

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006590.D
 Acq On : 26 Jun 2019 22:13
 Operator : HP/JU
 Sample : K3498-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB3

Manual Integrations
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 6/27/2019 8:18:47 AM

Quant Time: Jun 27 03:42:13 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	213491	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1029949	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	623055	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1374624	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1279606	20.00	ng/ul	-0.01
85) Perylene-d12	23.47	264	1238824	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	20340	3.72	ng/uL	-0.01
5) Phenol-d5	6.80	99	444208	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	292699	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	339606	20.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	309973	17.19	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	181290	21.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	210031	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	363518	21.06	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	211522	10.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1186882	21.73	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1438783	21.50	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	162617	17.43	ng/ul	0.00
57) Fluorene-d10	15.27	176	1032147	22.22	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	124429	14.30	ng/ul	0.00
70) Anthracene-d10	17.13	188	1539753	22.25	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1741175	23.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1561952	22.32	ng/ul	-0.01

Target Compounds	Ovalue					
44) Dimethylphthalate	13.73	163	262203	5.208	ng/ul	100
69) Phenanthrene	17.07	178	374499	4.939	ng/ul	100
76) Fluoranthene	19.10	202	966137	11.824	ng/ul	98
79) Pyrene	19.47	202	791943	9.090	ng/ul	99
82) Benzo(a)anthracene	21.23	228	381117	4.358	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	68167	1.217	ng/ul#	99
84) Chrysene	21.29	228	490253	5.890	ng/ul	99
87) Benzo(b)fluoranthene	22.81	252	539391	7.255	ng/ul#	97
88) Benzo(k)fluoranthene	22.85	252	177907m	2.504	ng/ul	
90) Benzo(a)pyrene	23.38	252	315639	4.427	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	191420	2.269	ng/ul	96
93) Benzo(g,h,i)perylene	26.39	276	157474	2.216	ng/ul	99

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

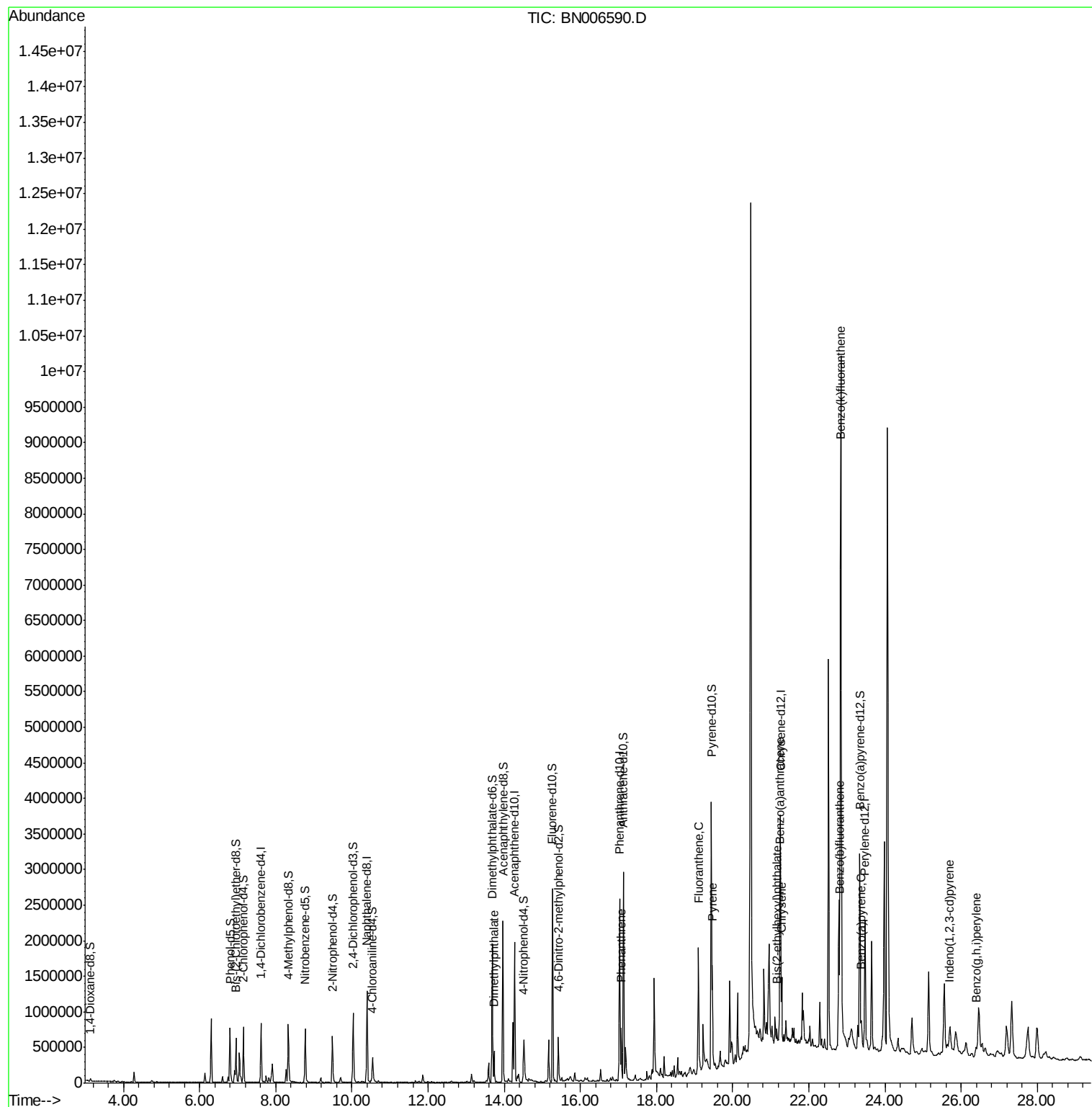
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006590.D
Acq On : 26 Jun 2019 22:13
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ALS Vial : 9 Sample Multiplier: 1

