

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006471.D
 Acq On : 21 Jun 2019 18:05
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4215

Manual Integrations
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 6/25/2019 8:35:18 AM

Quant Time: Jun 21 18:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	328257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1535272	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	896068	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1913820	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1351375	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1330567	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	22761	2.71	ng/uL	0.00
5) Phenol-d5	6.80	99	468803	13.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	318312	14.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	369832	14.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	304827	10.99	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	186338	15.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	197968	14.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	372837	14.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	227016	7.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1236744	15.75	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1512798	15.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	119071	8.87	ng/ul	0.00
57) Fluorene-d10	15.28	176	1100327	16.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	30730	2.54	ng/ul	0.00
70) Anthracene-d10	17.14	188	1649418	17.12	ng/ul	0.00
78) Pyrene-d10	19.45	212	1649376	20.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1246211	16.58	ng/ul	0.01

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.74	163	379520	5.242	ng/ul	99
47) Acenaphthylene	14.00	152	104481	1.225	ng/ul	99
69) Phenanthrene	17.08	178	228966	2.169	ng/ul	99
76) Fluoranthene	19.11	202	398062	3.499	ng/ul	99
79) Pyrene	19.47	202	369786	4.019	ng/ul	99
82) Benzo(a)anthracene	21.24	228	168862	1.828	ng/ul#	85
83) Bis(2-ethylhexyl)phthalate	21.17	149	96255	1.627	ng/ul#	99
84) Chrysene	21.30	228	177197	2.016	ng/ul#	94
87) Benzo(b)fluoranthene	22.83	252	346427	4.338	ng/ul#	93
88) Benzo(k)fluoranthene	22.87	252	101522m	1.330	ng/ul	
90) Benzo(a)pyrene	23.40	252	261034	3.409	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.73	276	278165	3.070	ng/ul	96
93) Benzo(g,h,i)perylene	26.42	276	301481	3.950	ng/ul	98

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

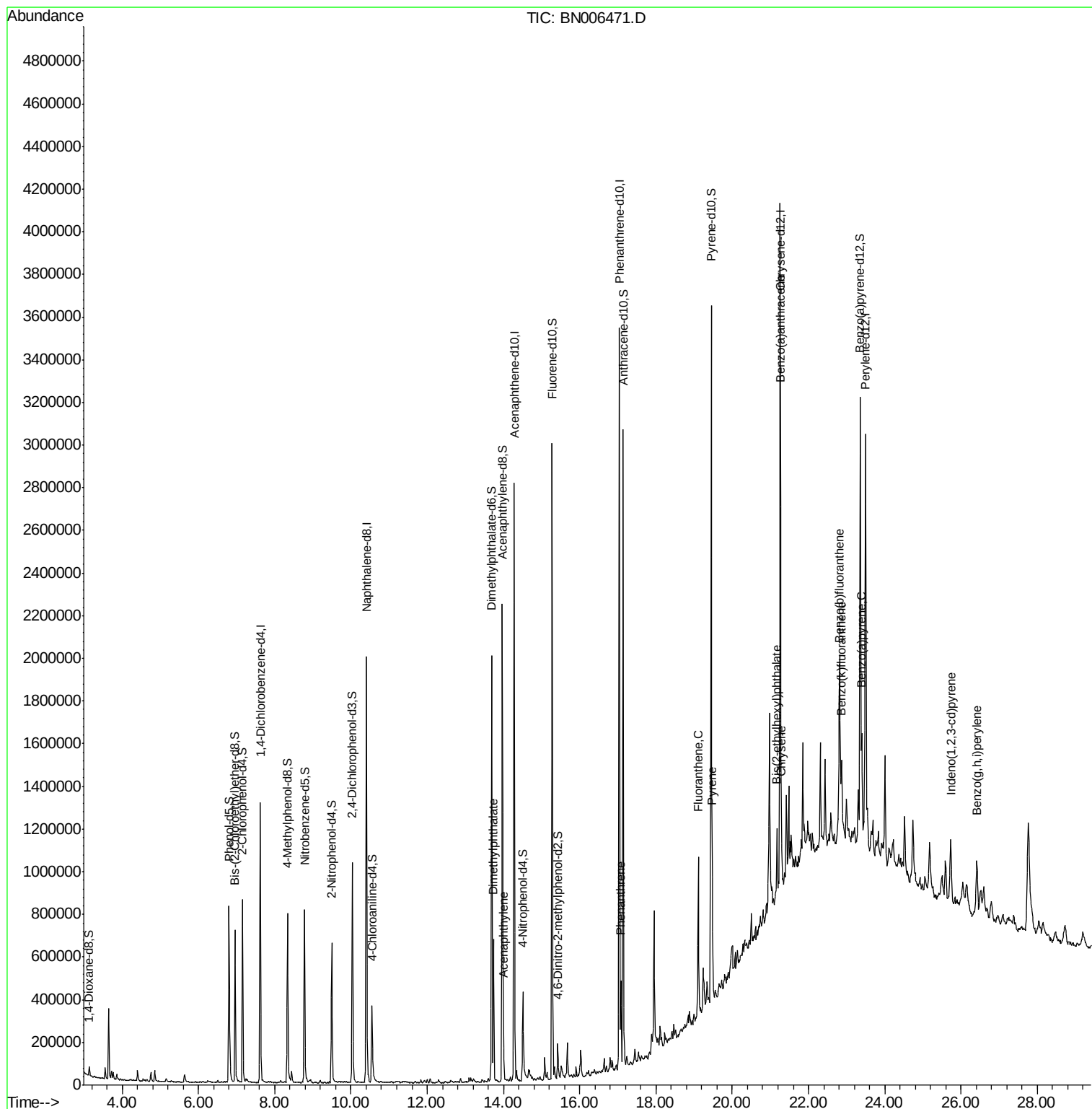
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006471.D
Acq On : 21 Jun 2019 18:05
Operator : HP/JU
Sample : K3388-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

