

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005869.D
 Acq On : 23 May 2019 02:23
 Operator : JU/SJ
 Sample : K2927-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A8

Manual Integrations
 APPROVED

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 5/23/2019 3:31:18 PM

Quant Time: May 23 06:54:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	64240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	276754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	198107	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	528293	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	656491	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	763370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6957m	6.06	ng/uL	0.00
5) Phenol-d5	6.76	99	120414	24.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	72745	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	107001	26.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	98568	23.22	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	55066	27.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	59675	25.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	117249m	26.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	102151	20.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	454993	29.85	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	551765	29.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	28214m	13.14	ng/ul	0.03
57) Fluorene-d10	15.20	176	419130	32.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	34065	10.73	ng/ul	0.01
70) Anthracene-d10	17.06	188	675555	29.60	ng/ul	0.00
78) Pyrene-d10	19.37	212	860430	26.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	982837	28.70	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.67	163	147920	9.842	ng/ul	99
69) Phenanthrene	17.00	178	113559	4.336	ng/ul	98
76) Fluoranthene	19.04	202	418477	12.925	ng/ul#	87
79) Pyrene	19.40	202	381020	9.451	ng/ul#	87
82) Benzo(a)anthracene	21.17	228	240877	5.824	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.11	149	44166	1.885	ng/ul	98
84) Chrysene	21.23	228	263381	6.755	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	373653	8.897	ng/ul#	95
88) Benzo(k)fluoranthene	22.78	252	139730m	3.439	ng/ul	
90) Benzo(a)pyrene	23.30	252	241384m	5.936	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	159104	3.200	ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	103720	2.496	ng/ul#	87

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

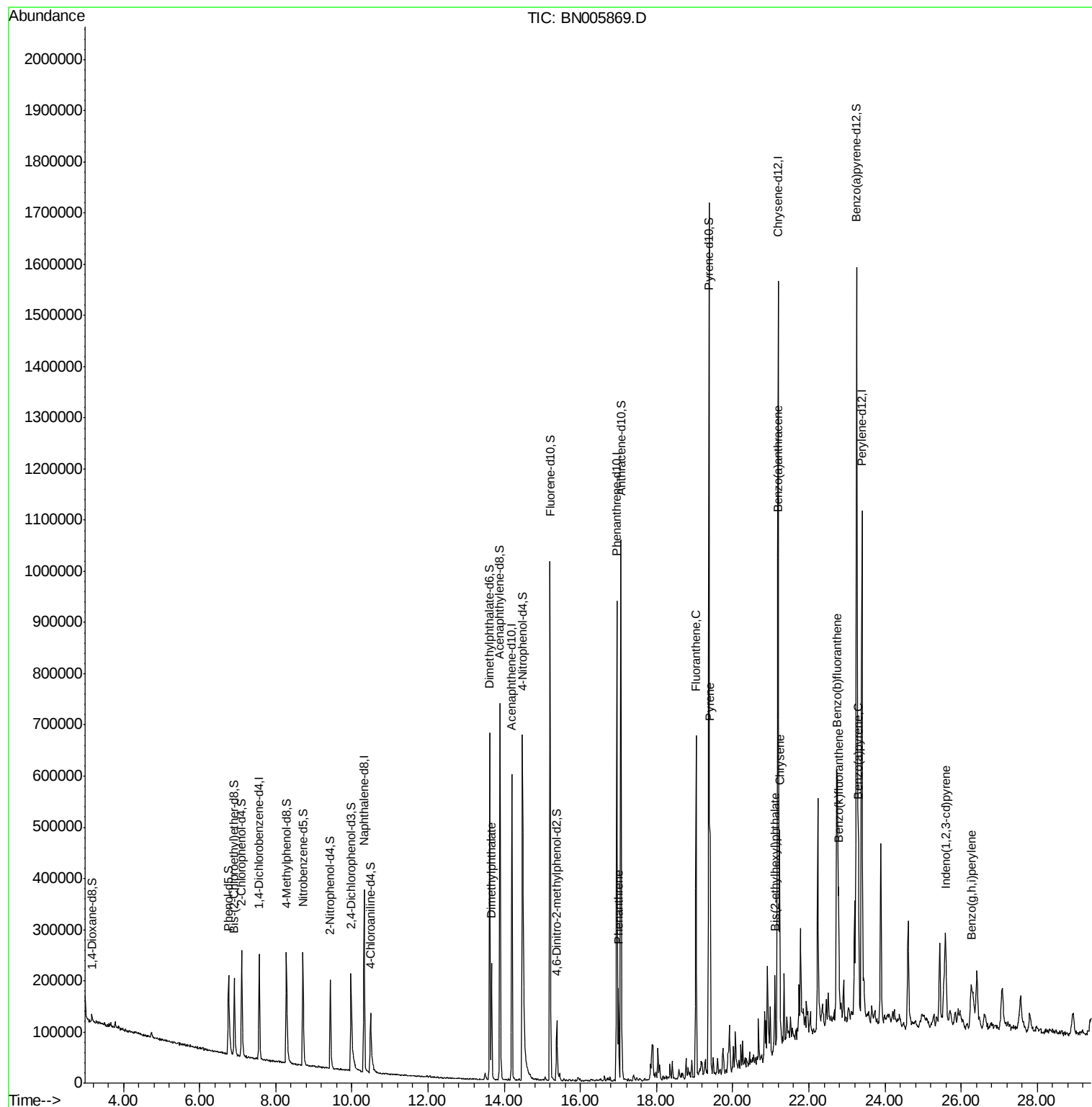
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005869.D
Acq On : 23 May 2019 02:23
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ALS Vial : 18 Sample Multiplier: 1