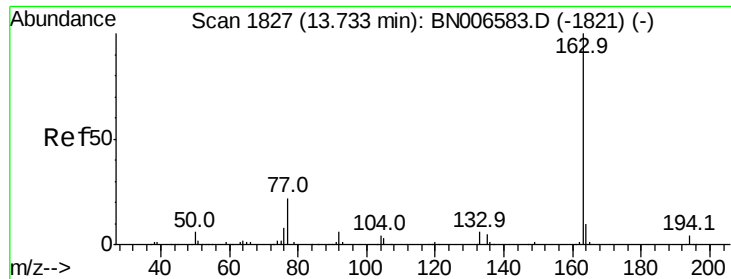
Instrument :
BNA_N
ClientSampleId :
C5AB3

Quant Time: Jun 27 03:42:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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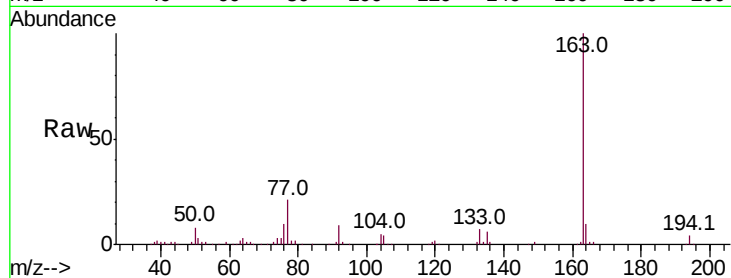
#44
Dimethylphthalate
Concen: 5.208 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN006590.D
Acq: 26 Jun 2019 22:13

Instrument :
BNA_N
ClientSampled :
C5AB3

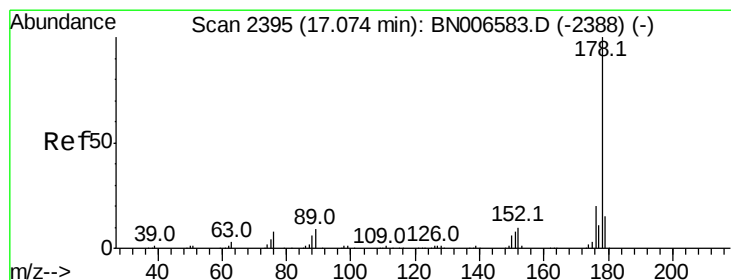
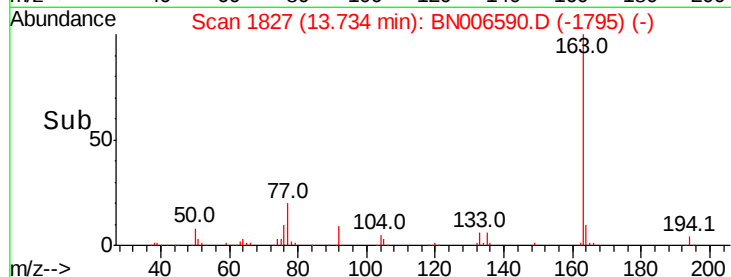
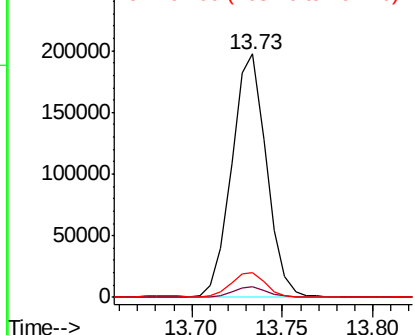
Tot Ion	Ratio	Resp	Lower	Upper
163	100	262203		
194	4.2		3.4	5.0
164	10.2		8.0	12.0

