

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062119\
 Data File : BN006468.D
 Acq On : 21 Jun 2019 16:21
 Operator : HP/JU
 Sample : K3388-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4218

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:35:15 AM

Quant Time: Jun 21 17:37:04 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	241483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1146230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	680937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1505679	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1327850	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1237243	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	19346	3.13	ng/uL	0.00
5) Phenol-d5	6.80	99	341085	13.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	231961	14.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	263733	13.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	262671	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	131193	14.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	141039	14.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	265333	13.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	239841	10.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	932339	15.62	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1097474	15.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	77419	7.59	ng/ul	0.00
57) Fluorene-d10	15.28	176	823806	16.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	71868	7.54	ng/ul	0.00
70) Anthracene-d10	17.13	188	1249581	16.48	ng/ul	0.00
78) Pyrene-d10	19.45	212	1371041	17.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1130195	16.17	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.83	94	31388	1.266 ng/ul#	90
44) Dimethylphthalate	13.74	163	263264	4.785 ng/ul	99
69) Phenanthrene	17.07	178	704347	8.481 ng/ul	100
71) Anthracene	17.17	178	179869	2.134 ng/ul	98
76) Fluoranthene	19.11	202	1758380	19.646 ng/ul	100
79) Pyrene	19.47	202	1405019	15.541 ng/ul	100
82) Benzo(a)anthracene	21.25	228	839805	9.253 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	299490	5.152 ng/ul	100
84) Chrysene	21.30	228	843706	9.768 ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	951325	12.812 ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	357150m	5.033 ng/ul	
90) Benzo(a)pyrene	23.40	252	601757	8.451 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	365850	4.342 ng/ul	93
92) Dibenzo(a,h)anthracene	25.73	278	99153m	1.421 ng/ul	
93) Benzo(g,h,i)perylene	26.41	276	326146	4.596 ng/ul	99

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

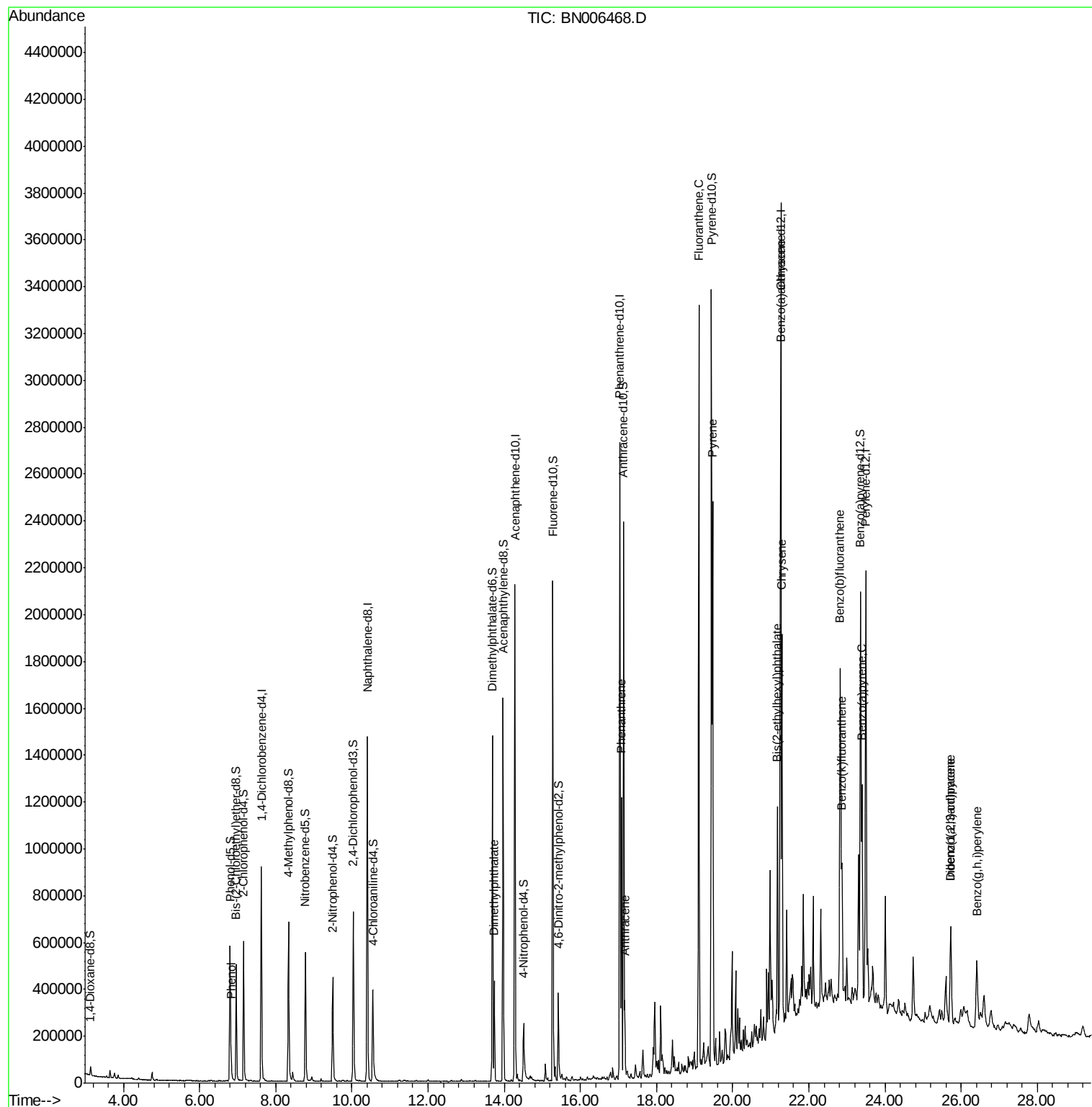
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006468.D
Acq On : 21 Jun 2019 16:21
Operator : HP/JU
Sample : K3388-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