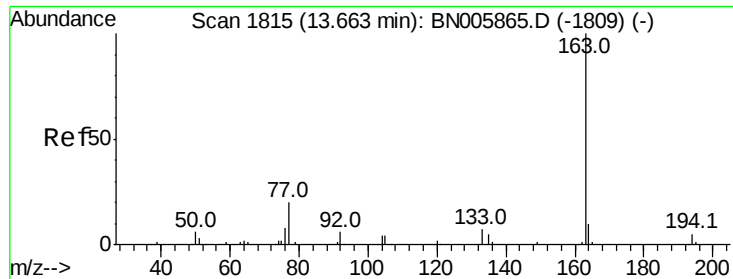
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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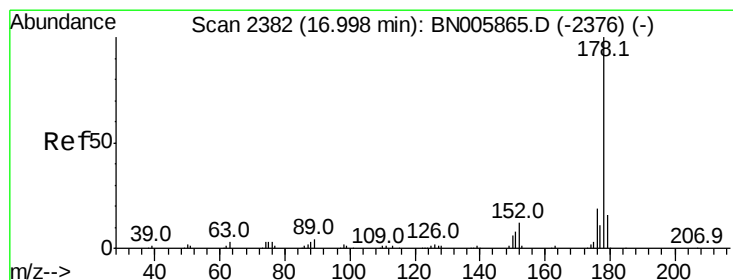
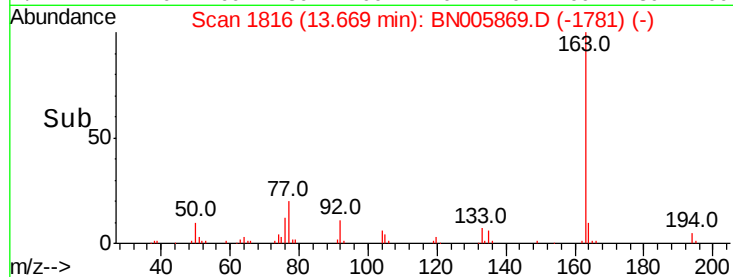
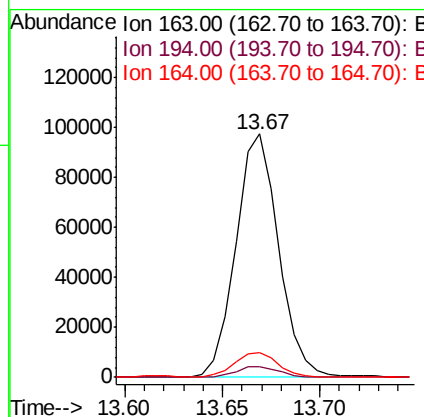
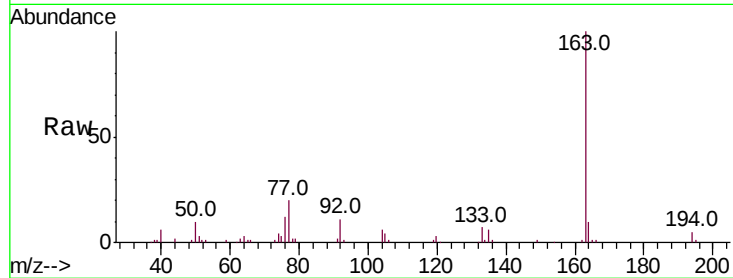
#44
Dimethylphthalate
Concen: 9.842 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

Instrument :
BNA_N
ClientSampleId :
A42A8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	147920		
194	4.6		3.4	5.0
164	10.0		8.1	12.1

