

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000881.D
 Acq On : 25 Apr 2018 08:58
 Operator : JU/SJ
 Sample : J2444-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DART2

Manual Integrations
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Quant Time: Apr 25 11:12:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163480	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	686956	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	336368	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	653753	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	620398	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	664930	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	863187	26.72	ng/ul	0.00
10) Fluorene-d10	15.25	176	591752	27.44	ng/ul	0.00
14) Anthracene-d10	17.10	188	823694	27.55	ng/ul	0.00
18) Pyrene-d10	19.40	212	863037	27.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	951639	30.30	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	222296	6.234	ng/ul	99
15) Anthracene	17.13	178	62727	1.754	ng/ul	97
16) Fluoranthene	19.06	202	584575	16.159	ng/ul#	94
19) Pyrene	19.43	202	486526	12.209	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	324195	8.742	ng/ul	97
21) Chrysene	21.24	228	278575	7.992	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	505364	13.374	ng/ul#	96
24) Benzo(k)fluoranthene	22.78	252	141198m	3.819	ng/ul	
26) Benzo(a)pyrene	23.30	252	311601	8.628	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	254055	5.824	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.57	278	68502	1.884	ng/ul#	79
29) Benzo(g,h,i)perylene	26.23	276	231901	6.357	ng/ul#	95

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

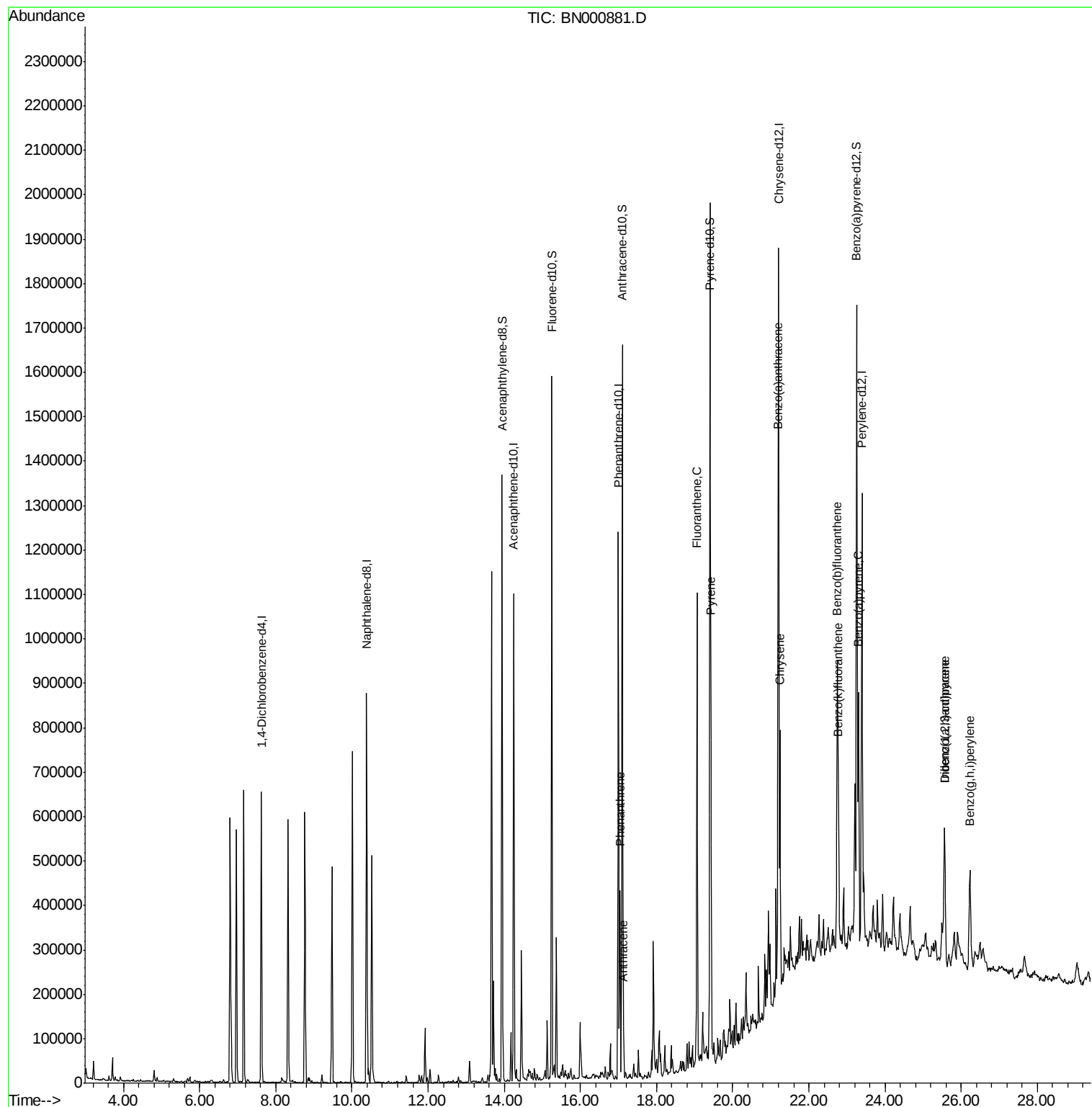
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
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Acq On : 25 Apr 2018 08:58
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Misc :
ALS Vial : 40 Sample Multiplier: 1