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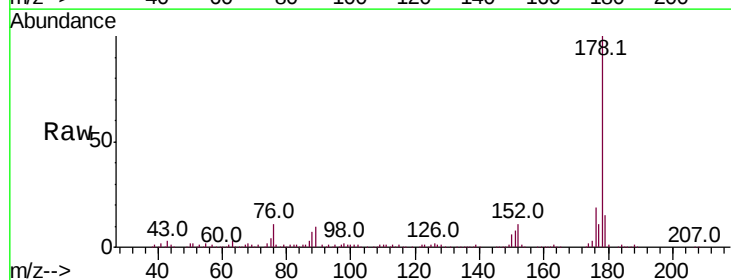


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

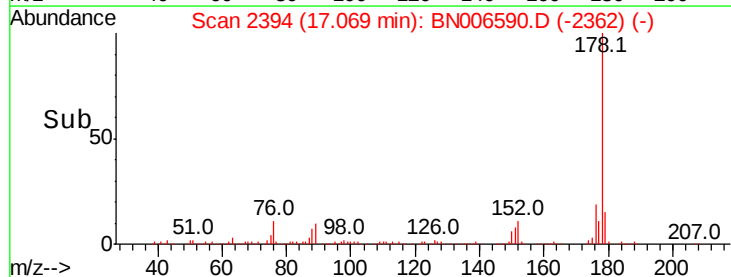
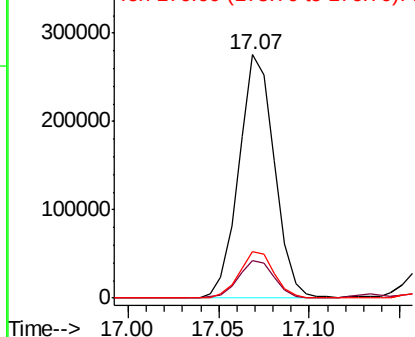


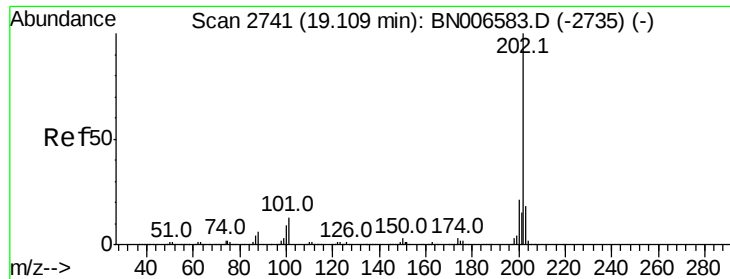
#69
Phenanthrene
Concen: 4.939 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN006590.D
Acq: 26 Jun 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	374499		
179	15.5		12.5	18.7
176	19.1		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: 11.824 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

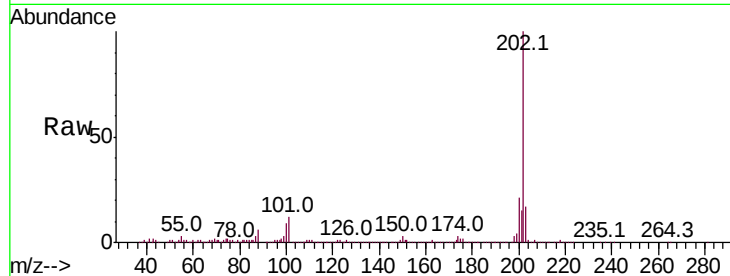
ClientSampleId :

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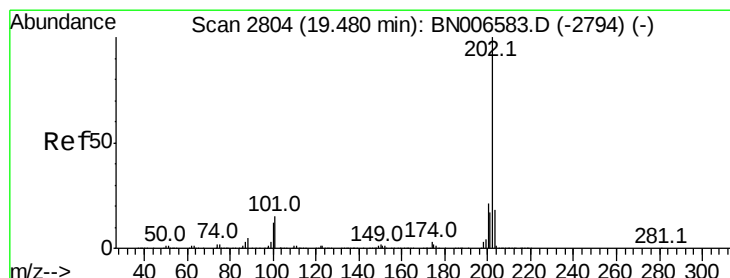
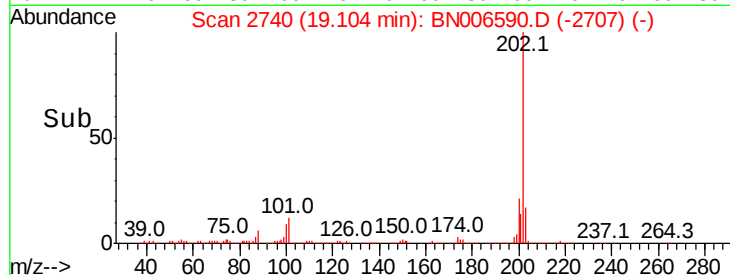
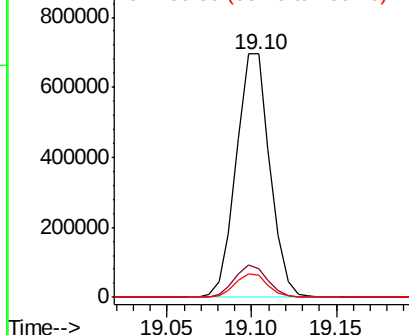
Tot Ion:	202	Resp:	966137
Ion Ratio	Lower	Upper	
202	100		
101	12.0	10.5	15.7
100	9.1	7.6	11.4