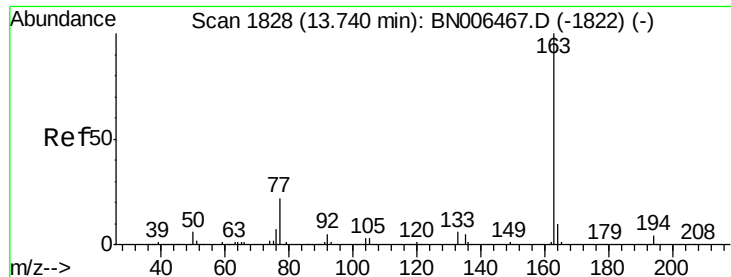
Instrument :
BNA_N
ClientSampled :
A4215

Quant Time: Jun 21 18:52:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 06:31:50 2019
Response via : Initial Calibration

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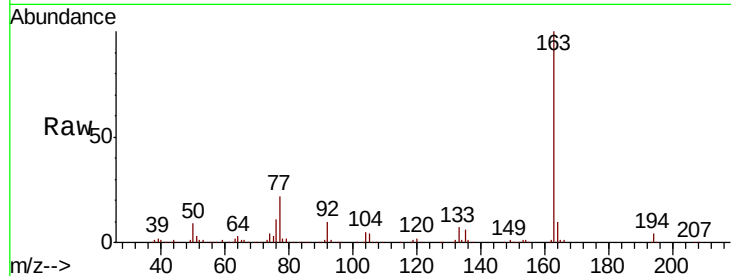
#44
Dimethylphthalate
Concen: 5.242 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006471.D
Acq: 21 Jun 2019 18:05

Instrument :
BNA_N
ClientSampleId :
A4215

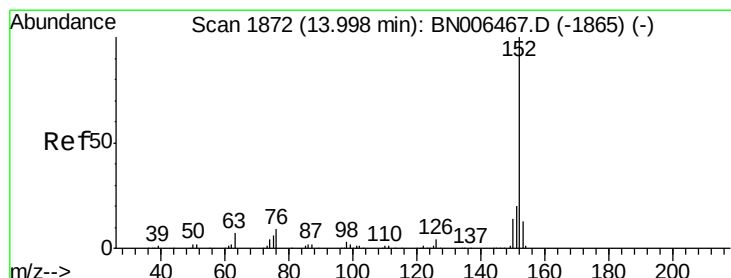
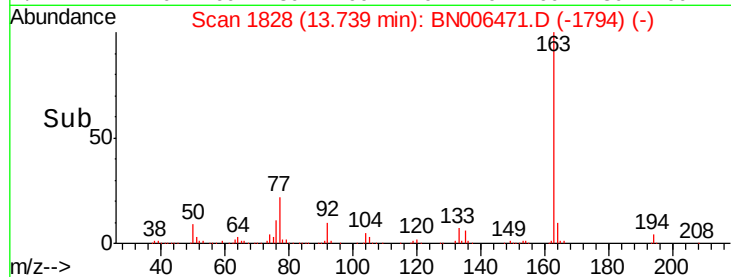
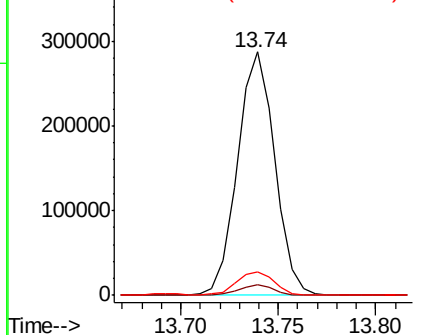
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	379520		
194	4.4		3.4	5.0
164	9.7		8.0	12.0

