

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005870.D
 Acq On : 23 May 2019 02:58
 Operator : JU/SJ
 Sample : K2927-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B2

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:31:20 PM

Quant Time: May 23 07:00:37 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	75385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	328016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	231248	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	603730	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	710351	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	784675	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	3083m	2.29	ng/uL	0.00
5) Phenol-d5	6.77	99	61230	10.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	40458	13.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	56198	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	51339m	10.30	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	29628	12.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	28512	10.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	61050	11.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	53523	9.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	250661	14.09	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	303055	14.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9849m	3.93	ng/ul	0.06
57) Fluorene-d10	15.20	176	236092	15.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12392	3.41	ng/ul	0.02
70) Anthracene-d10	17.06	188	379124	14.54	ng/ul	0.00
78) Pyrene-d10	19.37	212	458611	13.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	492353	13.99	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.67	163	123766	7.055	ng/ul	98
47) Acenaphthylene	13.92	152	22151	1.064	ng/ul	98
69) Phenanthrene	17.00	178	200922	6.714	ng/ul	99
71) Anthracene	17.10	178	46352	1.521	ng/ul	97
76) Fluoranthene	19.03	202	700613	18.936	ng/ul#	88
79) Pyrene	19.40	202	728353	16.697	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	499842	11.169	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	32778	1.293	ng/ul#	96
84) Chrysene	21.23	228	495706	11.750	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	608422	14.094	ng/ul#	96
88) Benzo(k)fluoranthene	22.78	252	199078m	4.766	ng/ul	
90) Benzo(a)pyrene	23.30	252	417008m	9.976	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	251595	4.923	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.57	278	73186	1.701	ng/ul#	84
93) Benzo(g,h,i)perylene	26.25	276	161363	3.777	ng/ul#	88

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

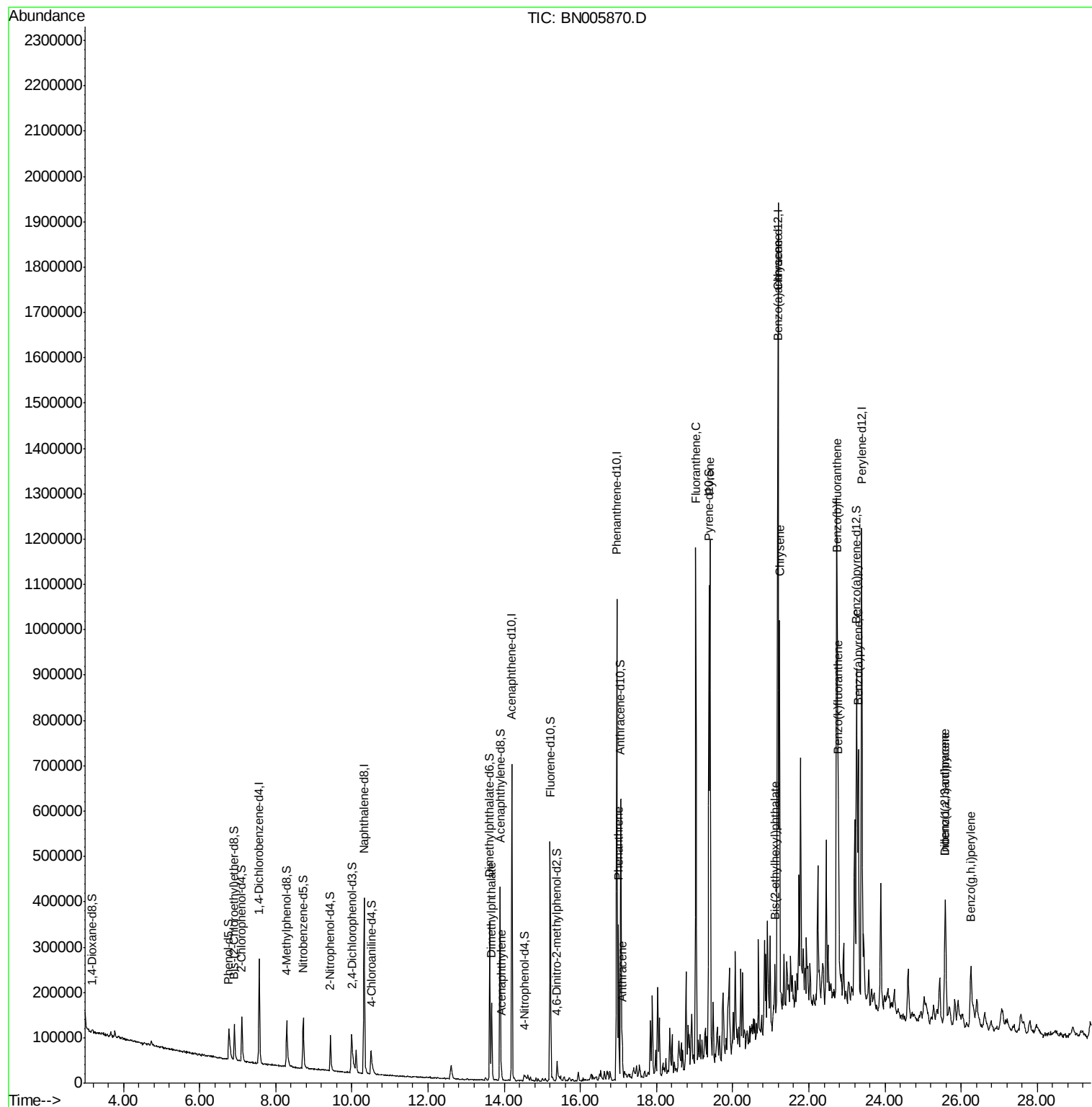
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005870.D
Acq On : 23 May 2019 02:58
Operator : JU/SJ
Sample : K2927-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