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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



#79

Pyrene

Concen: 9.090 ng/ul

RT: 19.47 min Scan# 2802

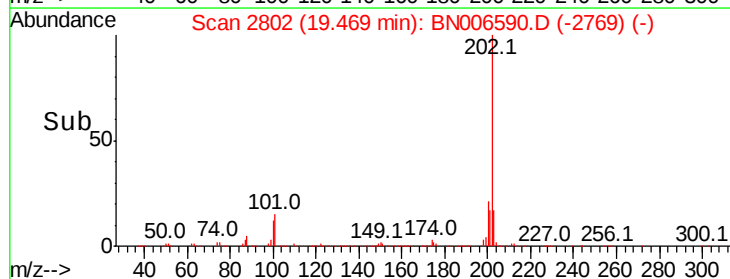
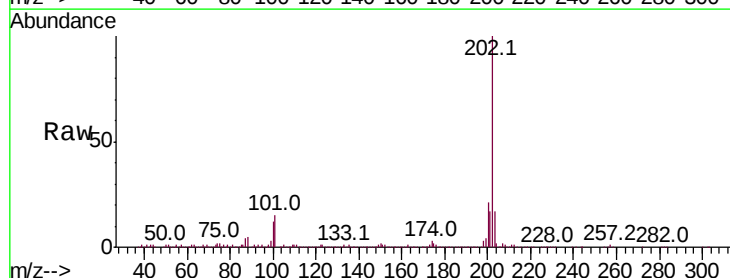
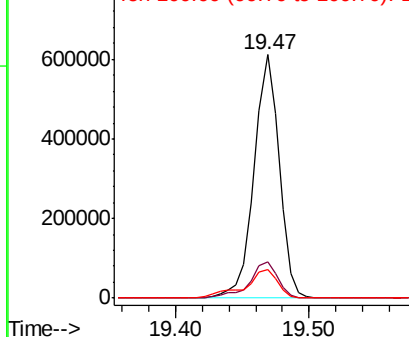
Delta R.T. -0.01 min

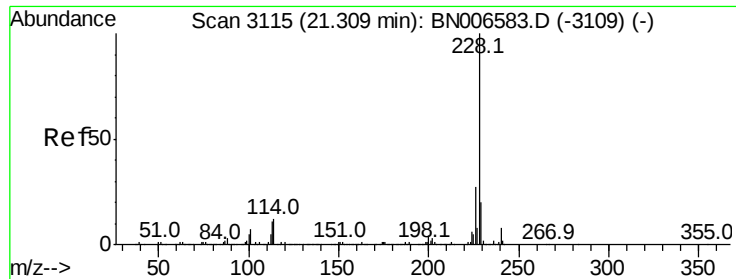
Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Tgt Ion:	202	Resp:	791943
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.4
100	11.9	9.8	14.6