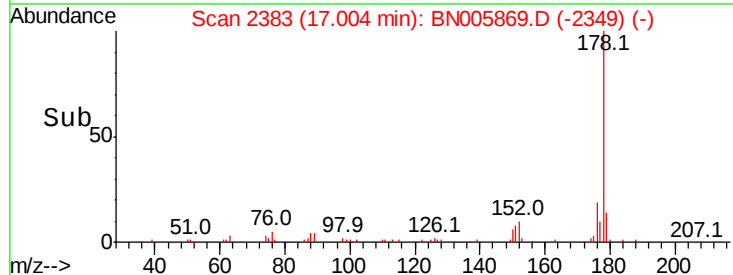
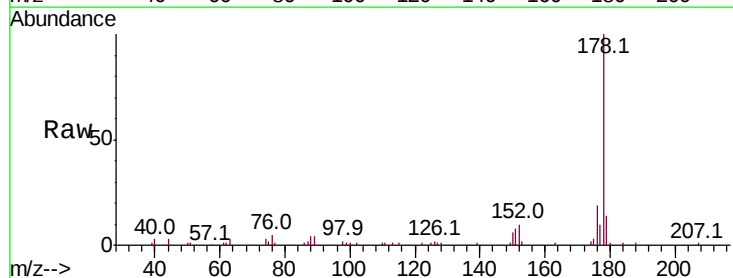
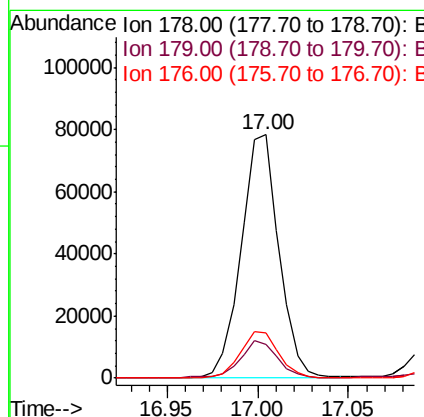
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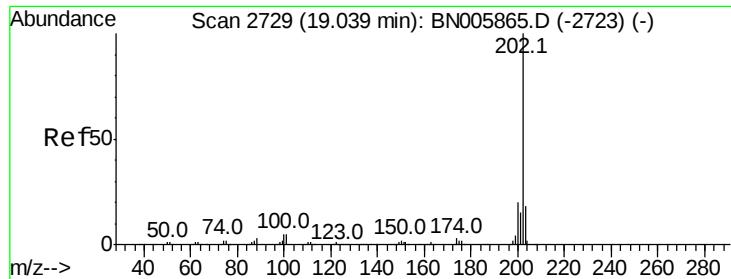
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#69
Phenanthrene
Concen: 4.336 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	113559		
179	14.0		12.2	18.4
176	18.6		15.1	22.7





#76

Fluoranthene

Concen: 12.925 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

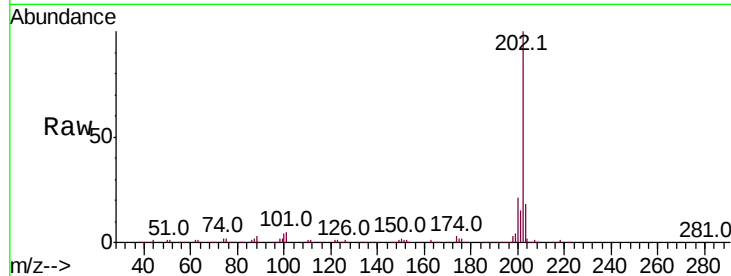
ClientSampleId :

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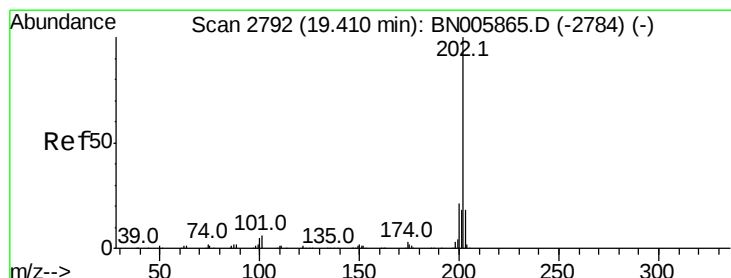
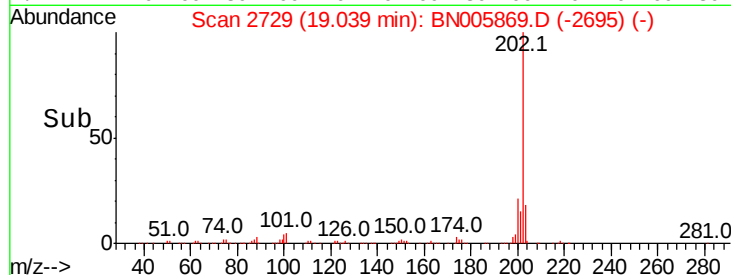
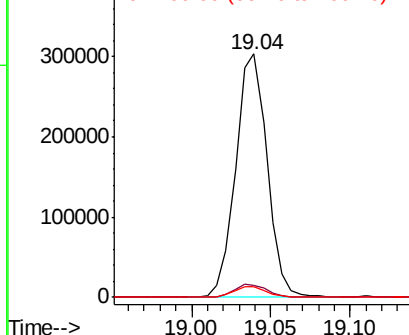
Tot Ion:	202	Resp:	418477
Ion Ratio	Lower	Upper	
202	100		
101	4.9	8.6	12.8#
100	4.4	6.3	9.5#