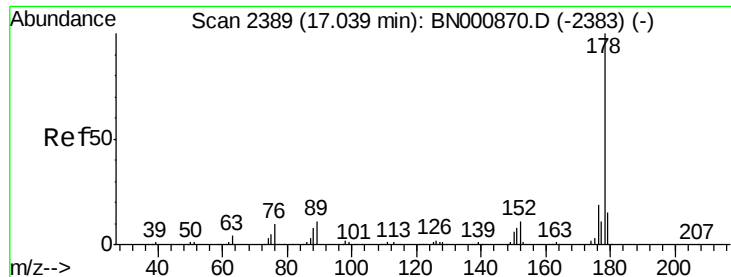
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Quant Time: Apr 25 11:12:44 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
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#13

Phenanthrene

Concen: 6.234 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000881.D

Acq: 25 Apr 2018 08:58

Instrument :

BNA_N

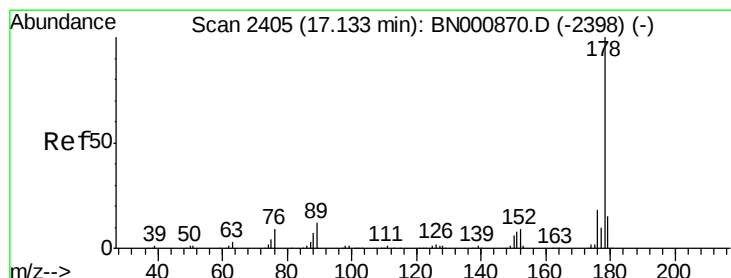
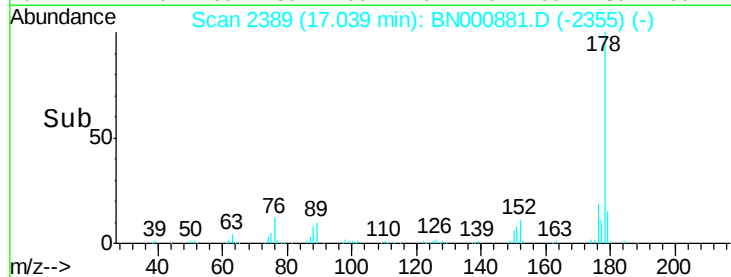
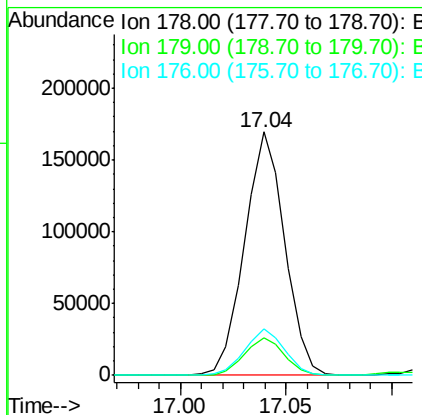
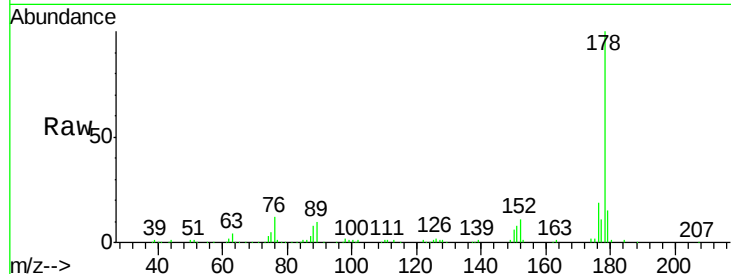
ClientSampled :