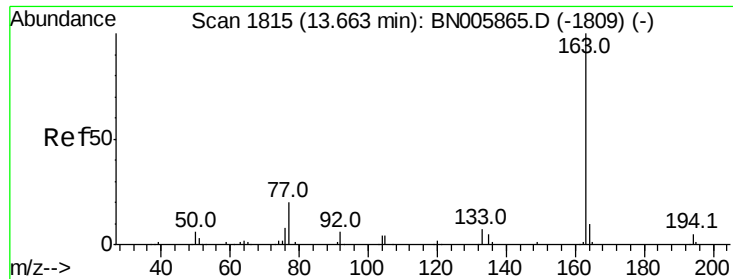
Instrument :
BNA_N
ClientSampleId :
A42B2

Quant Time: May 23 07:00:37 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

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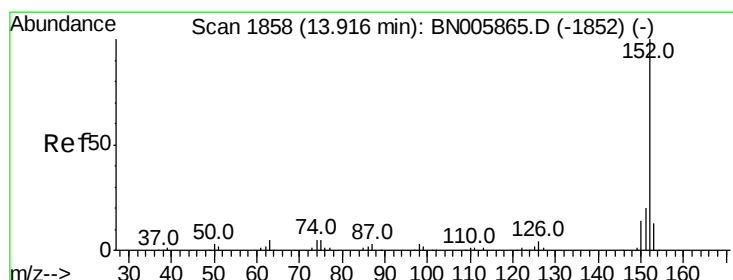
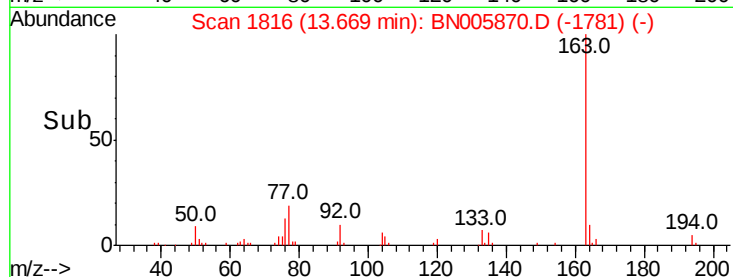
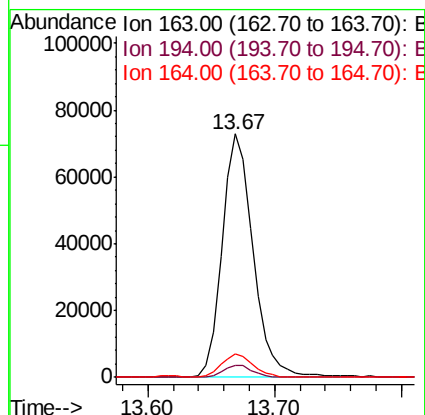
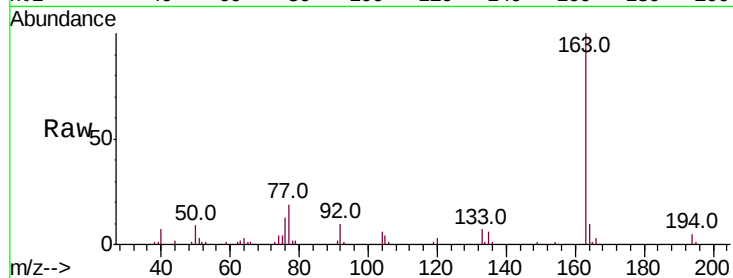
#44
Dimethylphthalate
Concen: 7.055 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Instrument :
BNA_N
ClientSampled :
A42B2

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.8	3.4	5.0
164	9.6	8.1	12.1

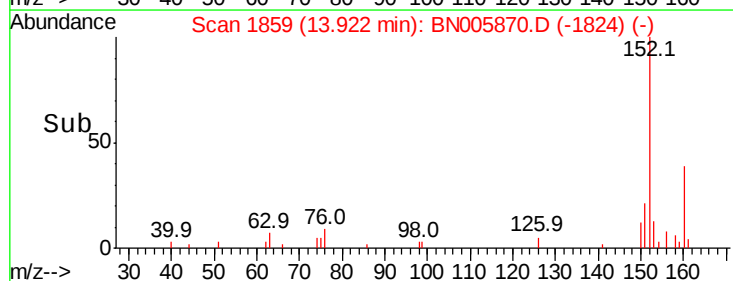
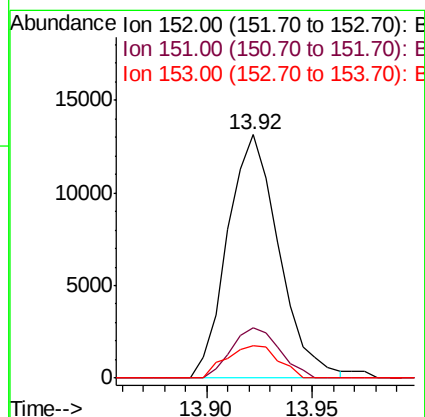
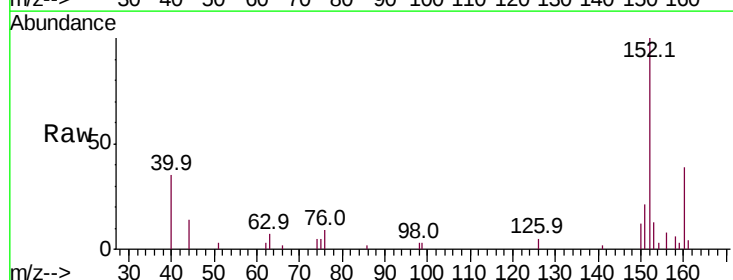
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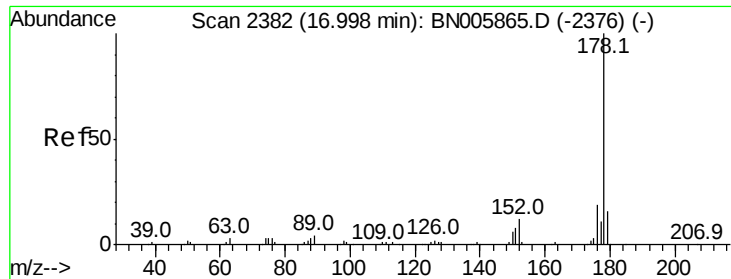
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#47
Acenaphthylene
Concen: 1.064 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. 0.01 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	20.6	15.8	23.8
153	13.1	9.8	14.8