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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: 9.451 ng/ul

RT: 19.40 min Scan# 2791

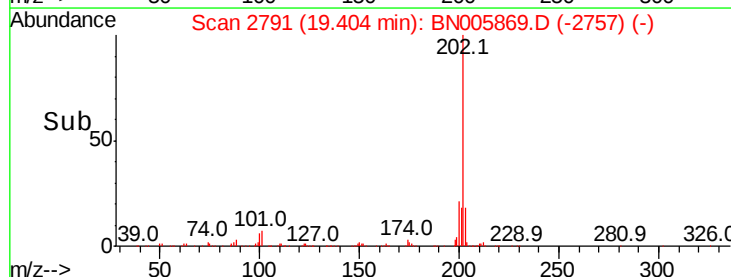
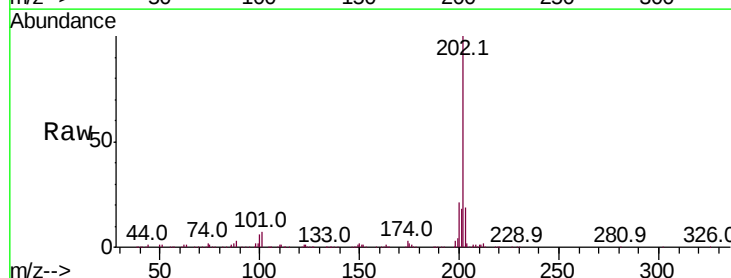
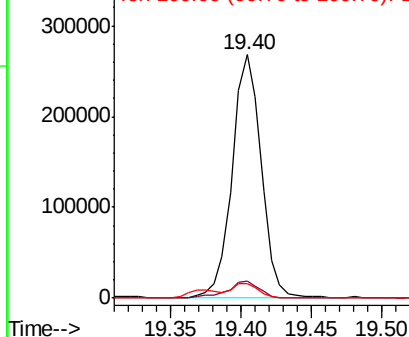
Delta R.T. -0.00 min

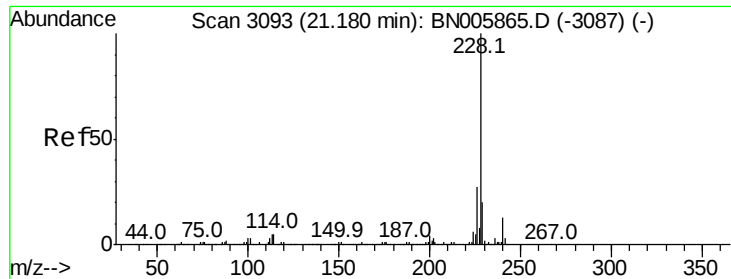
Lab File: BN005869.D

Acq: 23 May 2019 02:23

Tgt Ion:	202	Resp:	381020
Ion Ratio	Lower	Upper	
202	100		
101	6.8	10.3	15.5#
100	5.9	7.9	11.9#

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: 5.824 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