DART2

Tot Ion:	178	Resp:	222296
Ion Ratio		Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.3	15.1	22.7

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#15

Anthracene

Concen: 1.754 ng/ul

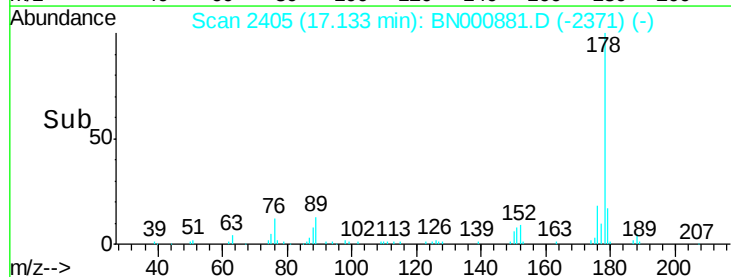
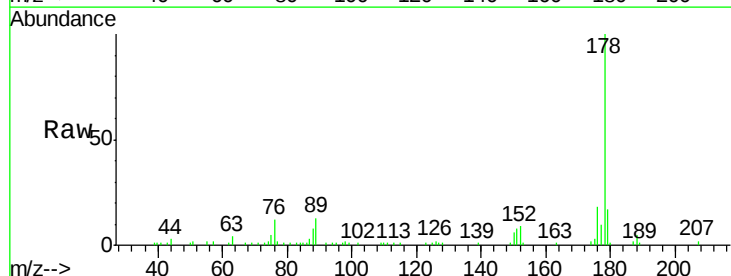
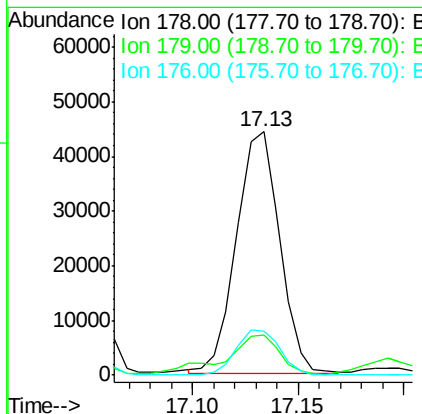
RT: 17.13 min Scan# 2405

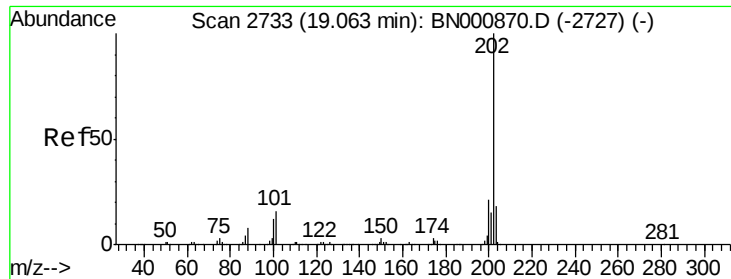
Delta R.T. -0.00 min

Lab File: BN000881.D

Acq: 25 Apr 2018 08:58

Tgt Ion:	178	Resp:	62727
Ion Ratio		Lower	Upper
178	100		
179	16.5	11.8	17.8
176	18.3	15.2	22.8