#69

Phenanthrene

Concen: 6.714 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

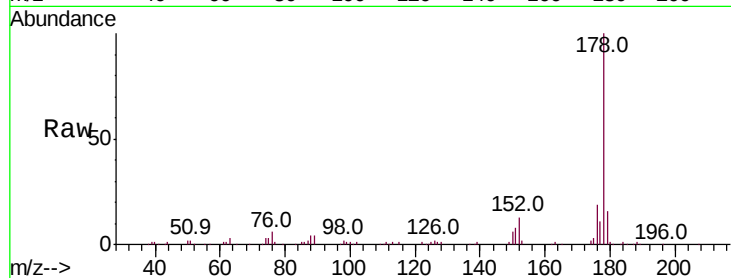
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A42B2

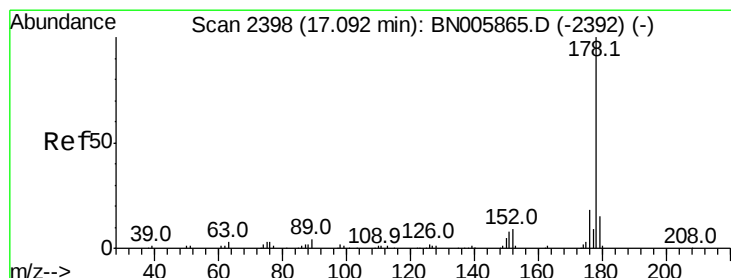
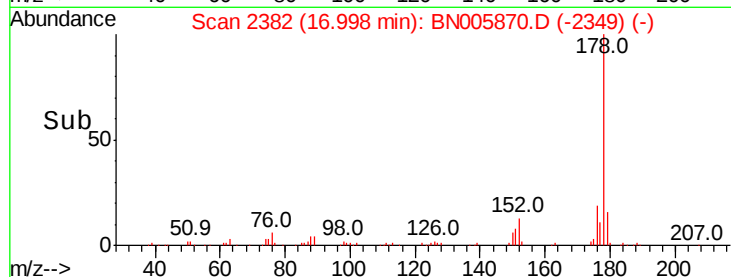
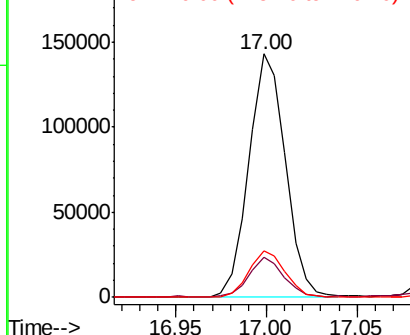
Tot Ion:178	Resp:	200922
Ion Ratio	Lower	Upper
178 100		
179 16.2	12.2	18.4
176 19.3	15.1	22.7

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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



#71

Anthracene

Concen: 1.521 ng/ul

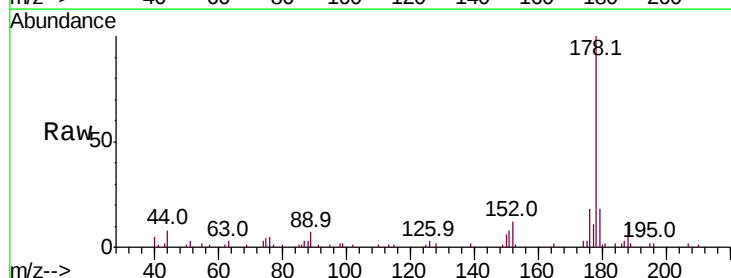
RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

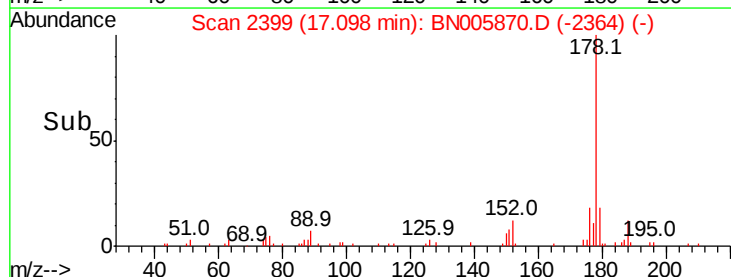
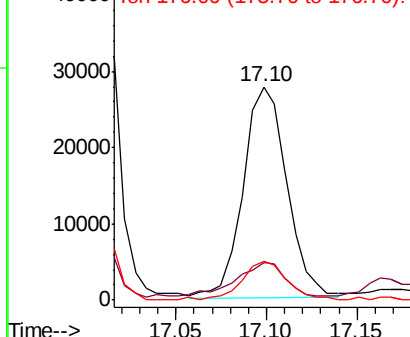
Lab File: BN005870.D

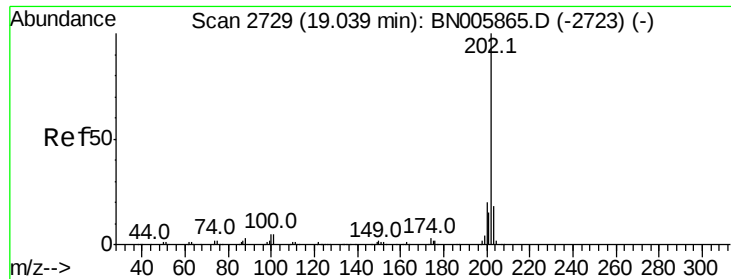
Acq: 23 May 2019 02:58

Tgt Ion:178	Resp:	46352
Ion Ratio	Lower	Upper
178 100		
179 17.7	12.3	18.5
176 18.5	15.1	22.7