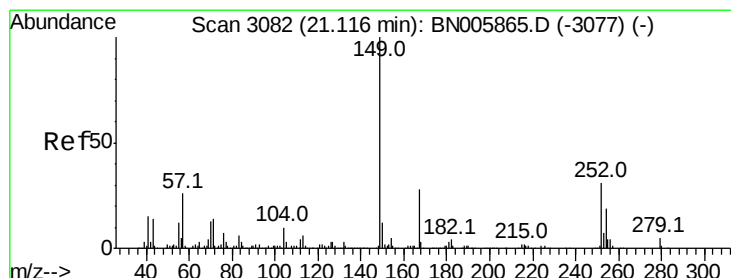
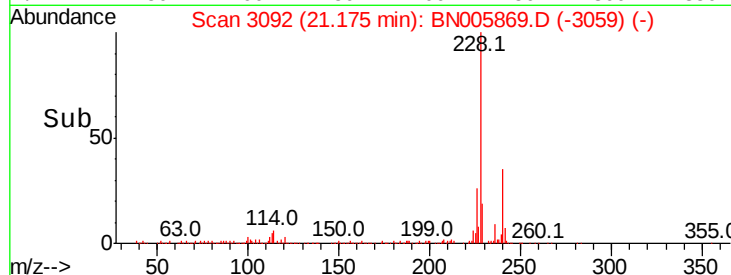
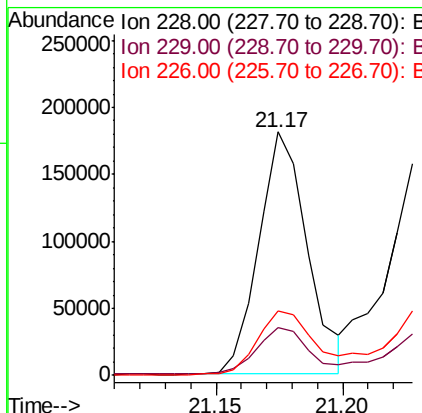
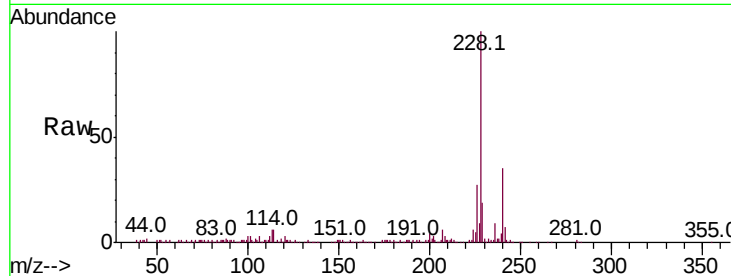
ClientSampleId :

A42A8

Tot Ion:	228	Resp:	240877
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.8	23.6
226	26.7	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.885 ng/ul

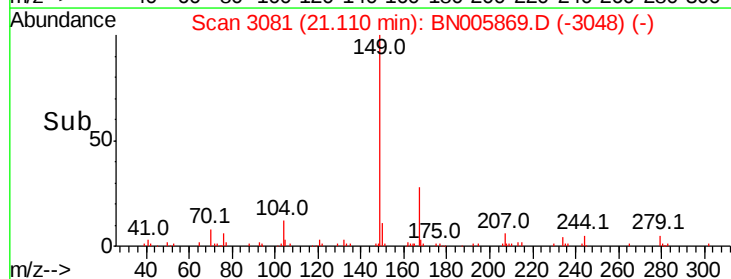
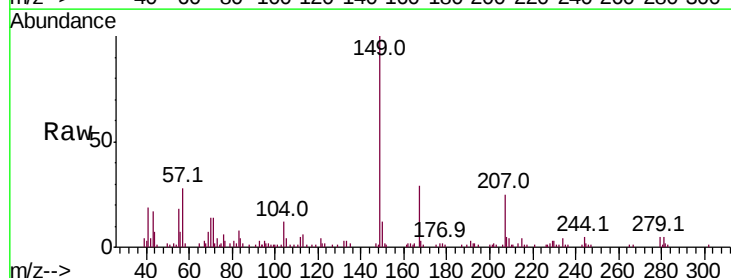
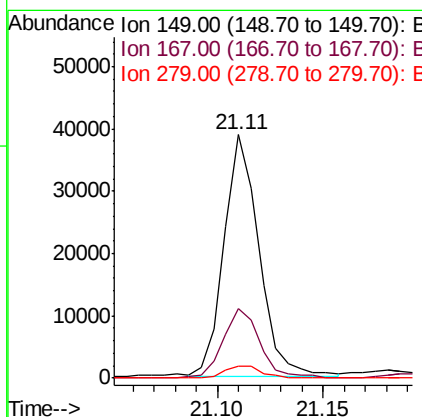
RT: 21.11 min Scan# 3081

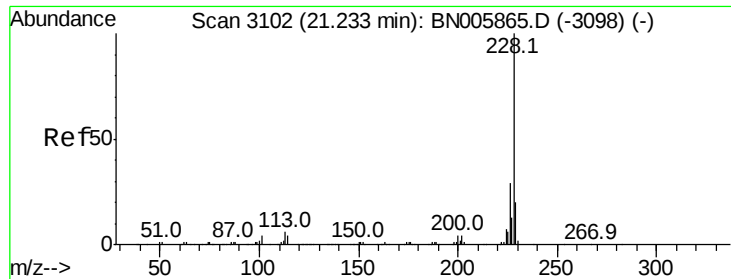
Delta R.T. -0.01 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Tgt Ion:	149	Resp:	44166
Ion Ratio	Lower	Upper	
149	100		
167	28.7	22.3	33.5
279	4.8	3.3	4.9