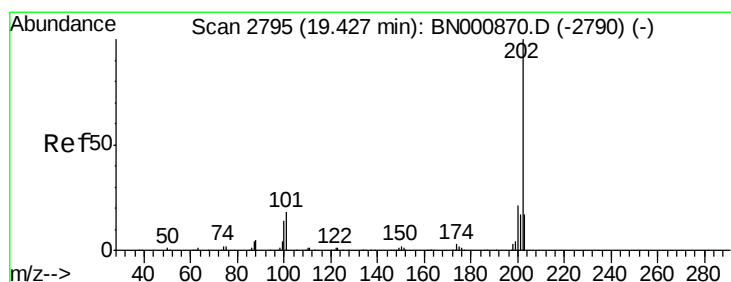
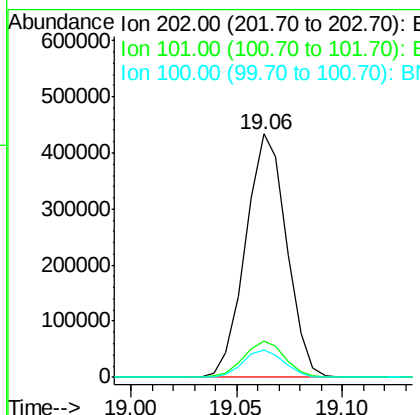
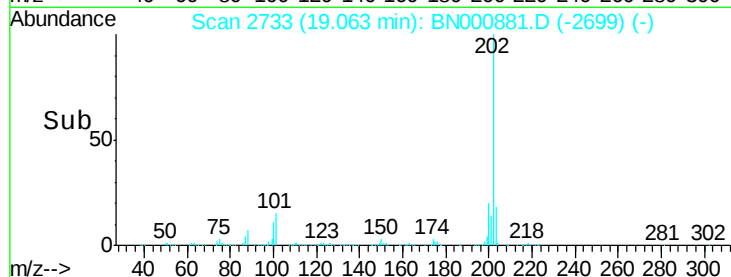
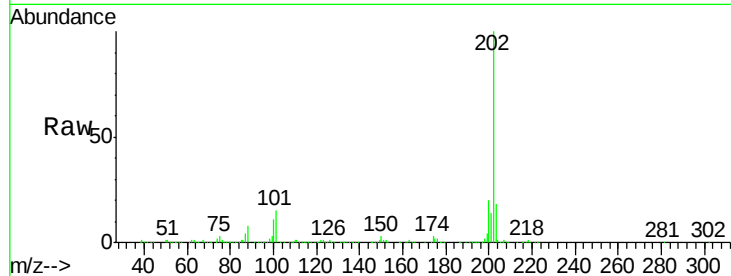
#16
Fluoranthene
 Concen: 16.159 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BN000881.D
 Acq: 25 Apr 2018 08:58

Instrument :
 BNA_N
 ClientSampled :
 DART2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.2	7.4	11.0#