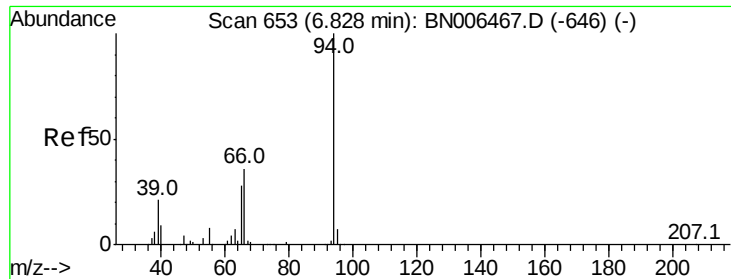
Instrument :
BNA_N
ClientSampled :
A4218

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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





#6

Phenol

Concen: 1.266 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN006468.D

Acq: 21 Jun 2019 16:21

Instrument :

BNA_N

ClientSampled :

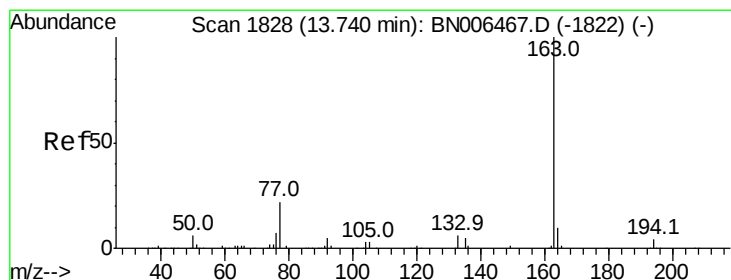
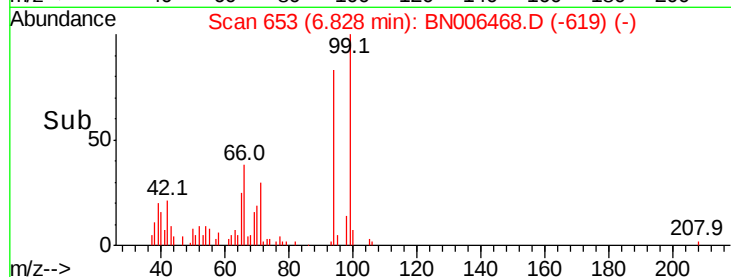
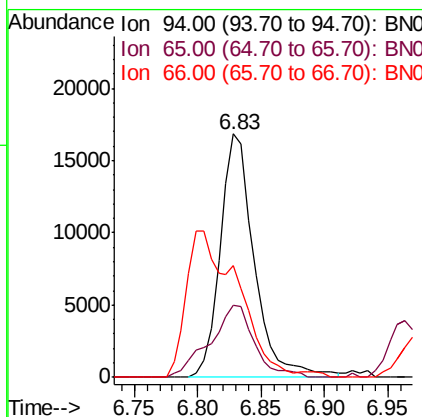
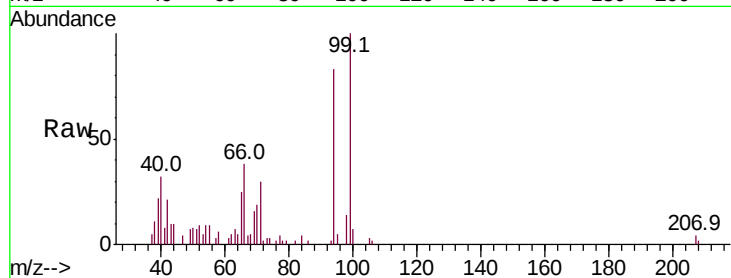
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Tot Ion: 94 Resp: 31388

Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.5	33.7
66	45.8	29.5	44.3

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#44

Dimethylphthalate

Concen: 4.785 ng/ul

RT: 13.74 min Scan# 1828

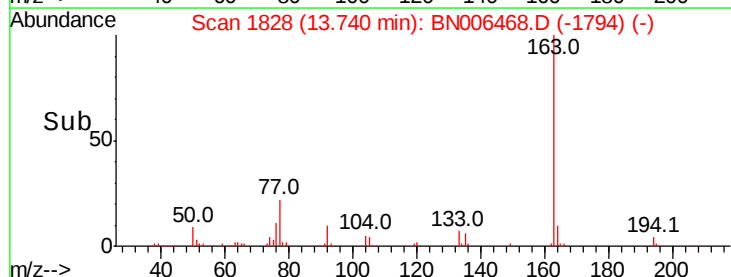
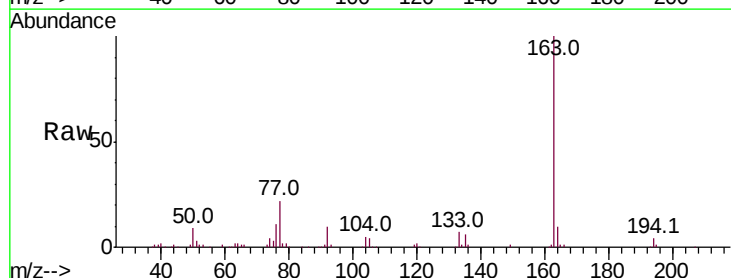
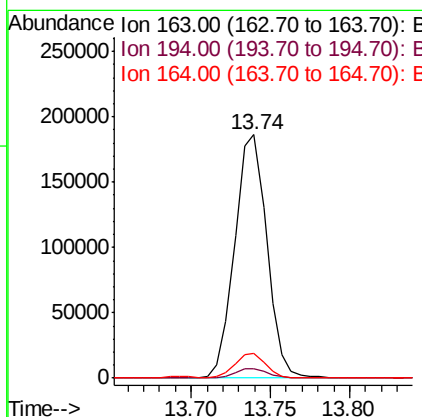
Delta R.T. 0.00 min