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: 18.936 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

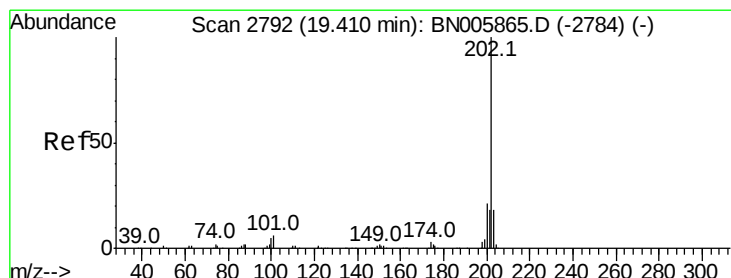
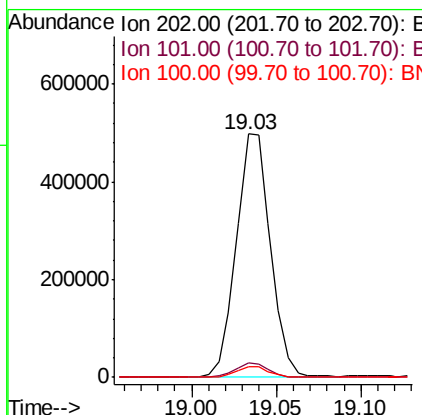
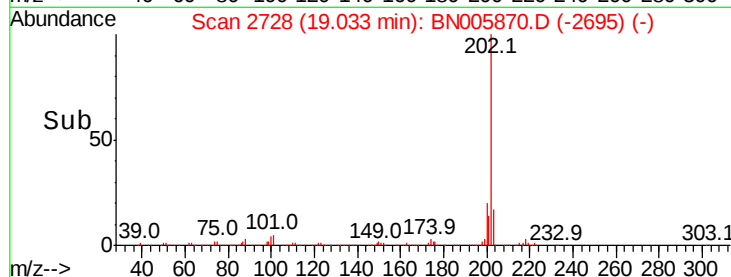
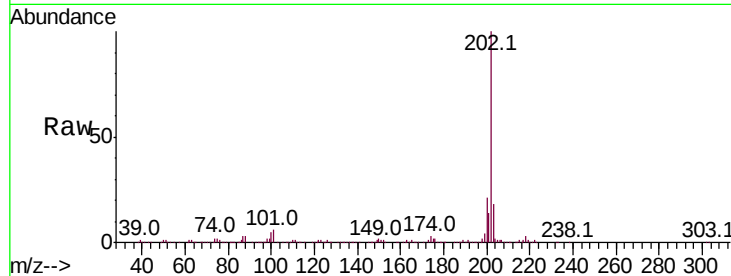
ClientSampleId :

A42B2

Tot Ion:	202	Resp:	700613
Ion Ratio	Lower	Upper	
202	100		
101	5.7	8.6	12.8#
100	4.5	6.3	9.5#

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#79

Pyrene

Concen: 16.697 ng/ul

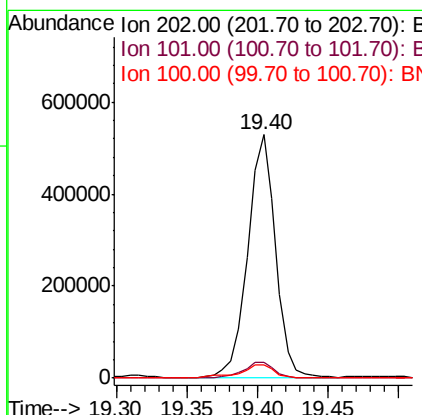
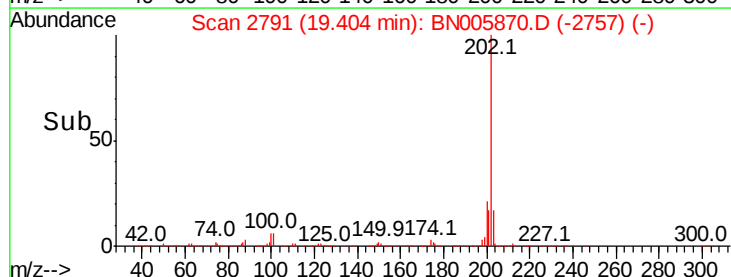
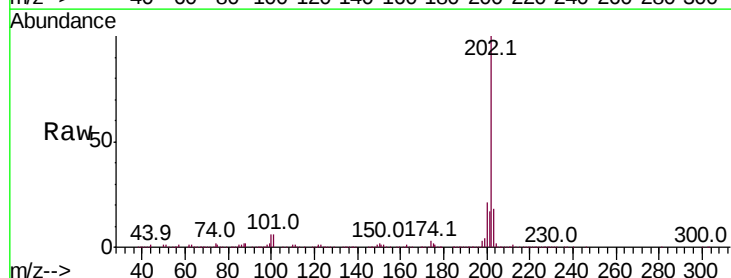
RT: 19.40 min Scan# 2791

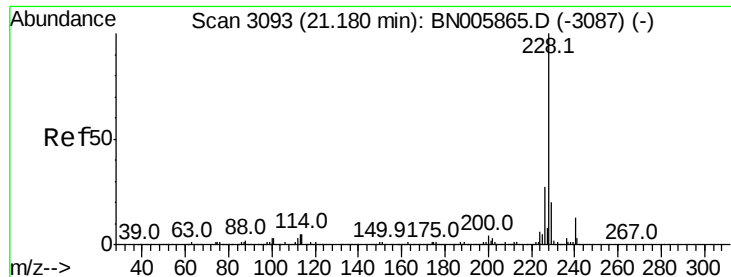
Delta R.T. -0.00 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Tgt Ion:	202	Resp:	728353
Ion Ratio	Lower	Upper	
202	100		
101	6.3	10.3	15.5#
100	5.7	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 11.169 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