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





#82

Benzo(a)anthracene

Concen: 4.358 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

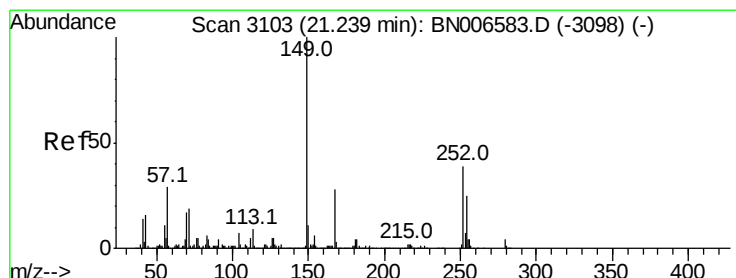
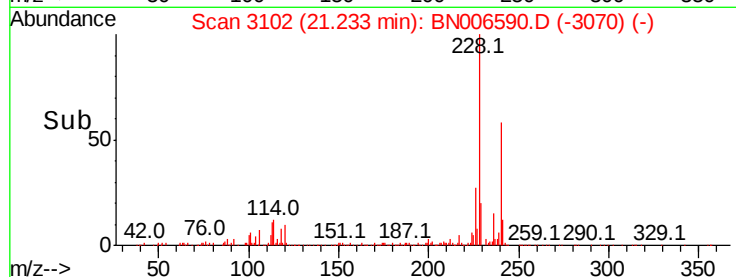
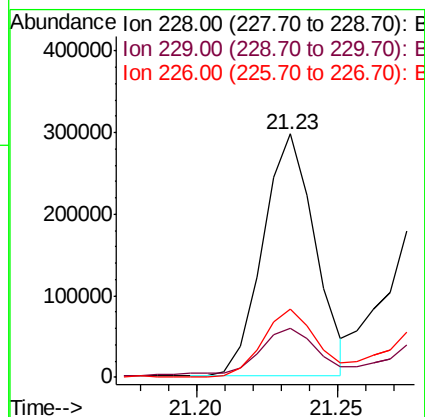
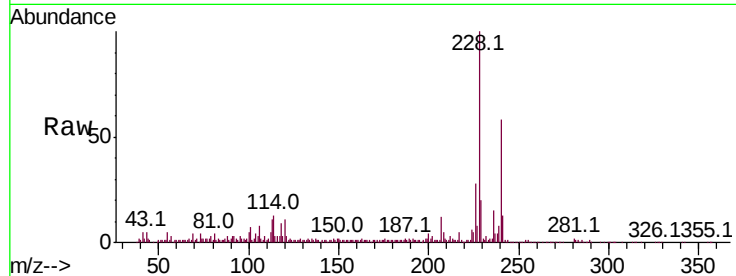
ClientSampleId :

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Tot Ion:	228	Resp:	381117
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.6	23.4
226	27.8	21.5	32.3

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.217 ng/ul

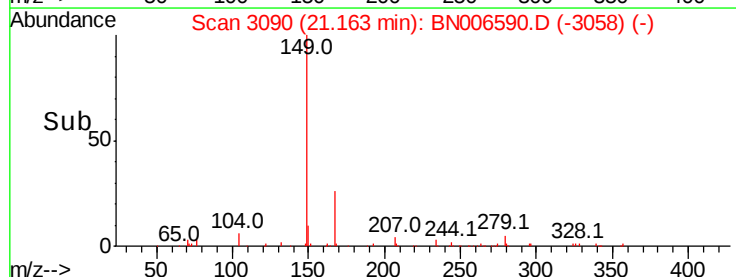
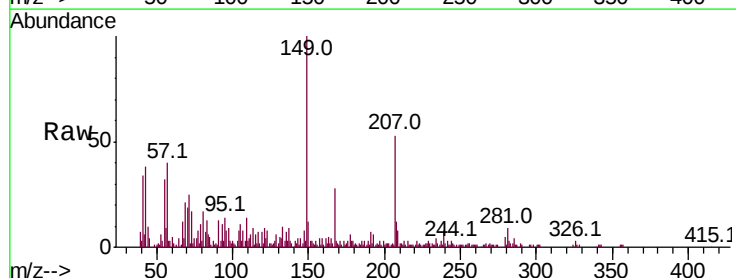
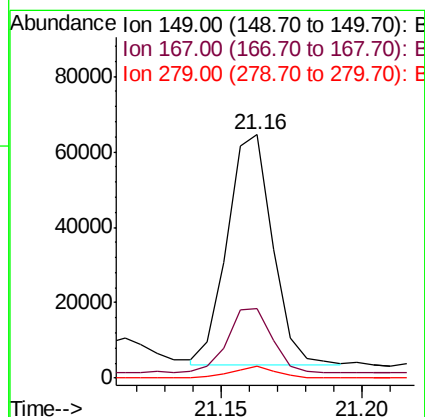
RT: 21.16 min Scan# 3090

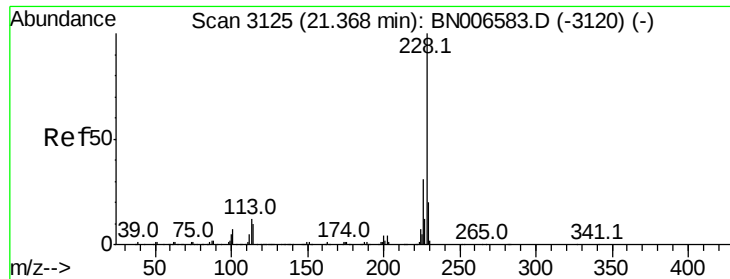
Delta R.T. -0.01 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Tgt Ion:	149	Resp:	68167
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.4
279	5.0	3.3	4.9#