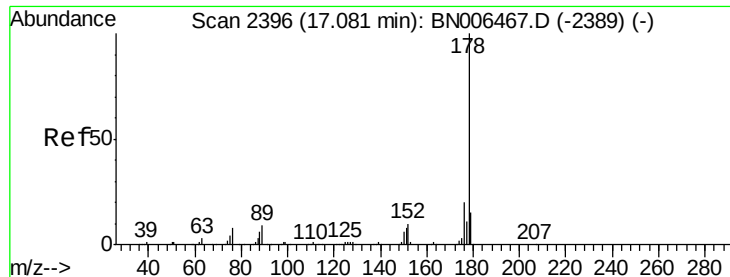
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.169 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN006471.D

Acq: 21 Jun 2019 18:05

Instrument :

BNA_N

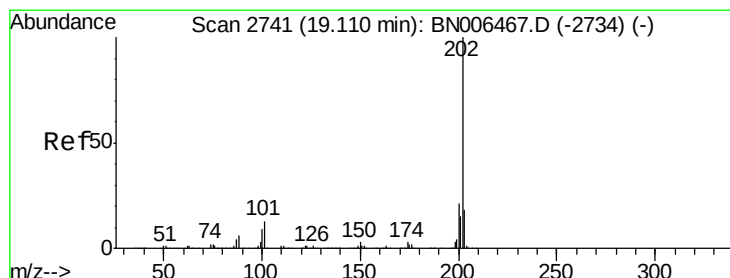
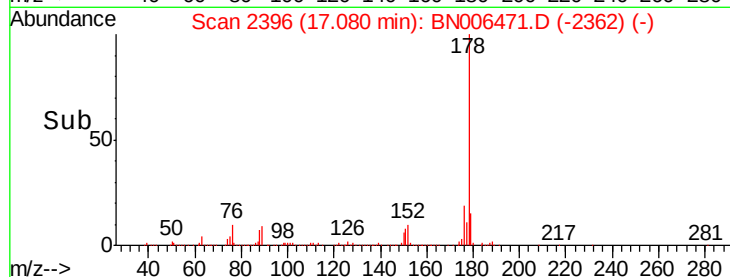
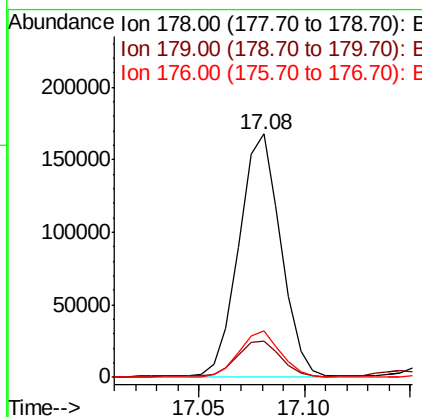
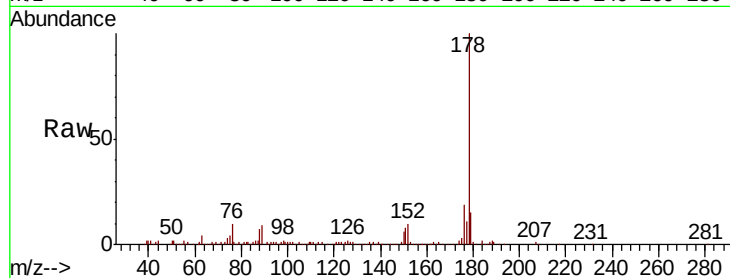
ClientSampleId :

A4215

Tgt Ion:	178	Resp:	228966
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.5	18.7
176	19.1	15.3	22.9

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#76

Fluoranthene

Concen: 3.499 ng/ul

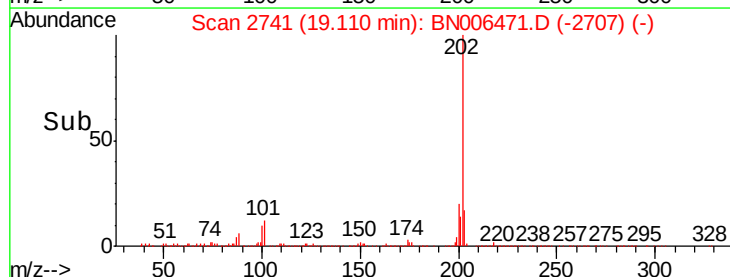
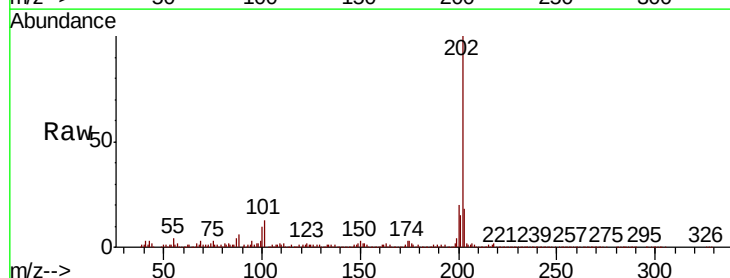
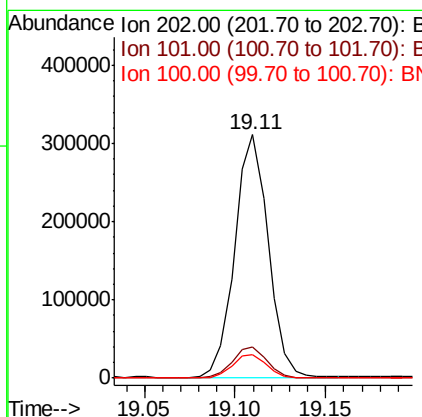
RT: 19.11 min Scan# 2741