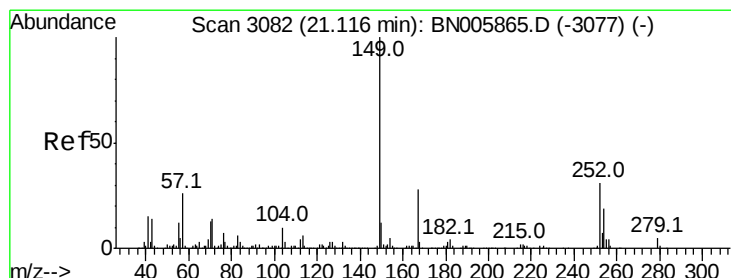
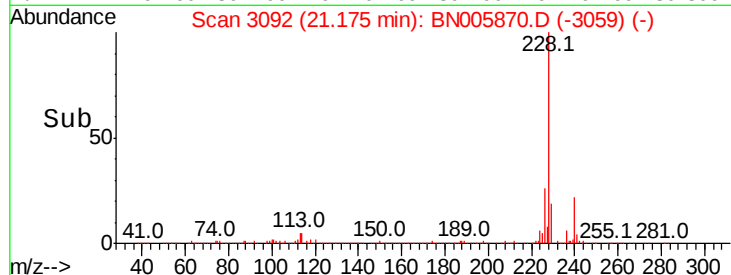
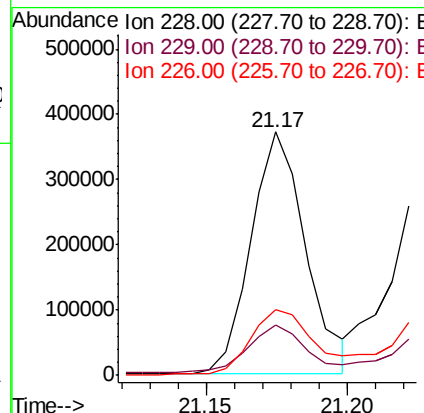
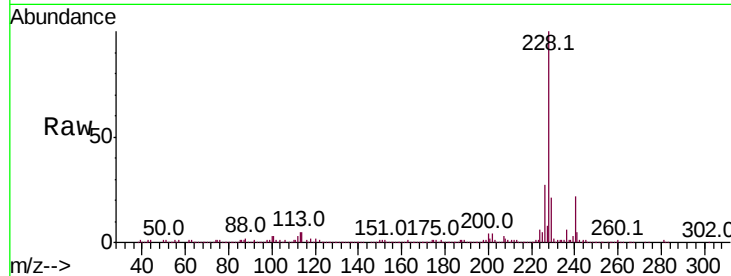
ClientSampleId :

A42B2

Tot Ion:	228	Resp:	499842
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.6
226	26.8	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.293 ng/ul

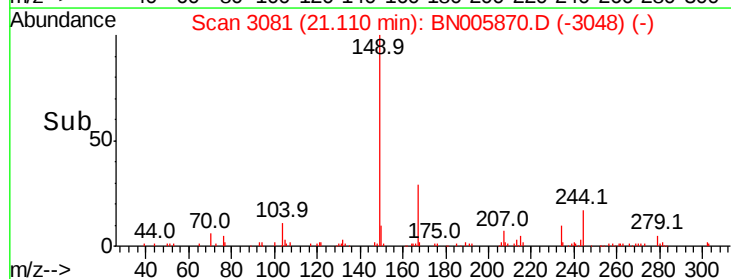
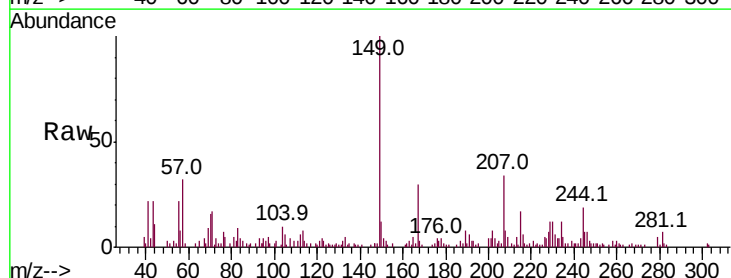
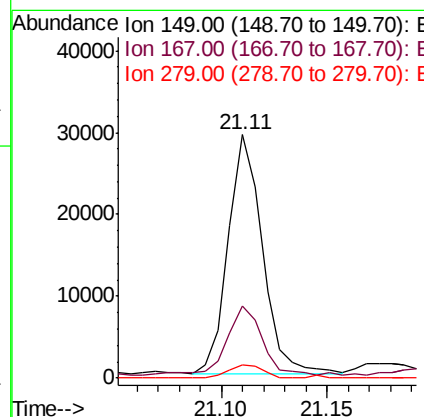
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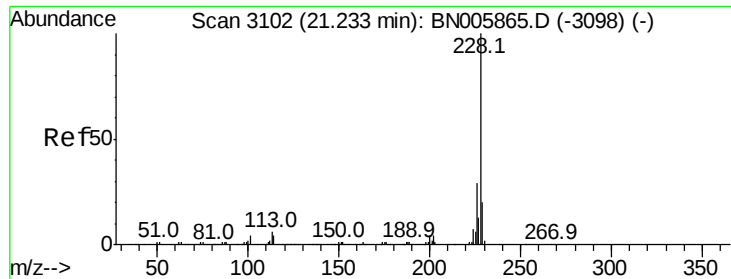
Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Tgt Ion:	149	Resp:	32778
Ion Ratio	Lower	Upper	
149	100		
167	29.8	22.3	33.5
279	5.3	3.3	4.9#





