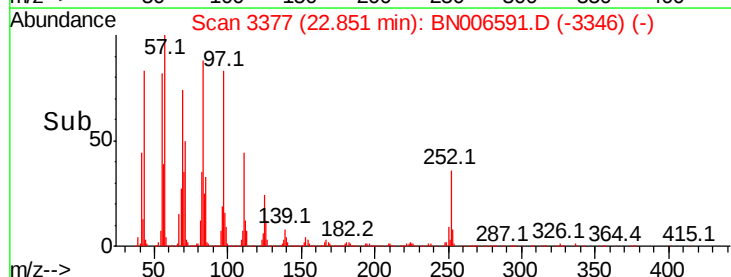
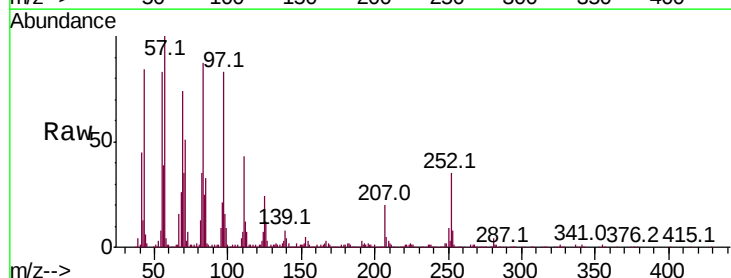
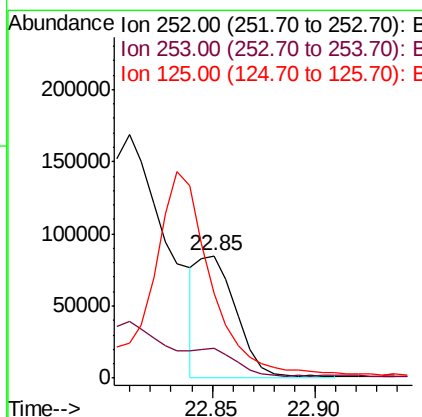
RT: 22.85 min Scan# 3377

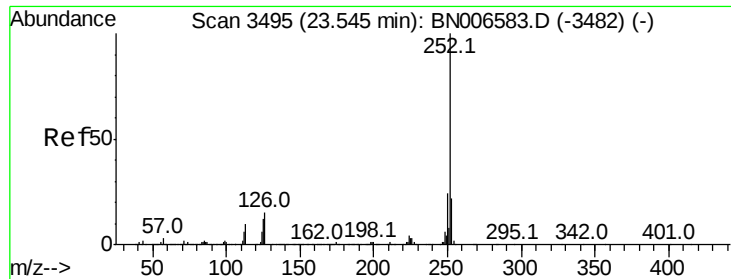
Delta R.T. -0.02 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Tgt Ion:	252	Resp:	112031
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	69.4	9.1	13.7#





#90

Benzo(a)pyrene

Concen: 2.851 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. -0.02 min

Lab File: BN006591.D

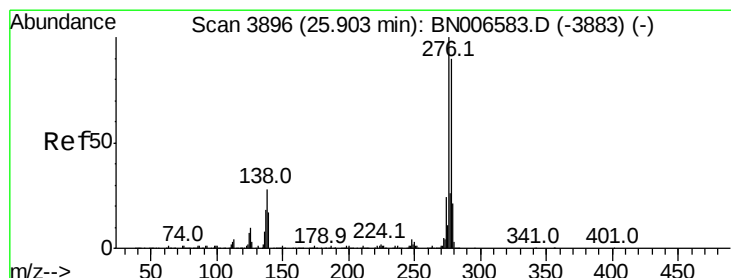
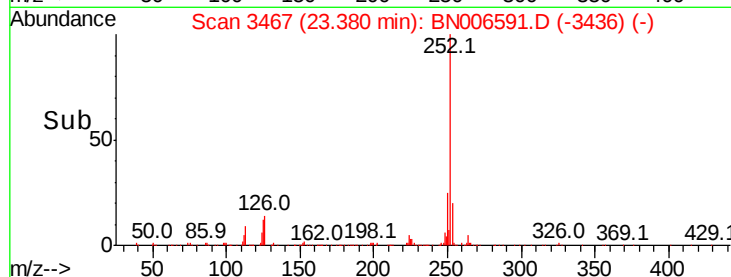
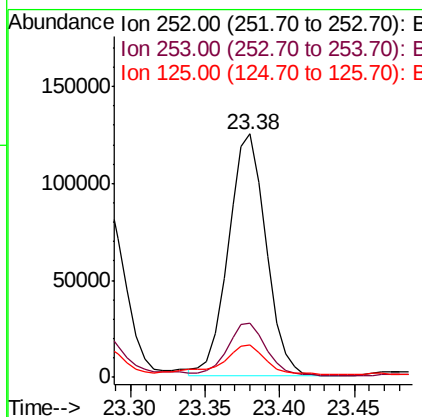
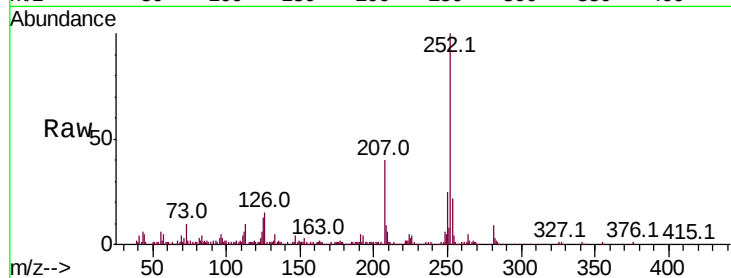
Acq: 26 Jun 2019 22:47