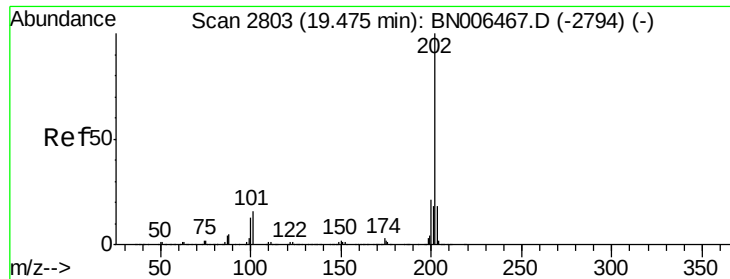
Delta R.T. -0.00 min

Lab File: BN006471.D

Acq: 21 Jun 2019 18:05

Tgt Ion:	202	Resp:	398062
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.5	15.7
100	9.9	7.6	11.4





#79

Pyrene

Concen: 4.019 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN006471.D

Acq: 21 Jun 2019 18:05

Instrument :

BNA_N

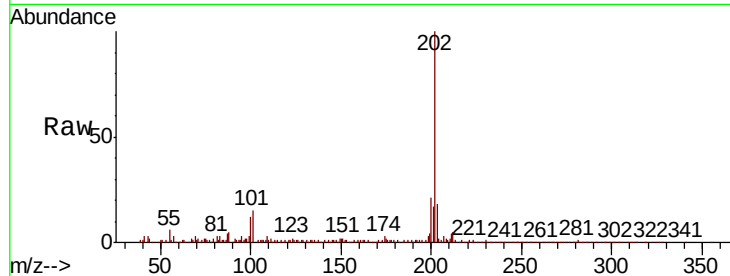
ClientSampleId :

A4215

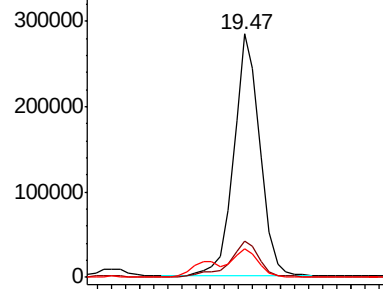
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		369786		
101	14.7	12.2	18.4		
100	11.9	9.8	14.6		

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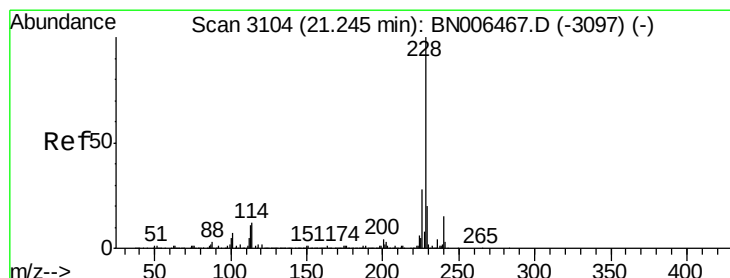
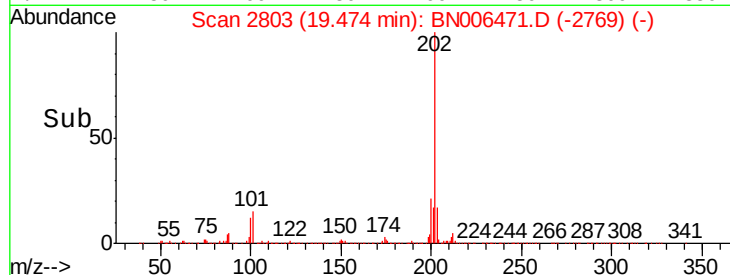
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#82