#84

Chrysene

Concen: 11.750 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

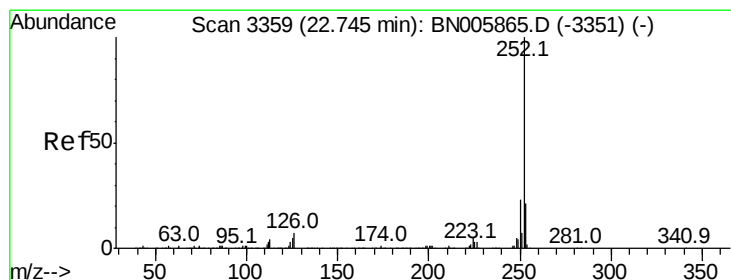
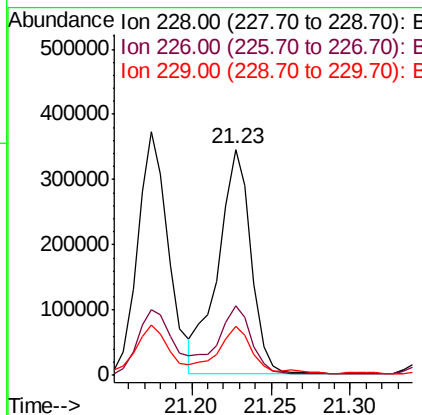
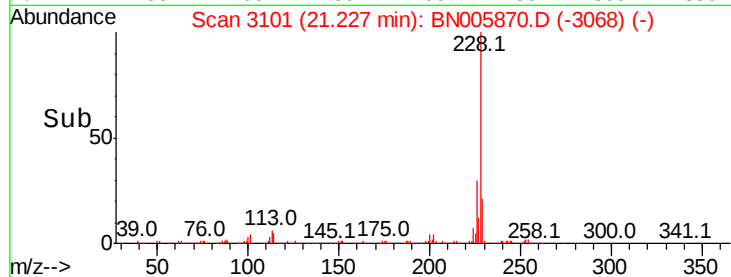
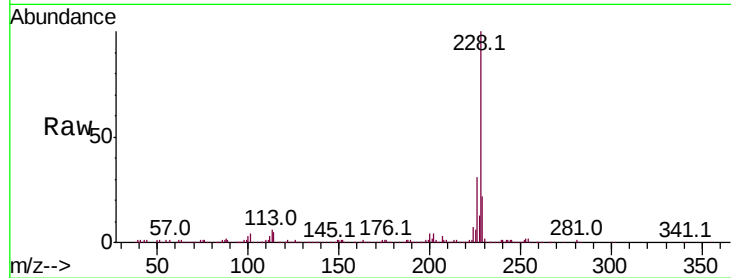
ClientSampleId :

A42B2

Tot Ion:	228	Resp:	495706
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	21.7	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 14.094 ng/ul

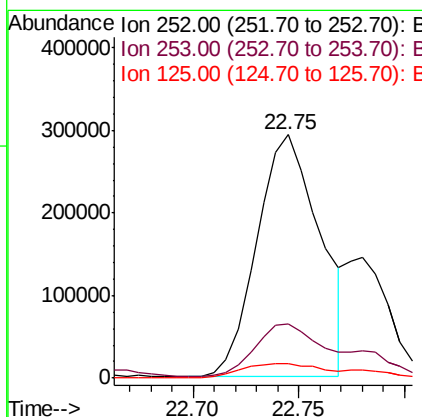
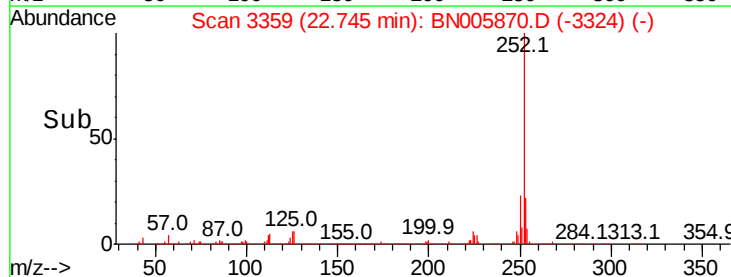
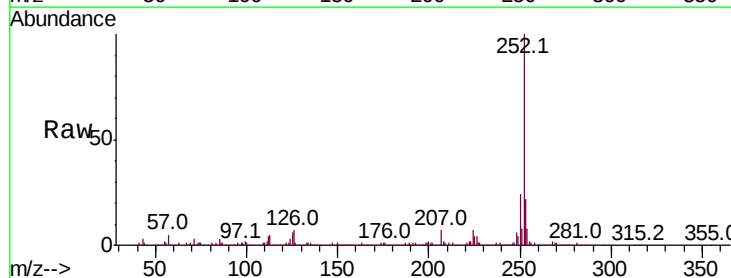
RT: 22.75 min Scan# 3359

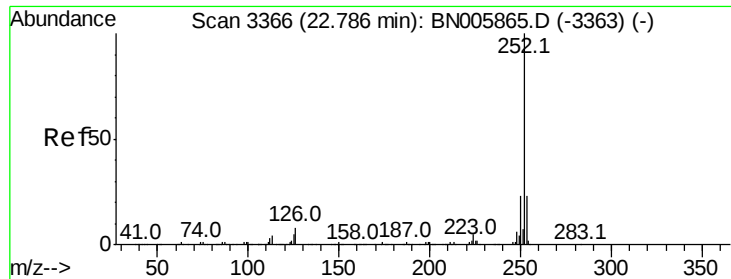
Delta R.T. 0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Tgt Ion:	252	Resp:	608422
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	6.2	8.4	12.6#