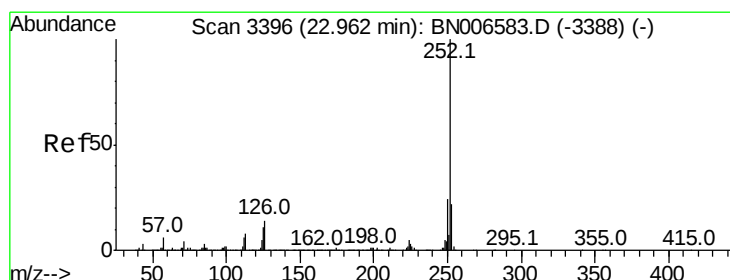
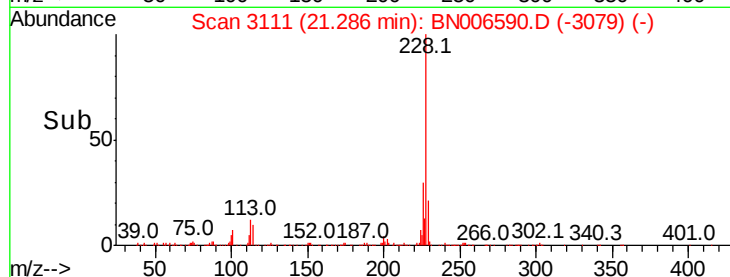
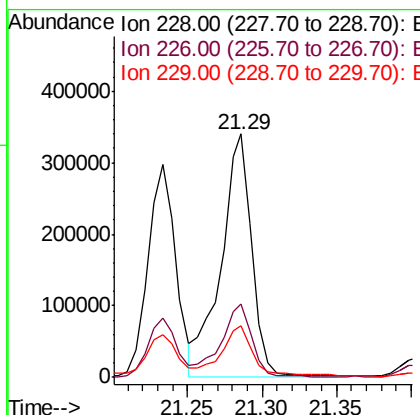
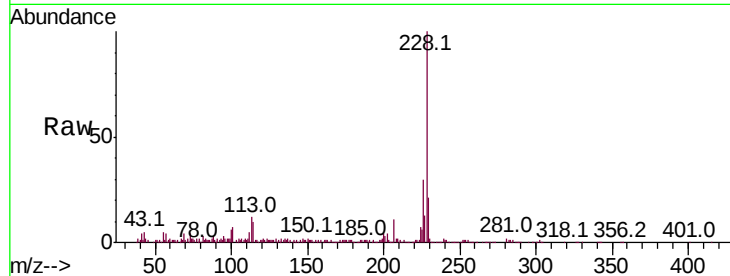
#84
Chrysene
Concen: 5.890 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BN006590.D
Acq: 26 Jun 2019 22:13

Instrument :
BNA_N
ClientSampled :
C5AB3

Tot Ion	Ratio	Resp	Lower	Upper
228	100	490253		
226	30.3		24.2	36.2
229	21.3		15.9	23.9

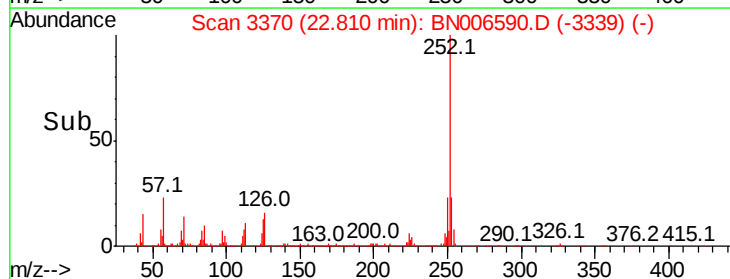
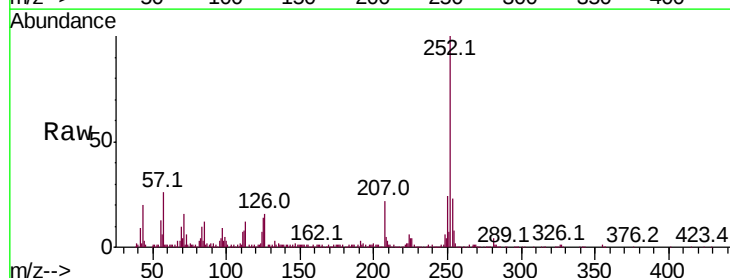
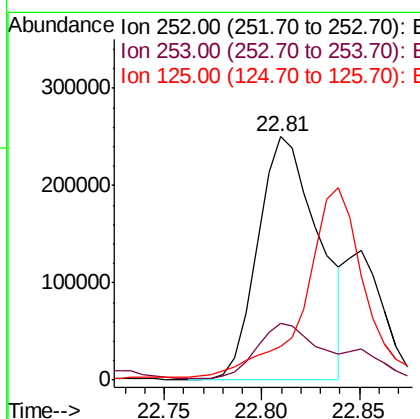
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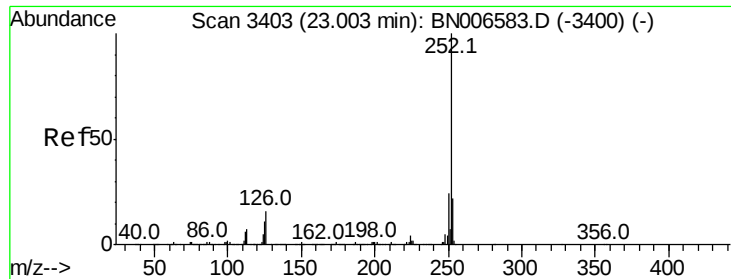
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#87
Benzo(b)fluoranthene
Concen: 7.255 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BN006590.D
Acq: 26 Jun 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	539391		
253	23.1		17.7	26.5
125	13.6		9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.504 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.02 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