Benzo(a)anthracene

Concen: 1.828 ng/ul

RT: 21.24 min Scan# 3104

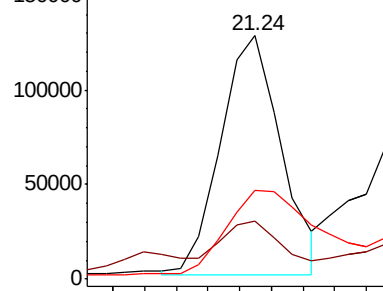
Delta R.T. 0.01 min

Lab File: BN006471.D

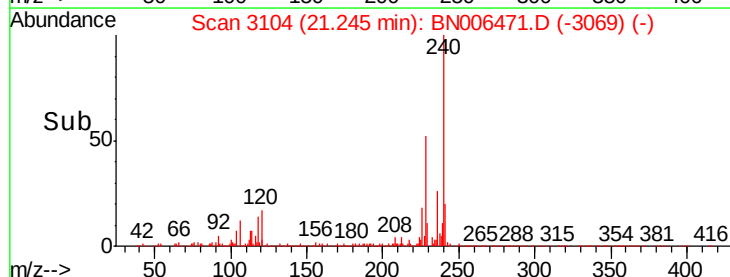
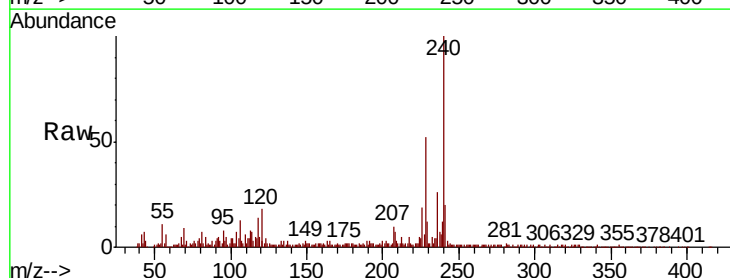
Acq: 21 Jun 2019 18:05

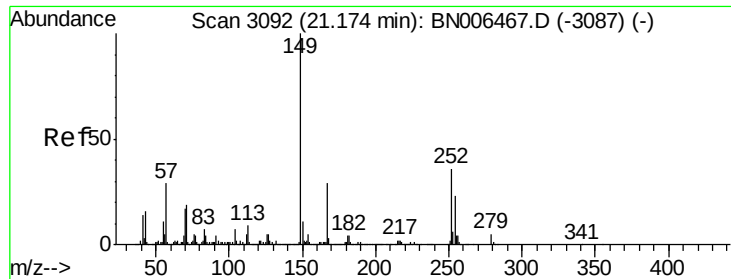
Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		168862		
229	23.8	15.6	23.4#		
226	36.7	21.5	32.3#		

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



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.627 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BN006471.D

Acq: 21 Jun 2019 18:05

Instrument :

BNA_N

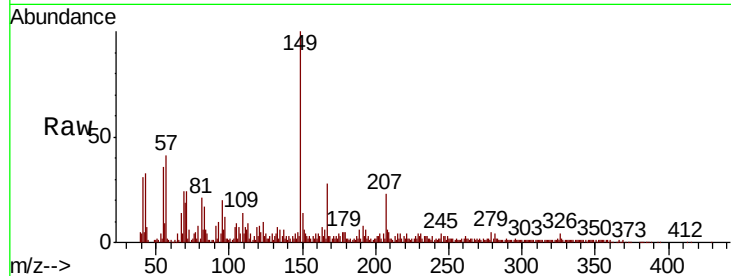
ClientSampled :

A4215

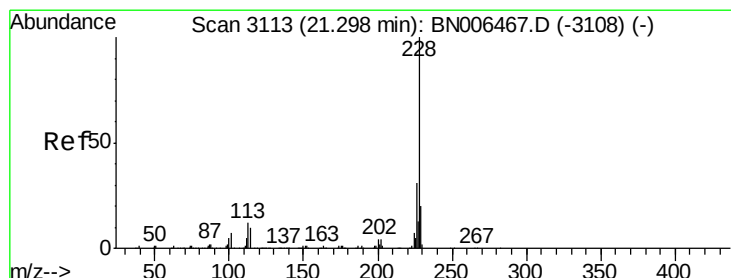
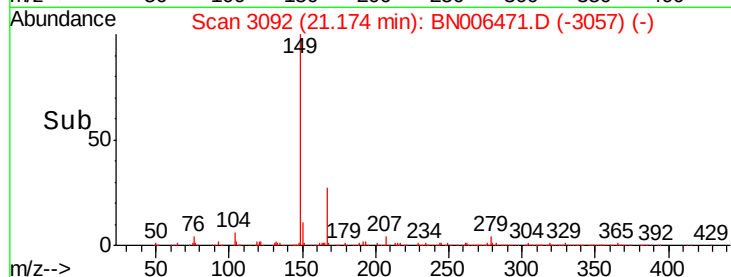
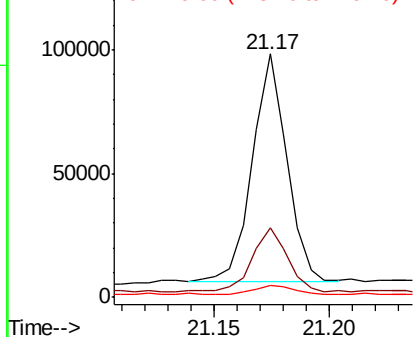
Tgt Ion:	149	Resp:	96255
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.4
279	4.9	3.3	4.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 2.016 ng/ul