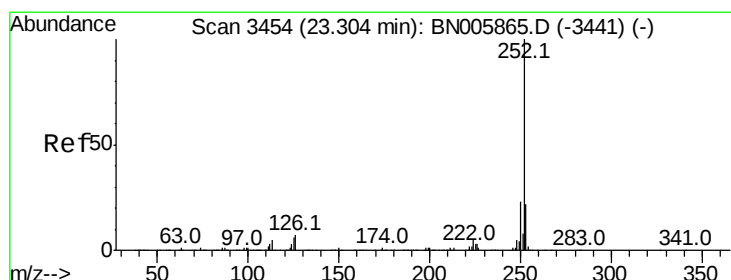
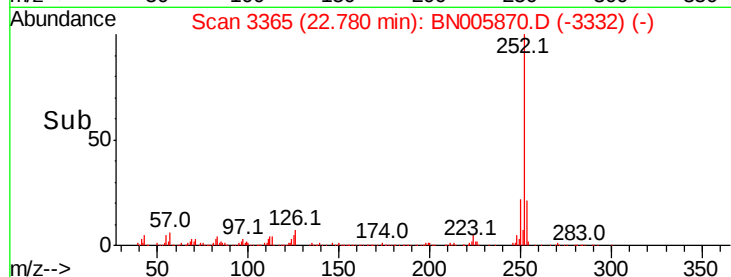
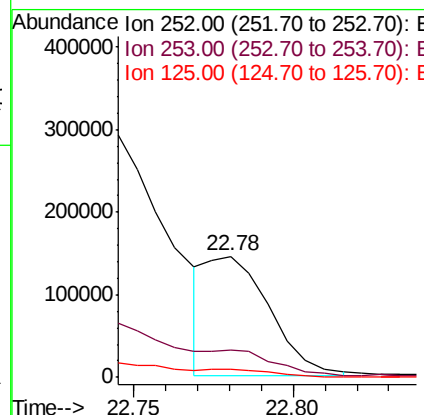
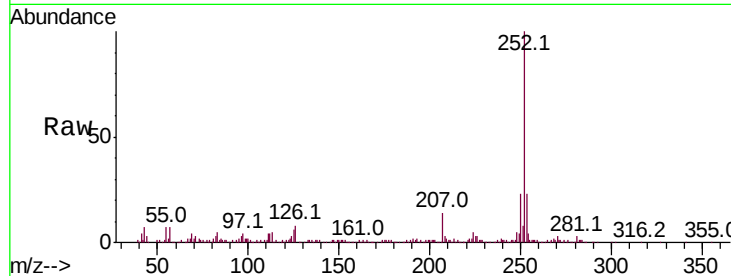
#88
Benzo(k)fluoranthene
Concen: 4.766 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Instrument :
BNA_N
ClientSampleId :
A42B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	6.2	7.5	11.3

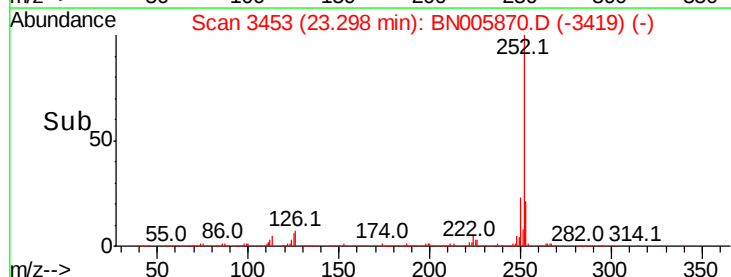
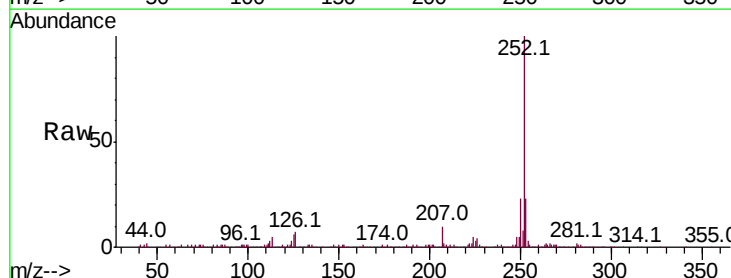
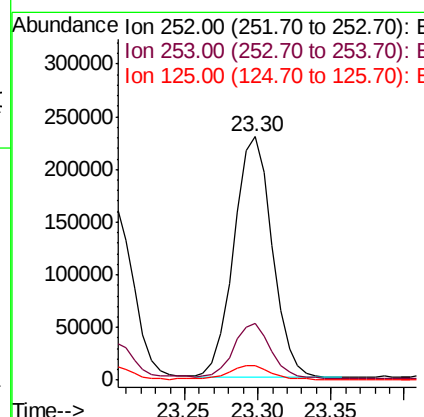
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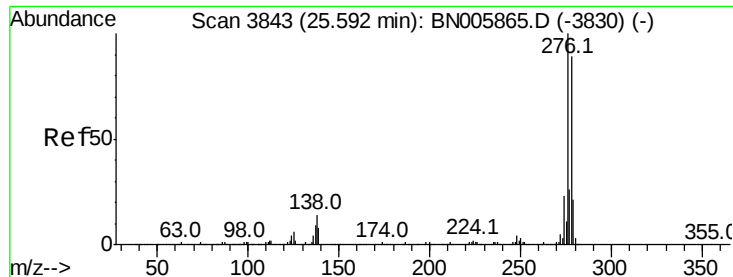
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#90
Benzo(a)pyrene
Concen: 9.976 ng/ul m
RT: 23.30 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	6.0	8.6	13.0