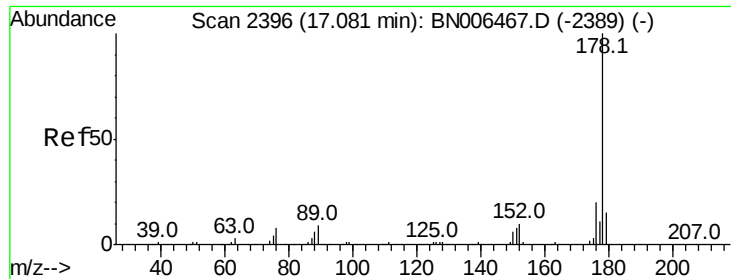
Lab File: BN006468.D

Acq: 21 Jun 2019 16:21

Tgt Ion: 163 Resp: 263264

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	8.0	12.0





#69

Phenanthrene

Concen: 8.481 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006468.D

Acq: 21 Jun 2019 16:21

Instrument :

BNA_N

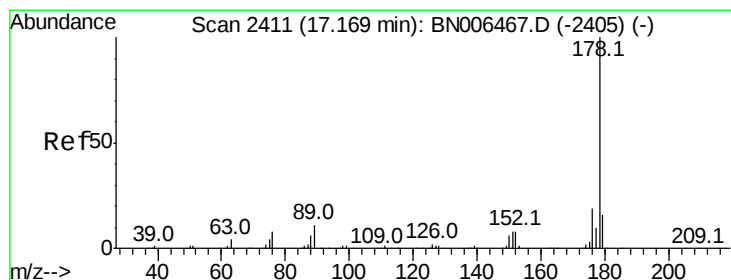
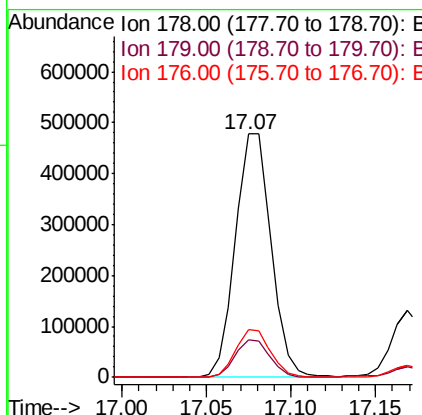
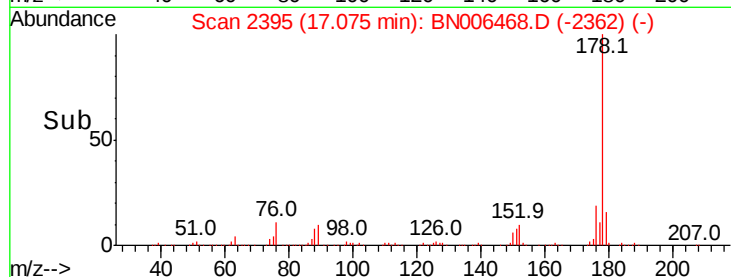
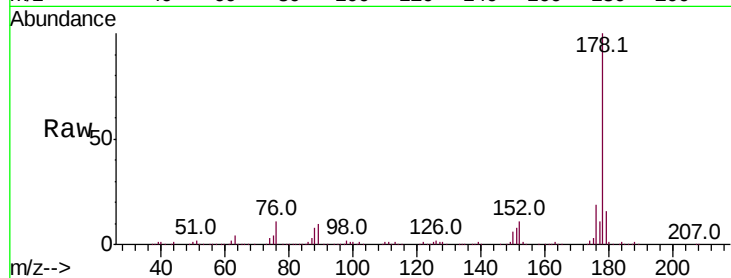
ClientSampleId :

A4218

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.5	15.3	22.9

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#71

Anthracene

Concen: 2.134 ng/ul

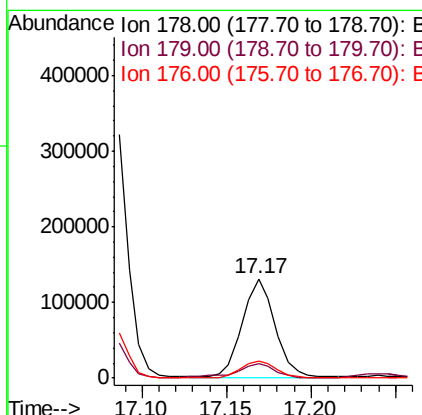
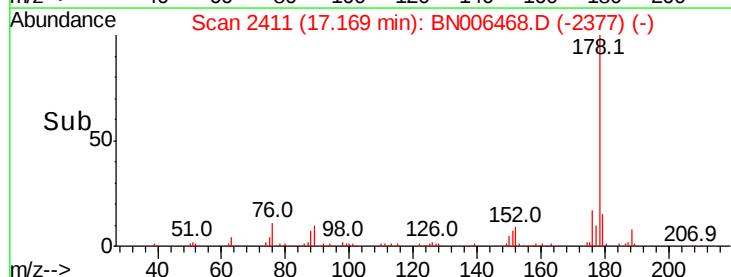
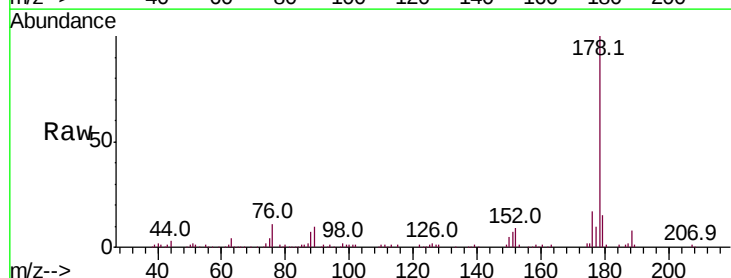
RT: 17.17 min Scan# 2411