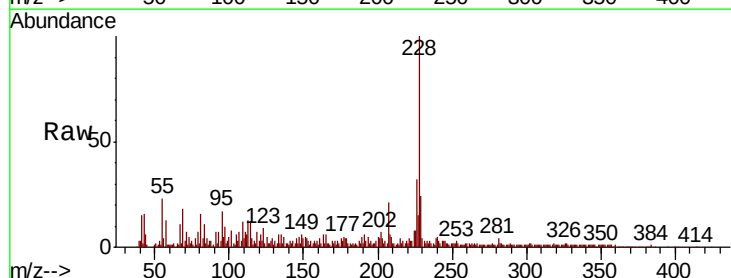
RT: 21.30 min Scan# 3113

Delta R.T. 0.01 min

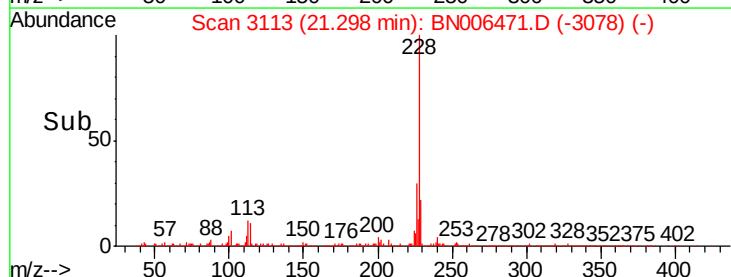
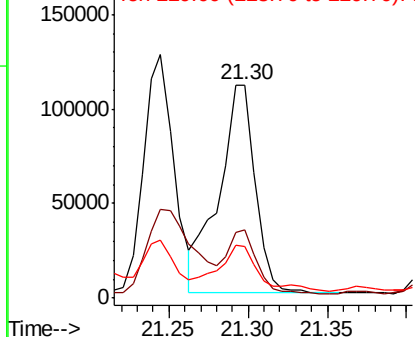
Lab File: BN006471.D

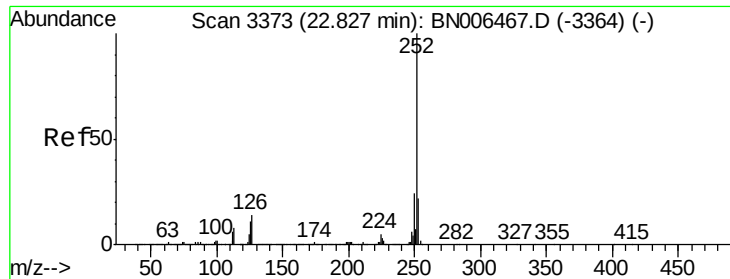
Acq: 21 Jun 2019 18:05

Tgt Ion:	228	Resp:	177197
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.2	36.2
229	24.3	15.9	23.9#



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





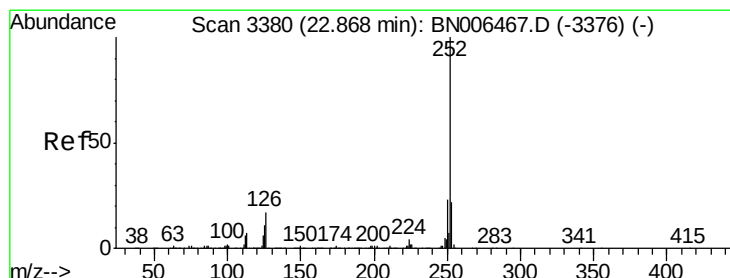
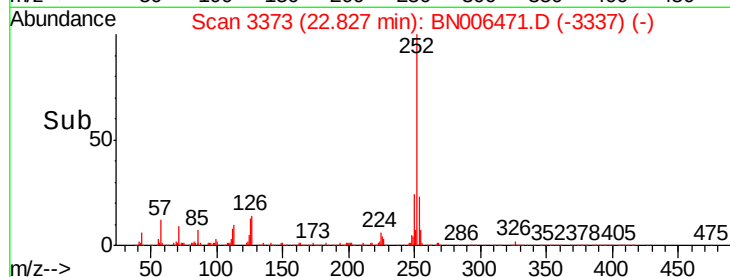
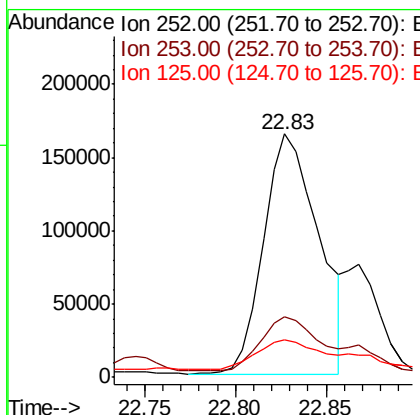
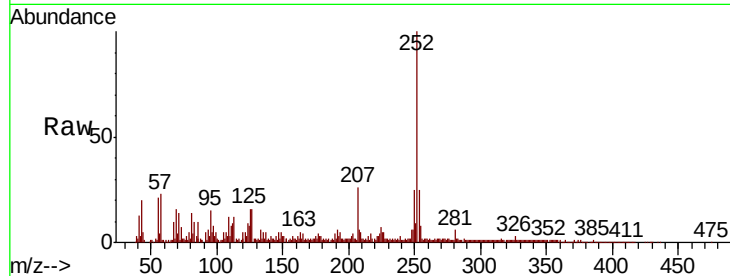
#87
Benzo(b)fluoranthene
Concen: 4.338 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. 0.01 min
Lab File: BN006471.D
Acq: 21 Jun 2019 18:05