Instrument :
BNA_N
ClientSampleId :
C5AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	13.5	10.0	15.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.616 ng/ul

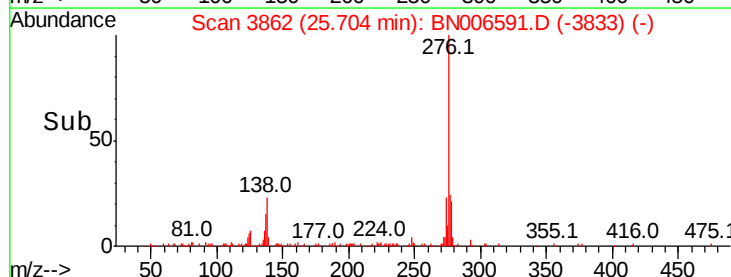
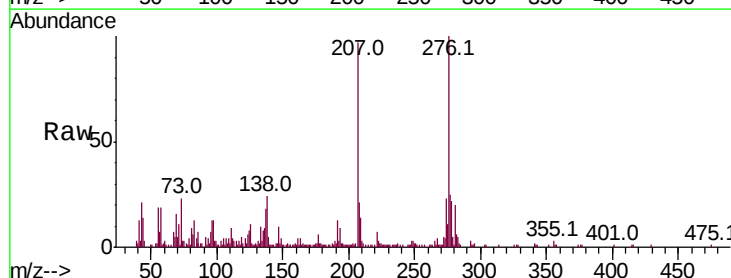
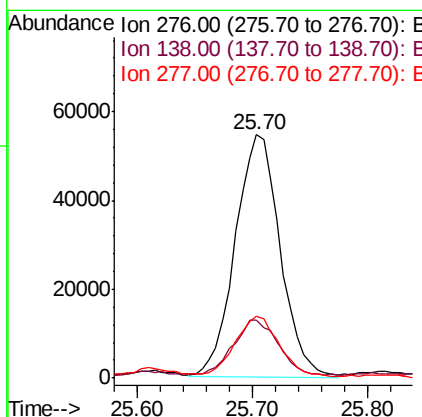
RT: 25.70 min Scan# 3862

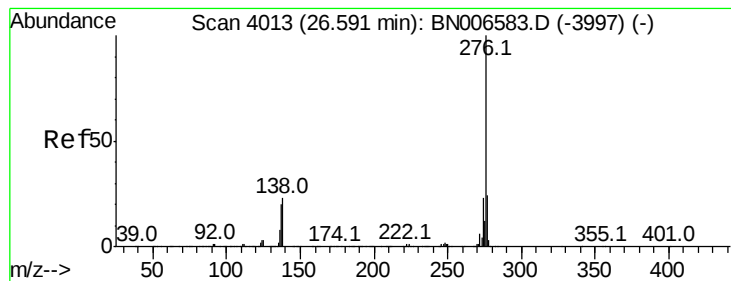
Delta R.T. -0.03 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.2	33.4
277	25.3	20.2	30.4





#93

Benzo(a,h,i)perylene

Concen: 1.592 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

C5AB6

Tot Ion:	276	Resp:	121756
Ion Ratio	Lower	Upper	
276	100		
138	22.9	19.1	28.7
277	24.4	19.4	29.0

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