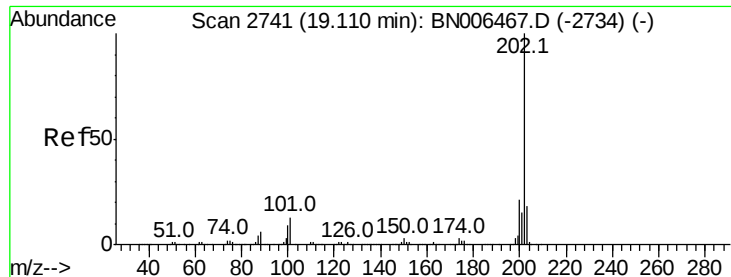
Delta R.T. -0.00 min

Lab File: BN006468.D

Acq: 21 Jun 2019 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	17.4	14.7	22.1





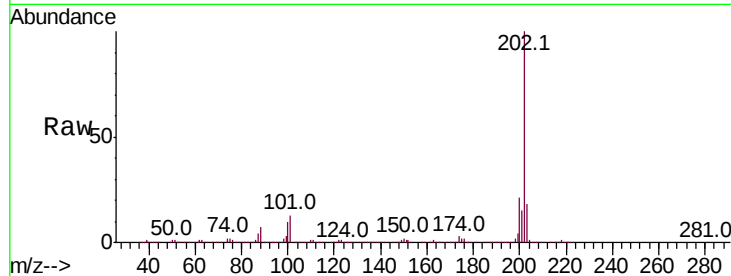
#76
Fluoranthene
Concen: 19.646 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Instrument :
BNA_N
ClientSampleId :
A4218

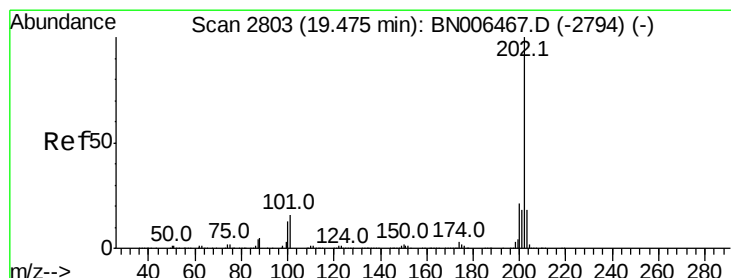
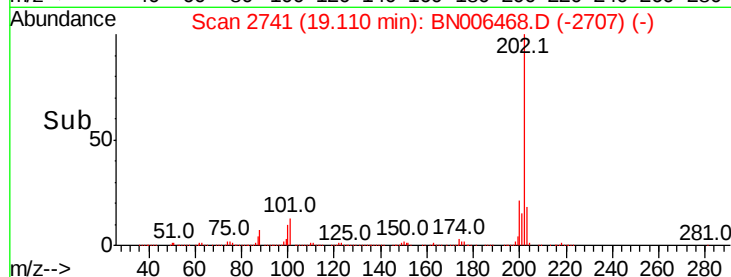
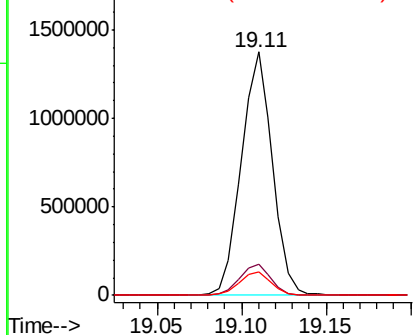
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.5	15.7
100	9.6	7.6	11.4

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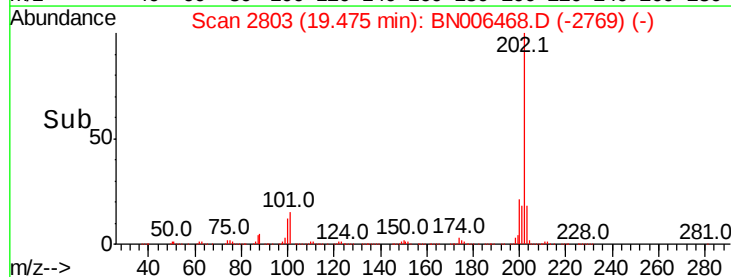
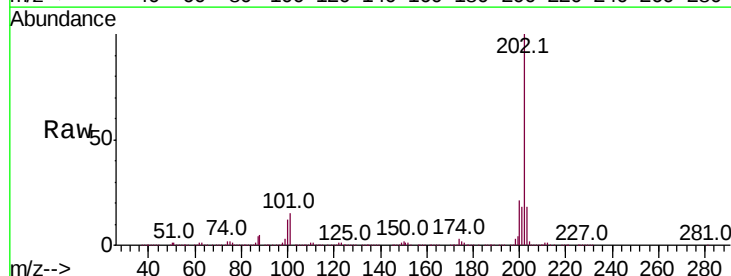
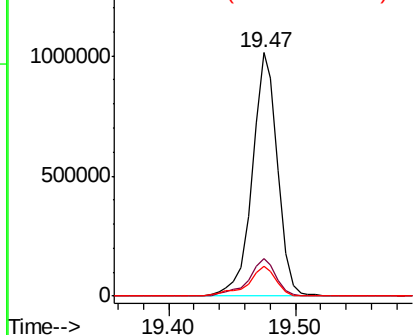
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

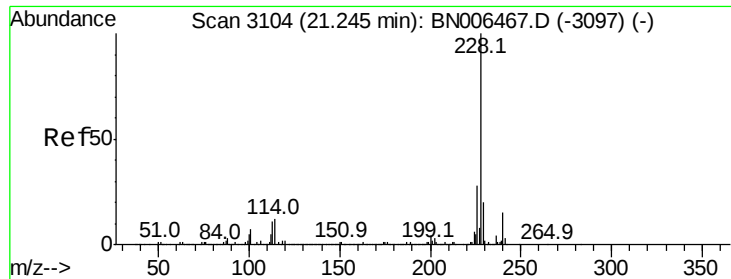


#79
Pyrene
Concen: 15.541 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.4
100	12.3	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