Instrument :
BNA_N
ClientSampleId :
A4215

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	15.6	9.0	13.6

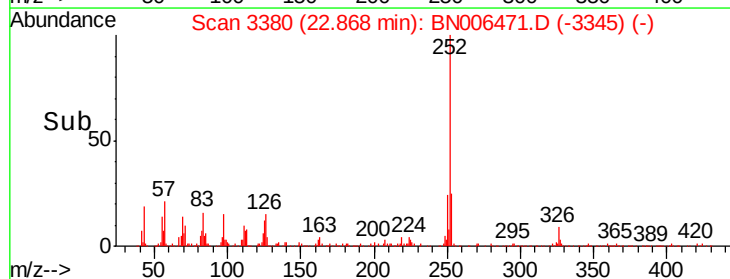
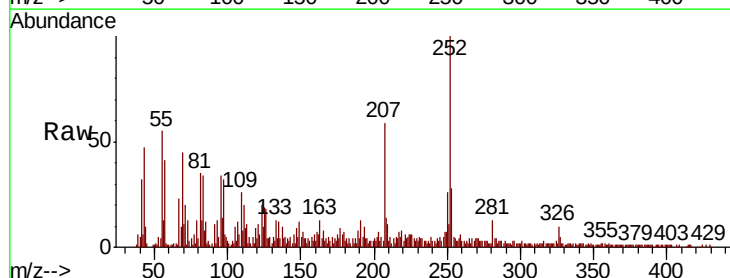
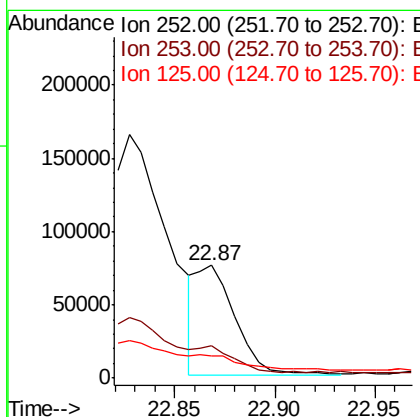
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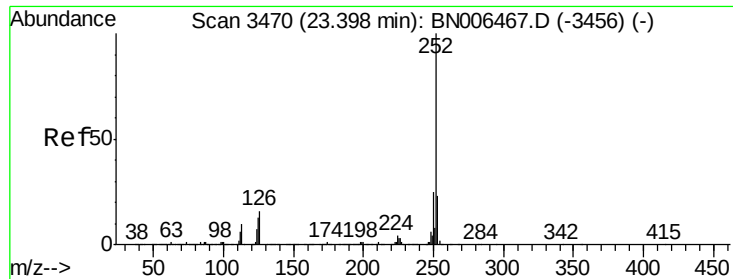
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#88
Benzo(k)fluoranthene
Concen: 1.330 ng/ul m
RT: 22.87 min Scan# 3380
Delta R.T. 0.01 min
Lab File: BN006471.D
Acq: 21 Jun 2019 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.4	26.0
125	19.1	9.1	13.7





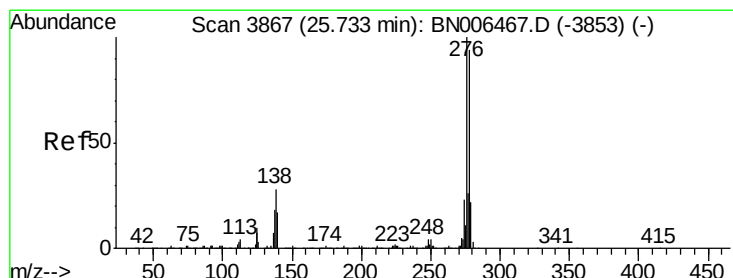
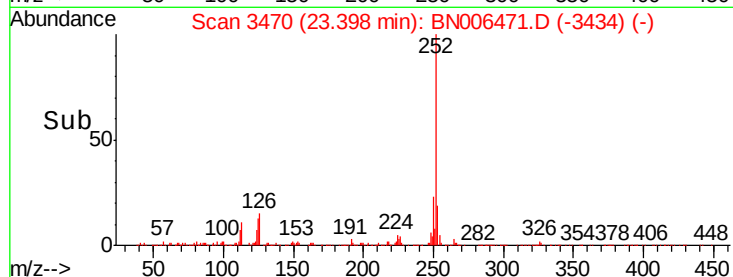
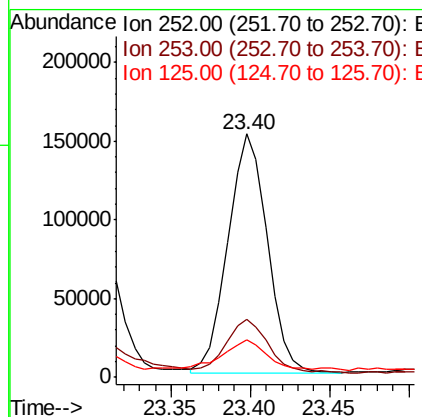
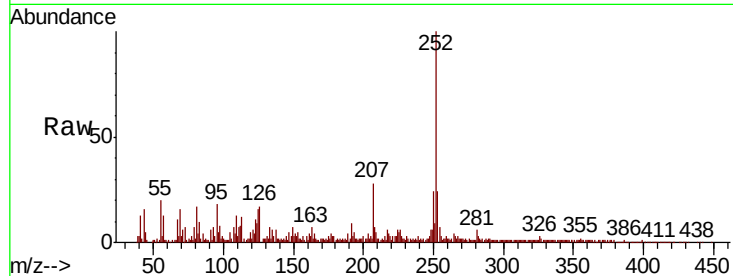
#90
Benzo(a)pyrene
Concen: 3.409 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BN006471.D
Acq: 21 Jun 2019 18:05