#84

Chrysene

Concen: 6.755 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

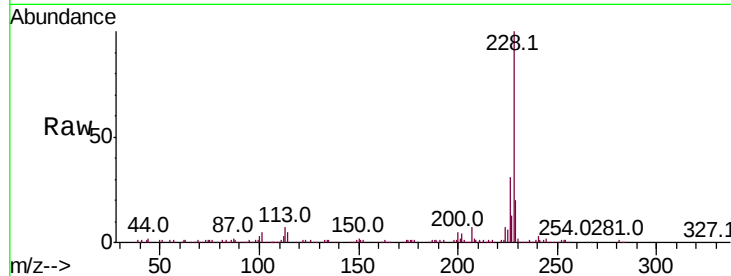
ClientSampled :

A42A8

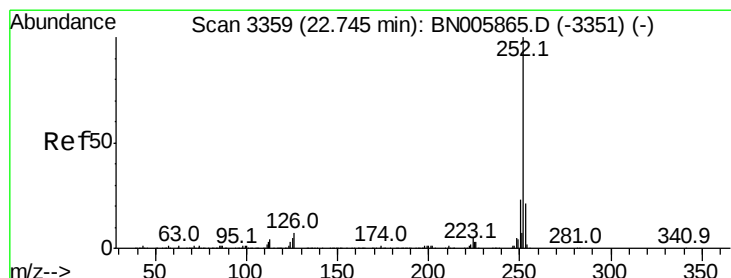
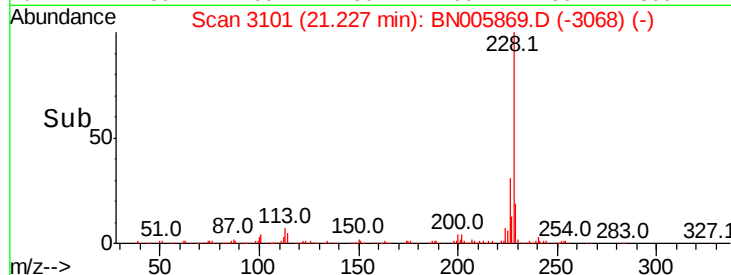
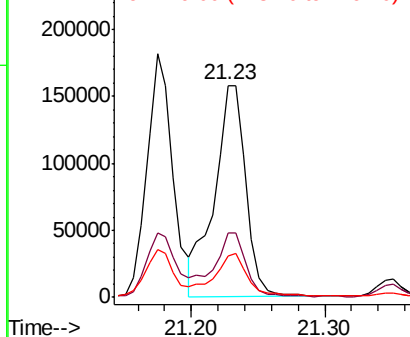
Tot Ion:	228	Resp:	263381
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	19.5	15.4	23.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 8.897 ng/ul

RT: 22.75 min Scan# 3359

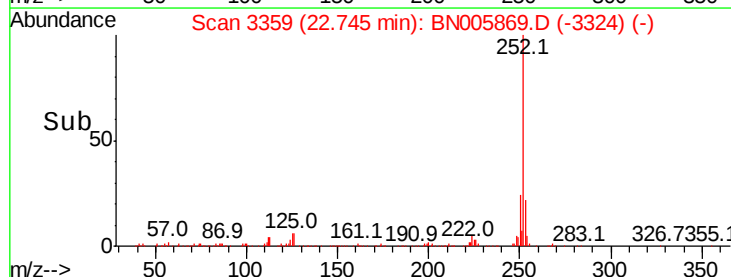
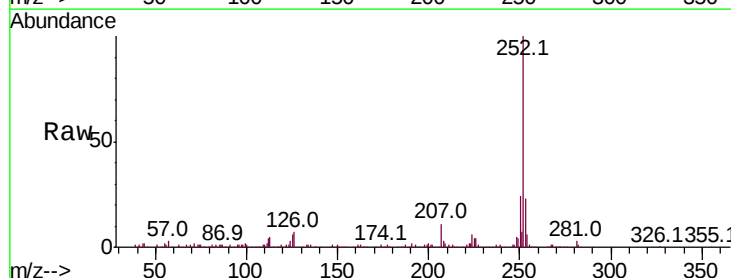
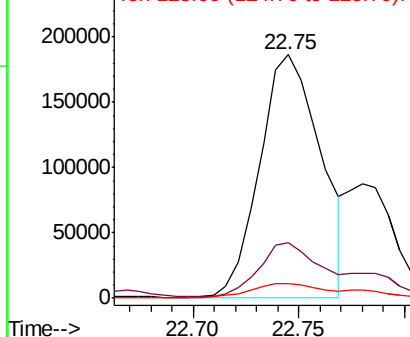
Delta R.T. 0.01 min