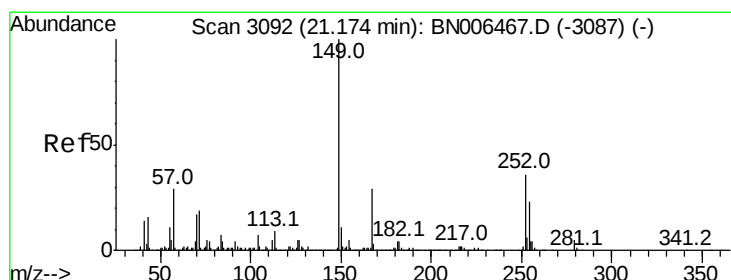
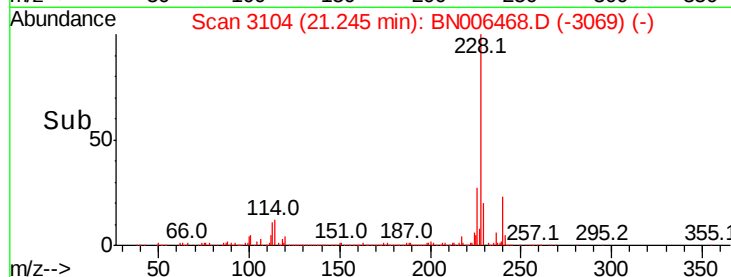
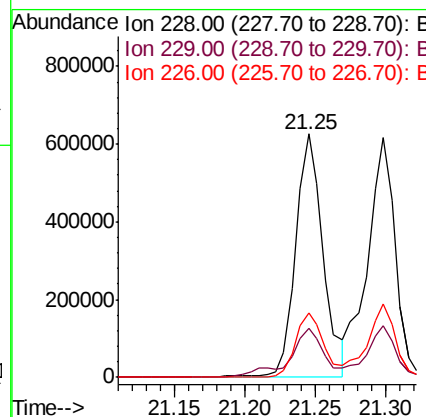
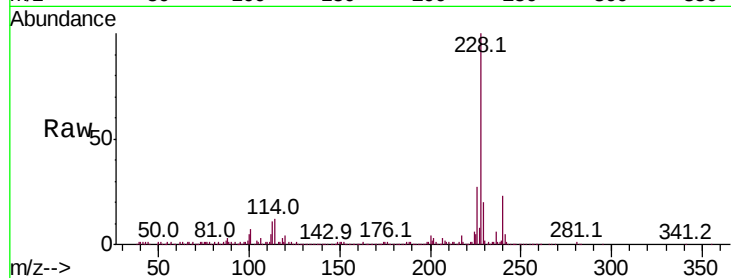
#82
Benzo(a)anthracene
Concen: 9.253 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Instrument :
BNA_N
ClientSampleId :
A4218

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.7	21.5	32.3

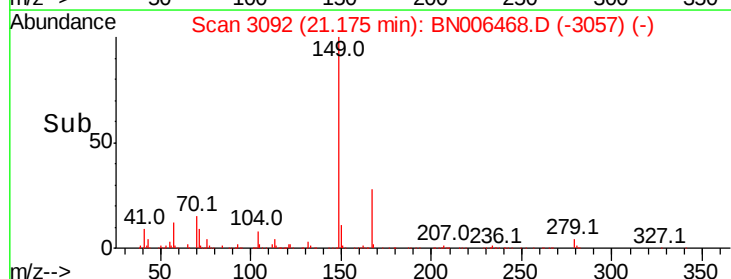
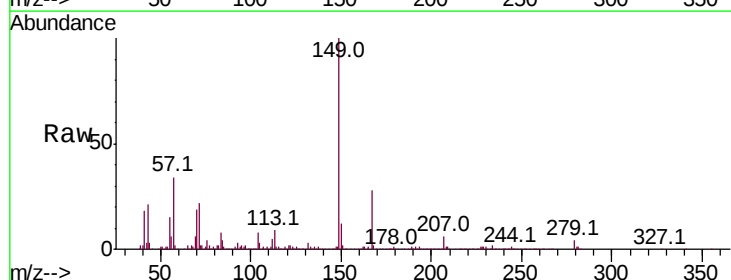
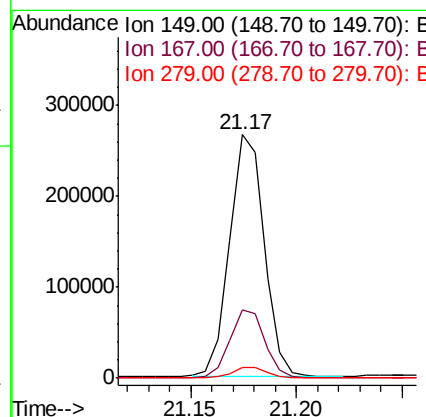
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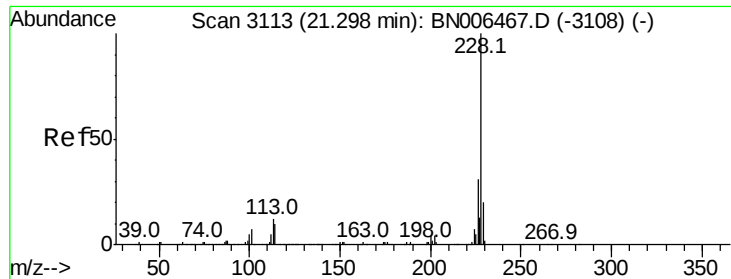
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#83
Bis(2-ethylhexyl)phthalate
Concen: 5.152 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.2	3.3	4.9