Instrument :
BNA_N
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A4215

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.7	26.5
125	15.6	10.0	15.0

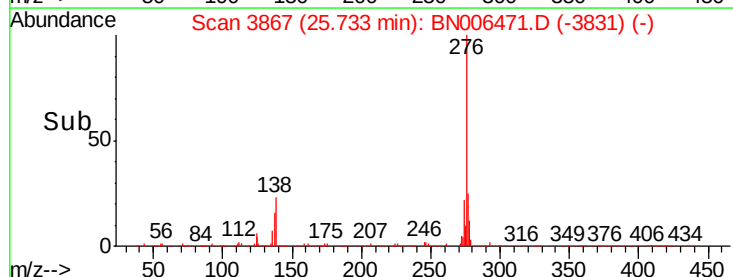
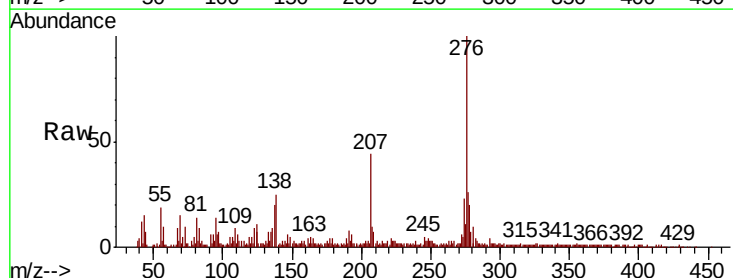
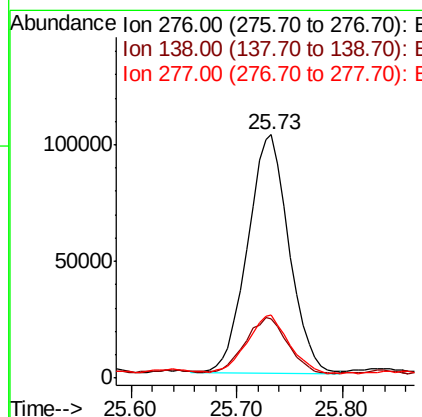
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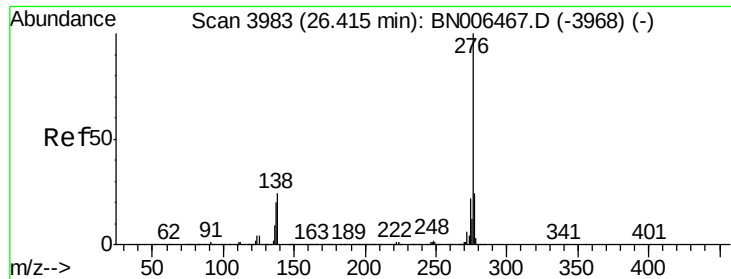
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.070 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BN006471.D
Acq: 21 Jun 2019 18:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.6	22.2	33.4
277	25.9	20.2	30.4





#93

Benzo(g,h,i)perylene

Concen: 3.950 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. 0.01 min

Lab File: BN006471.D

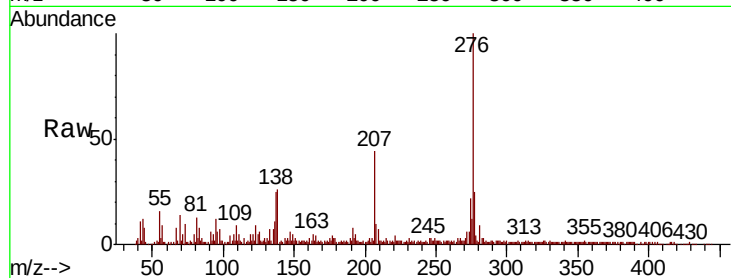
Acq: 21 Jun 2019 18:05

Instrument :

BNA_N

ClientSampleId :

A4215



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	25.5	19.1	28.7	
277	24.7	19.4	29.0	

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