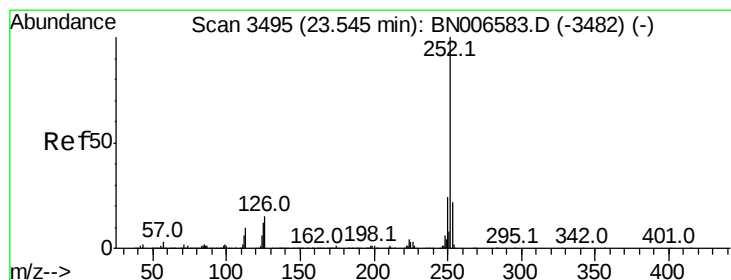
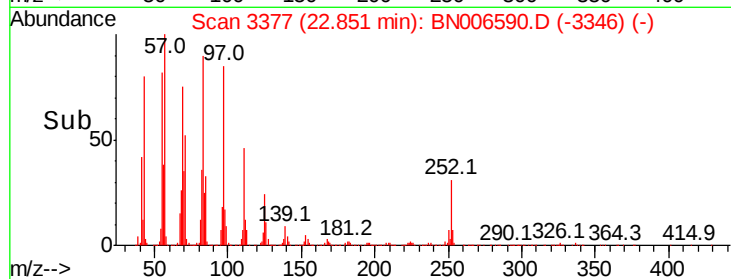
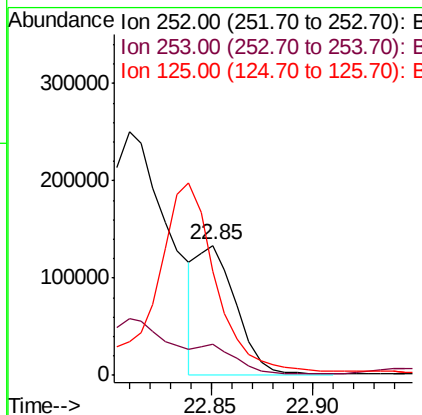
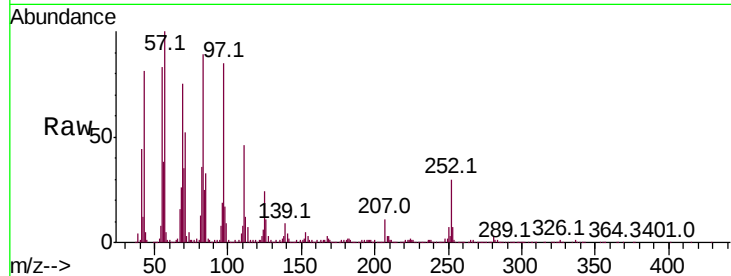
ClientSampleId :

C5AB3

Tot Ion:	252	Resp:	177907
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	80.1	9.1	13.7#

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#90

Benzo(a)pyrene

Concen: 4.427 ng/ul

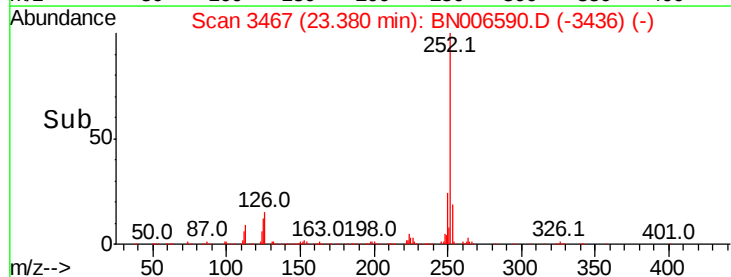
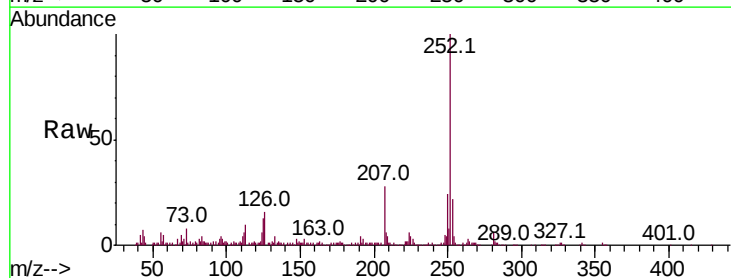
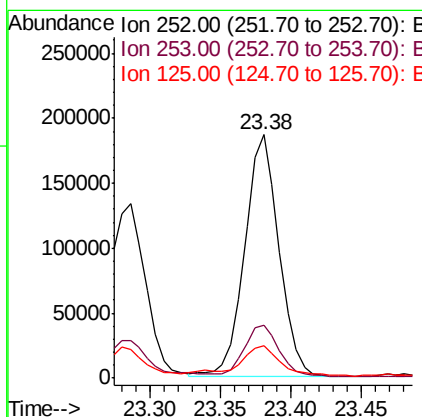
RT: 23.38 min Scan# 3467