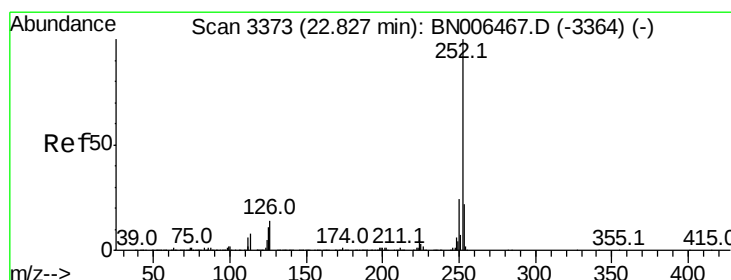
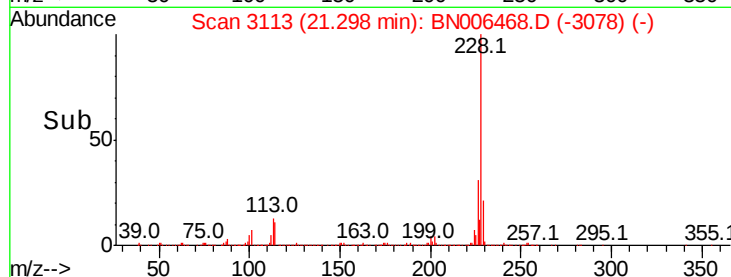
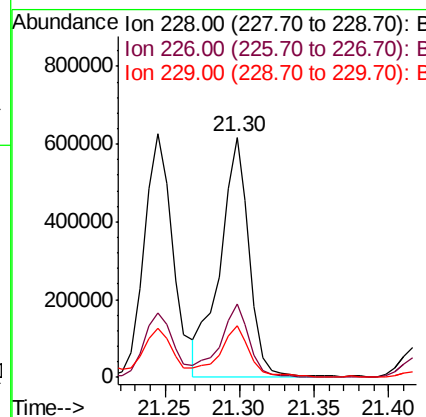
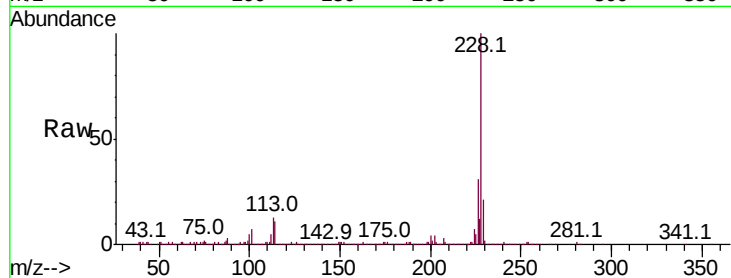
#84
Chrysene
Concen: 9.768 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Instrument :
BNA_N
ClientSampleId :
A4218

Tot Ion	Ratio	Resp	Lower	Upper
228	100	843706		
226	30.6		24.2	36.2
229	21.5		15.9	23.9

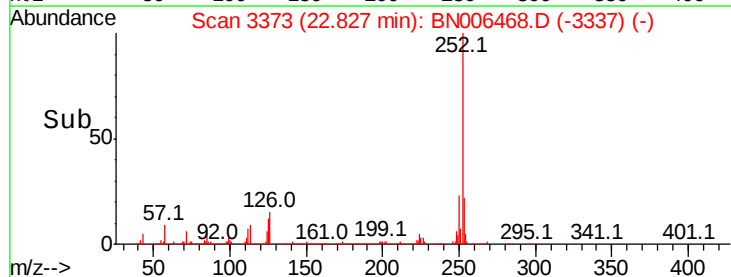
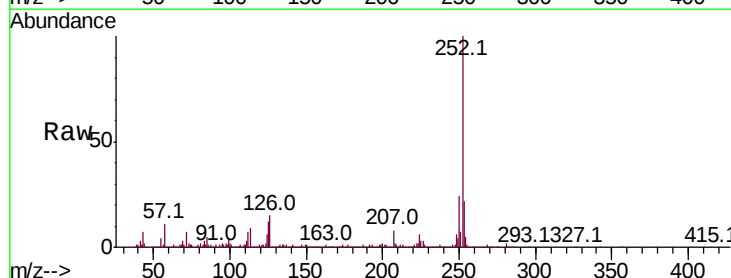
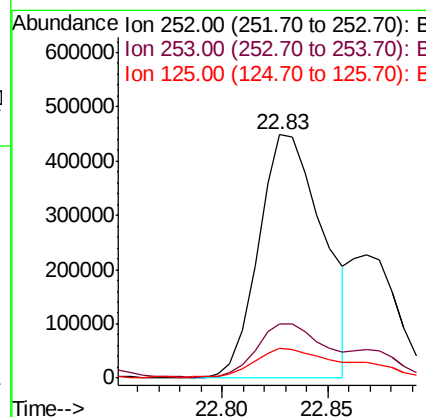
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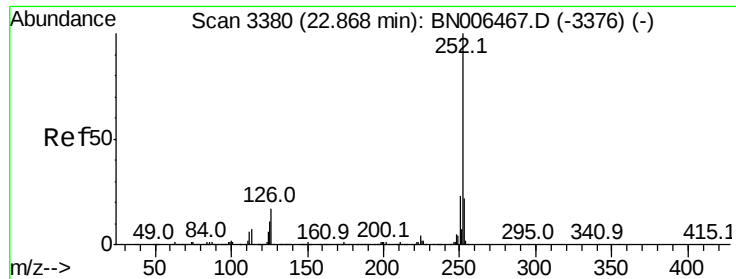
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#87
Benzo(b)fluoranthene
Concen: 12.812 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	951325		
253	22.5		17.7	26.5
125	12.0		9.0	13.6