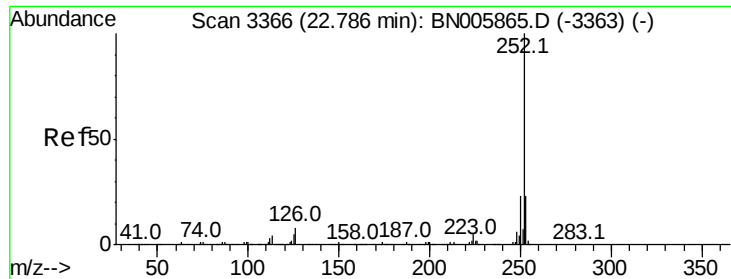
Lab File: BN005869.D

Acq: 23 May 2019 02:23

Tgt Ion:	252	Resp:	373653
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	5.9	8.4	12.6#

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





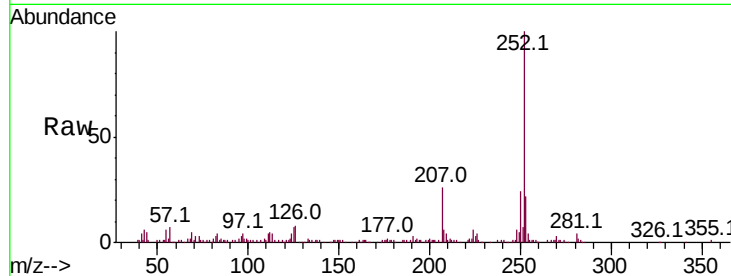
#88
Benzo(k)fluoranthene
Concen: 3.439 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

Instrument :
BNA_N
ClientSampleId :
A42A8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	6.8	7.5	11.3

Manual Integrations
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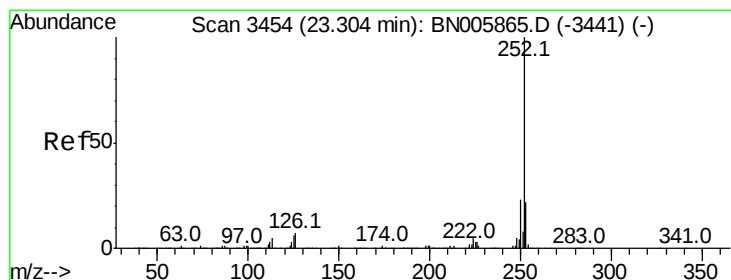
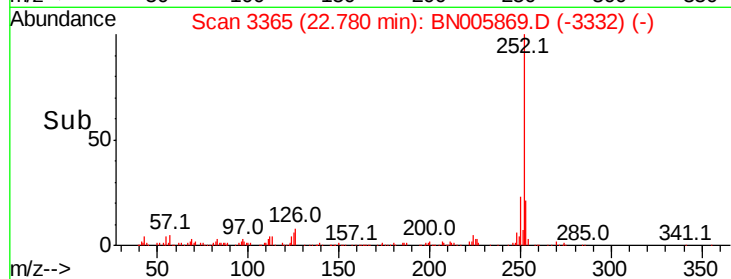
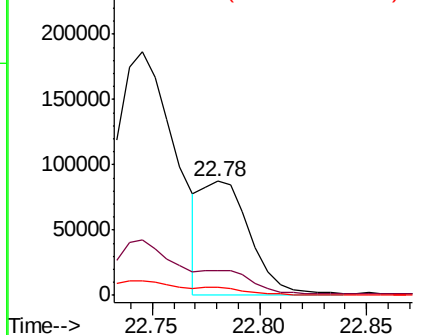


Abundance

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



#90
Benzo(a)pyrene
Concen: 5.936 ng/ul m
RT: 23.30 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

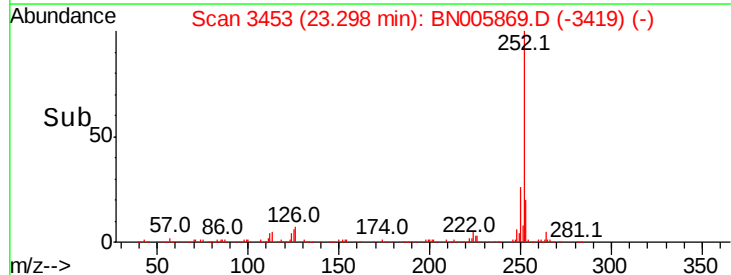
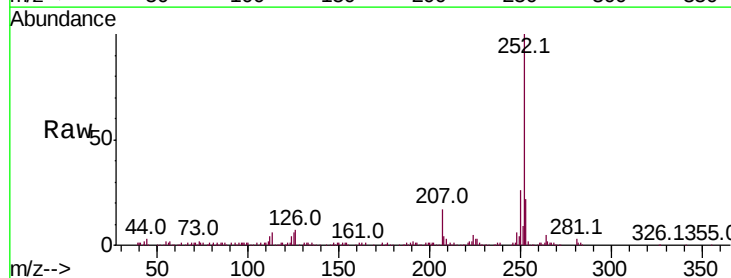
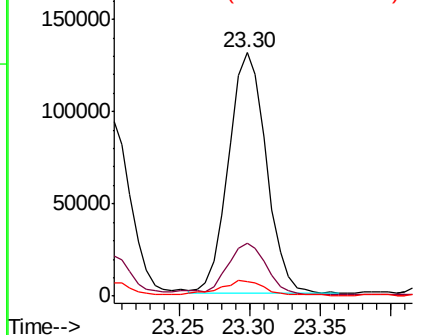
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	6.2	8.6	13.0