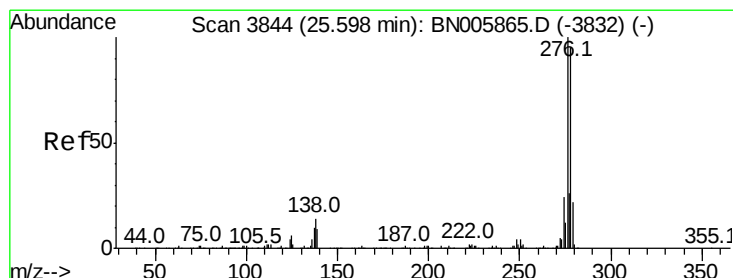
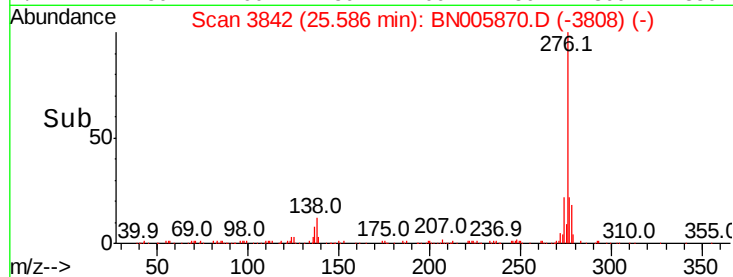
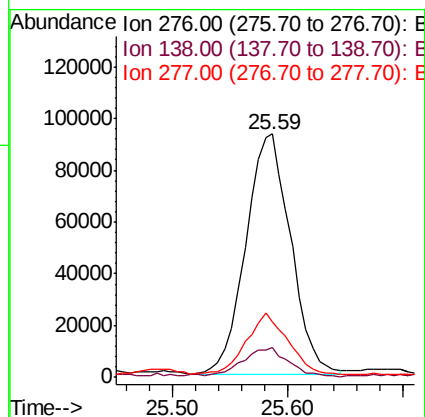
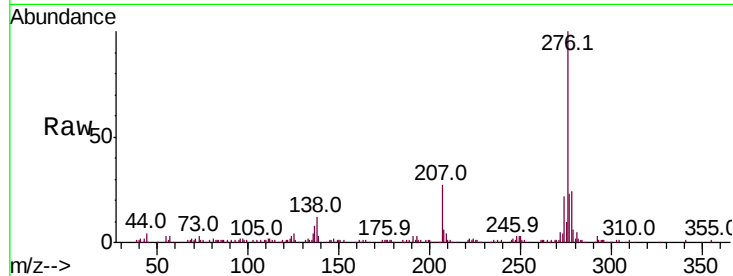
#91
Indeno(1,2,3-cd)pyrene
Concen: 4.923 ng/uL
RT: 25.59 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Instrument :
BNA_N
ClientSampleId :
A42B2

Tot Ion	Ratio	Resp	Lower	Upper
276	100	251595		
138	15.1	17.9	26.9#	
277	22.7	19.7	29.5	

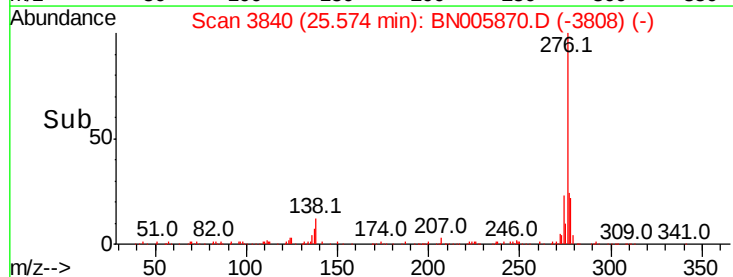
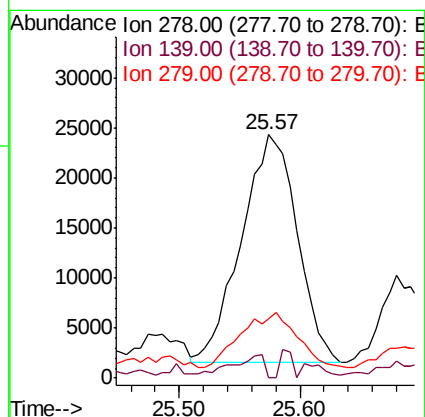
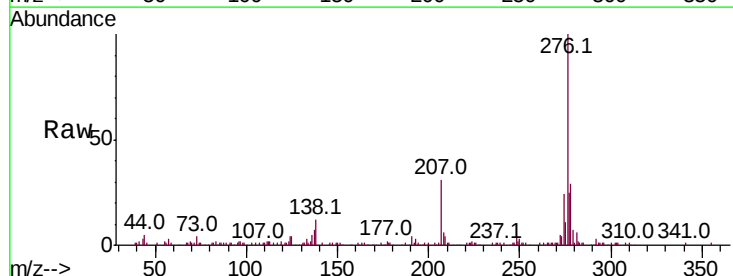
Manual Integrations
APPROVED

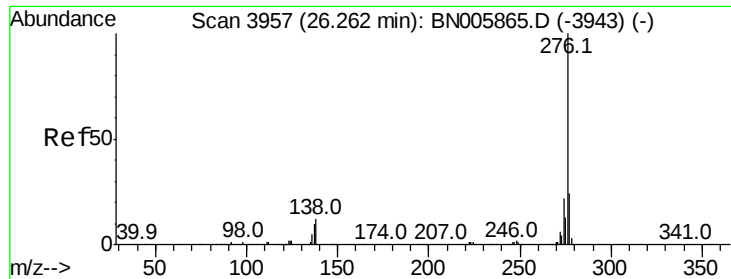
mohammad
5/23/2019 3:31:20 PM



#92
Dibenzo(a,h)anthracene
Concen: 1.701 ng/uL
RT: 25.57 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	73186		
139	0.0	13.1	19.7#	
279	24.4	19.4	29.0	





#93

Benzo(a,h,i)perylene

Concen: 3.777 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

ClientSampleId :

A42B2

Tot Ion:	276	Resp:	161363
Ion Ratio	Lower	Upper	
276	100		
138	12.1	16.7	25.1#
277	25.3	18.2	27.2

Manual Integrations
APPROVED

mohammad
5/23/2019 3:31:20 PM