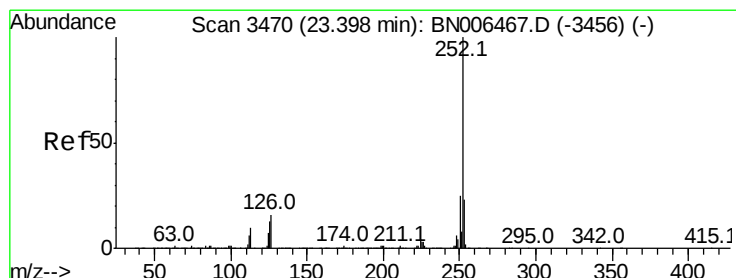
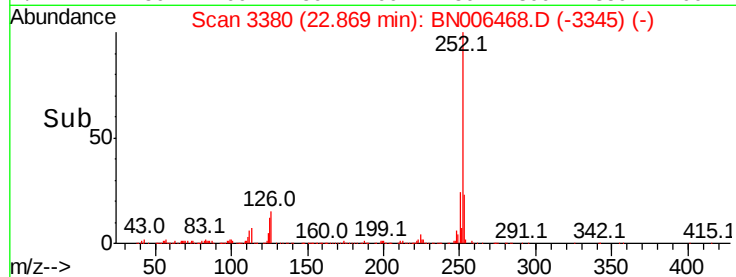
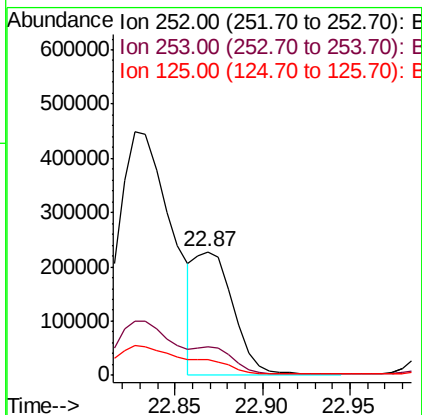
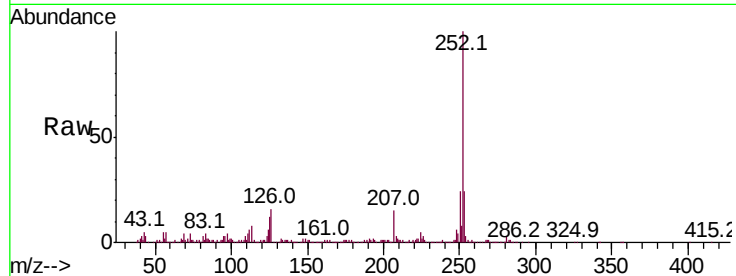
#88
Benzo(k)fluoranthene
Concen: 5.033 ng/ul m
RT: 22.87 min Scan# 3380
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Instrument :
BNA_N
ClientSampled :
A4218

Tot Ion	Ratio	Resp	Lower	Upper
252	100	357150		
253	23.6	17.4	26.0	
125	12.5	9.1	13.7	

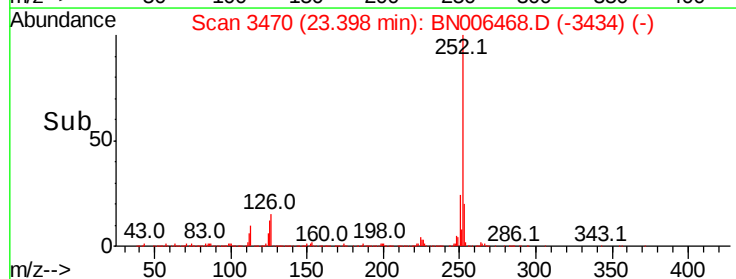
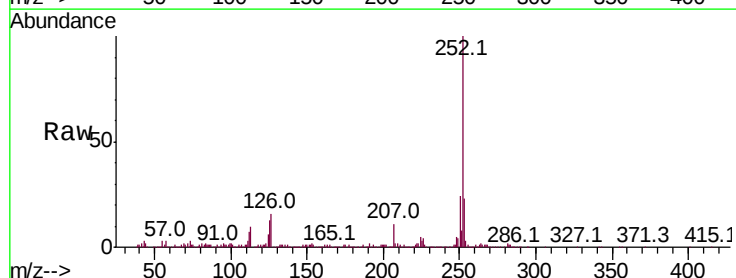
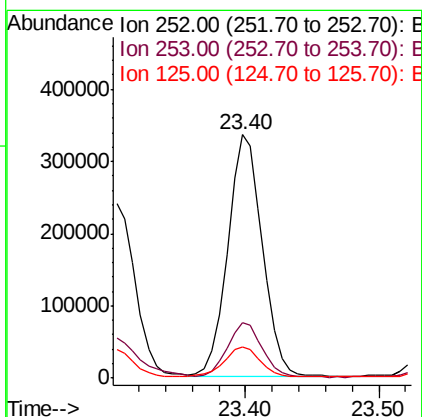
Manual Integrations
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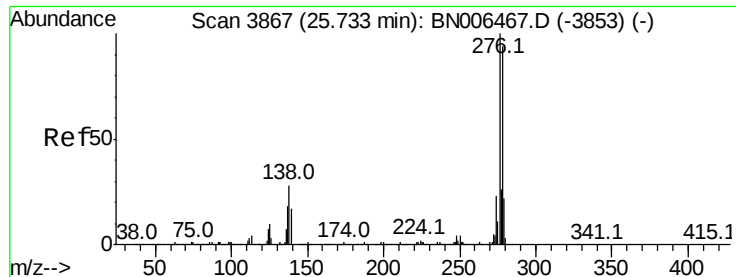
mohammad
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#90
Benzo(a)pyrene
Concen: 8.451 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	601757		
253	23.0	17.7	26.5	
125	12.6	10.0	15.0	