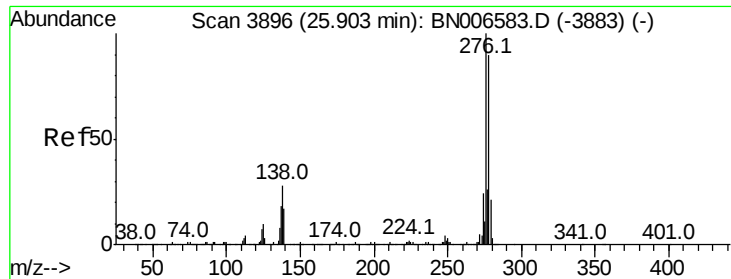
Delta R.T. -0.02 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Tgt Ion:	252	Resp:	315639
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	13.4	10.0	15.0





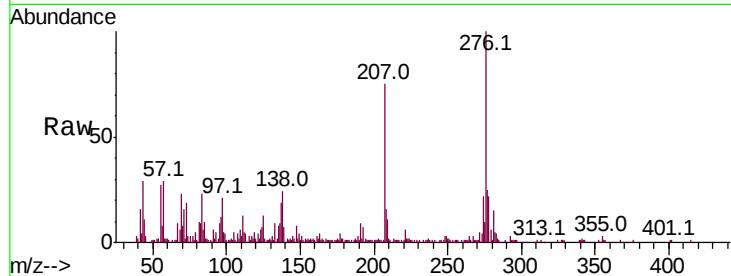
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.269 ng/ul
 RT: 25.70 min Scan# 3862
 Delta R.T. -0.03 min
 Lab File: BN006590.D
 Acq: 26 Jun 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 C5AB3

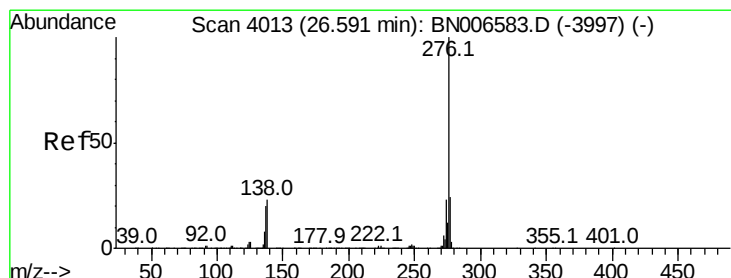
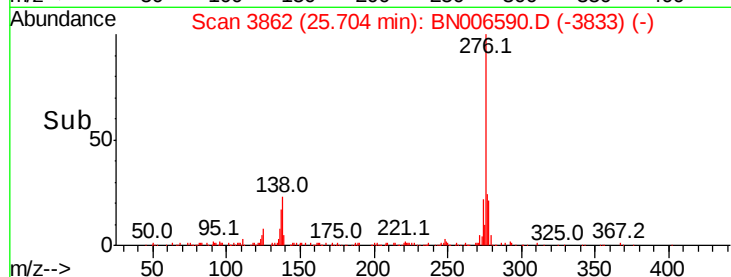
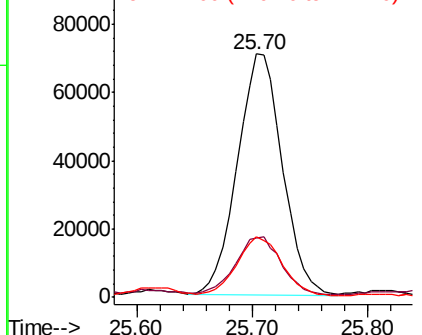
Tot Ion:	276	Resp:	191420
Ion Ratio	Lower	Upper	
276	100		
138	24.2	22.2	33.4
277	24.7	20.2	30.4

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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



#93
 Benzo(g,h,i)perylene
 Concen: 2.216 ng/ul
 RT: 26.39 min Scan# 3978
 Delta R.T. -0.03 min
 Lab File: BN006590.D
 Acq: 26 Jun 2019 22:13

Tgt Ion:	276	Resp:	157474
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.1	28.7
277	23.4	19.4	29.0

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