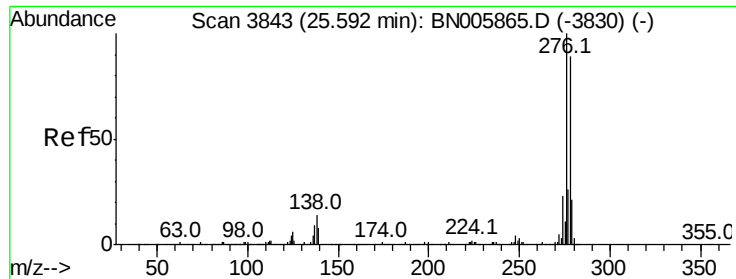
Abundance

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





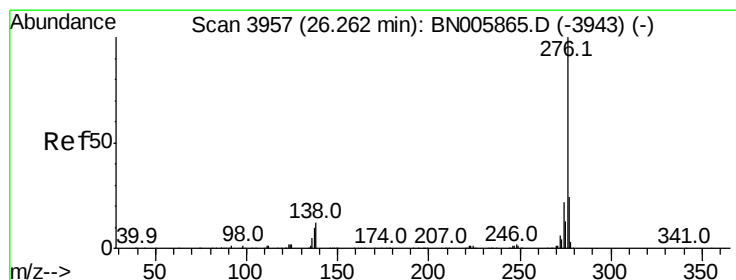
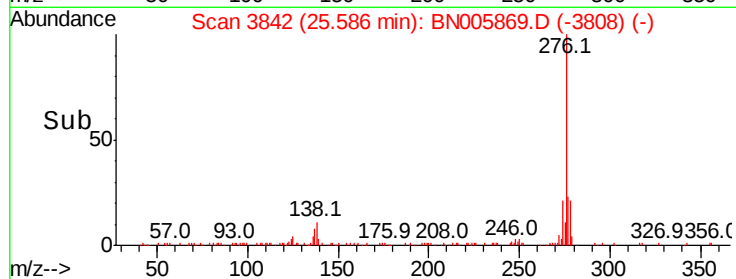
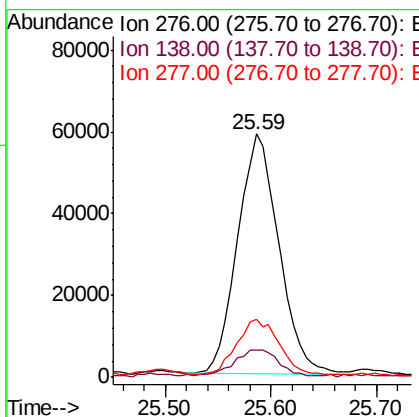
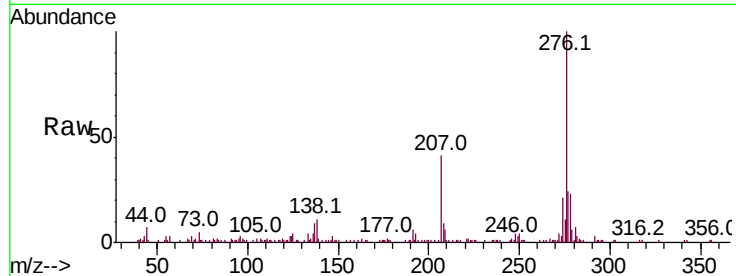
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.200 ng/u1
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.00 min
 Lab File: BN005869.D
 Acq: 23 May 2019 02:23

Instrument :
 BNA_N
 ClientSampleId :
 A42A8

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.5	17.9	26.9#
277	24.1	19.7	29.5

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#93
 Benzo(g,h,i)perylene
 Concen: 2.496 ng/u1
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.00 min
 Lab File: BN005869.D
 Acq: 23 May 2019 02:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	16.7	25.1#
277	25.4	18.2	27.2