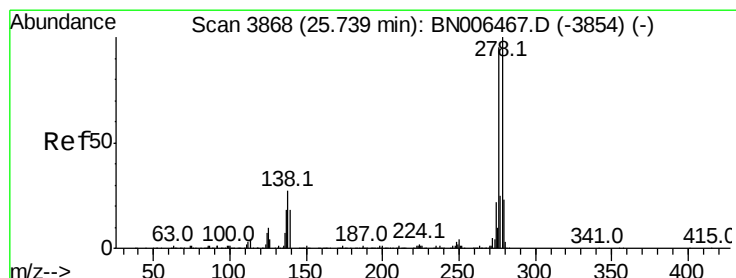
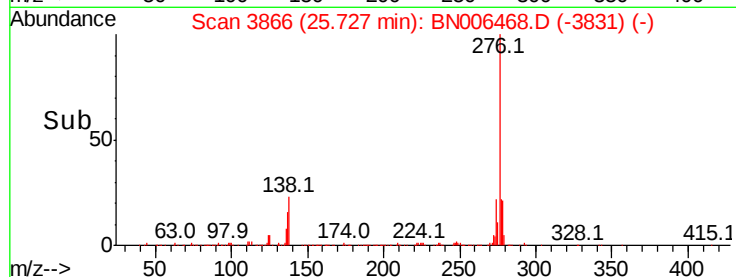
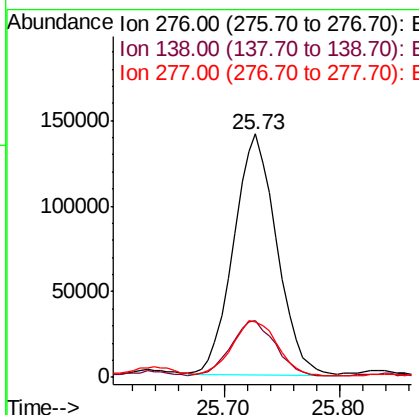
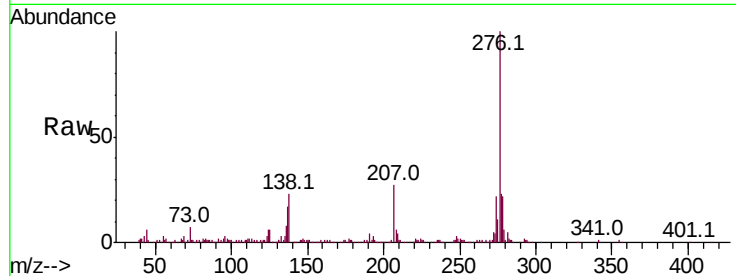
#91
Indeno(1,2,3-cd)pyrene
Concen: 4.342 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Instrument :
BNA_N
ClientSampleId :
A4218

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	22.2	33.4
277	22.8	20.2	30.4

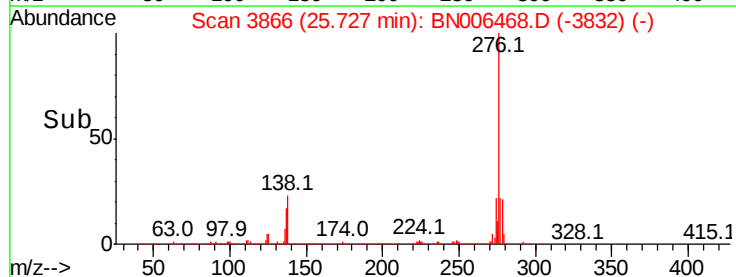
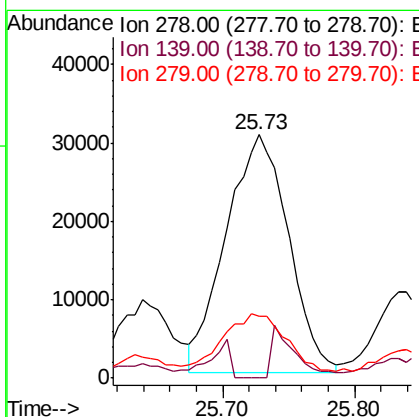
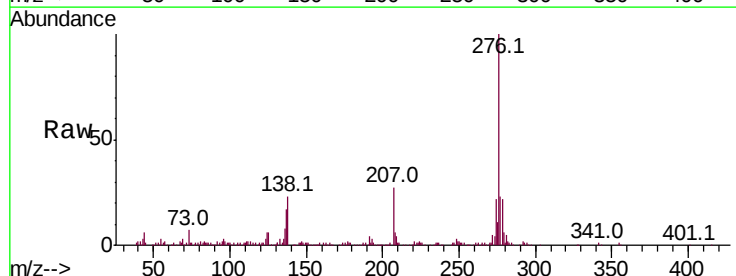
Manual Integrations
APPROVED

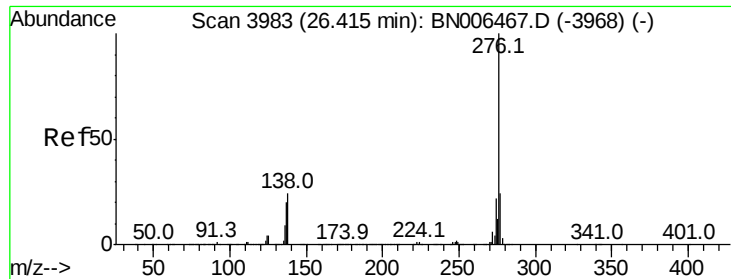
mohammad
6/25/2019 8:35:15 AM



#92
Dibenzo(a,h)anthracene
Concen: 1.421 ng/ul m
RT: 25.73 min Scan# 3866
Delta R.T. 0.00 min
Lab File: BN006468.D
Acq: 21 Jun 2019 16:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	25.5	18.8	28.2





#93

Benzo(a,h,i)perylene

Concen: 4.596 ng/ul

RT: 26.41 min Scan# 3982

Delta R.T. 0.01 min

Lab File: BN006468.D

Acq: 21 Jun 2019 16:21

Instrument :

BNA_N

ClientSampleId :

A4218

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.1	28.7
277	22.7	19.4	29.0

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:15 AM