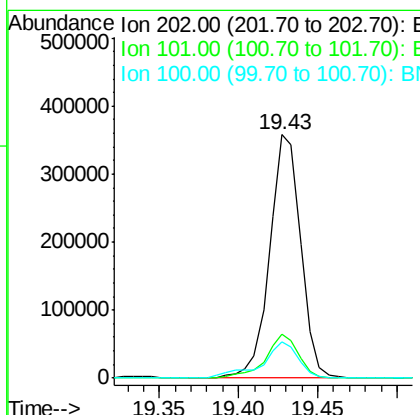
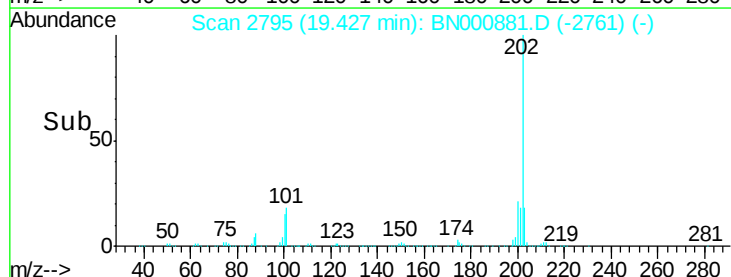
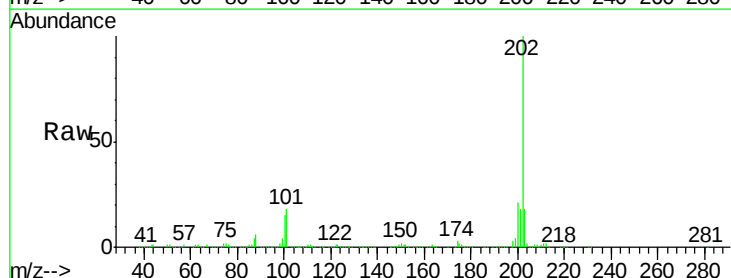
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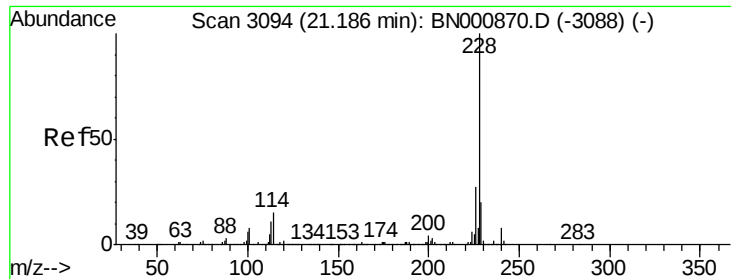
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#19
Pyrene
 Concen: 12.209 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BN000881.D
 Acq: 25 Apr 2018 08:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	14.7	8.1	12.1#





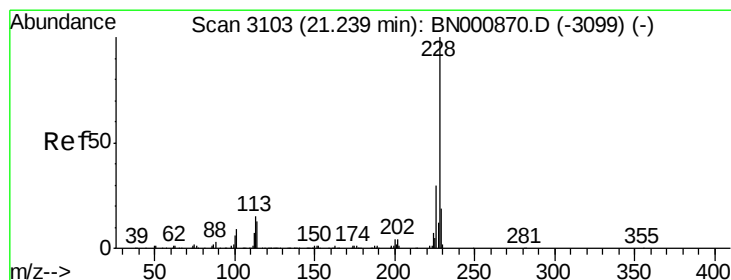
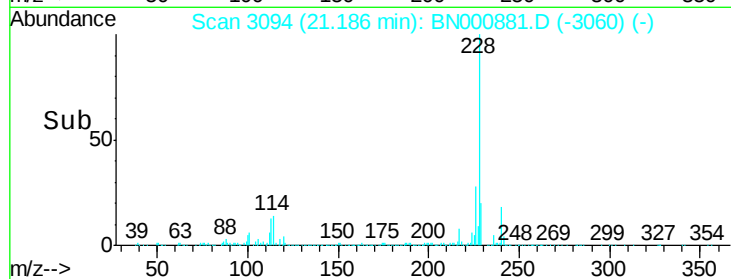
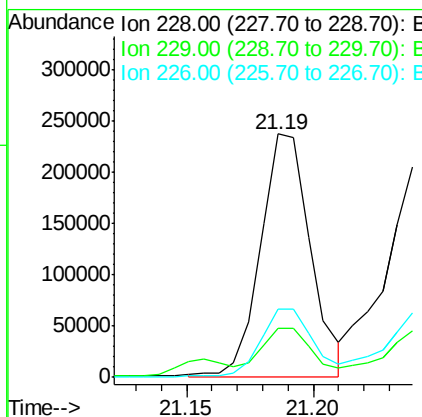
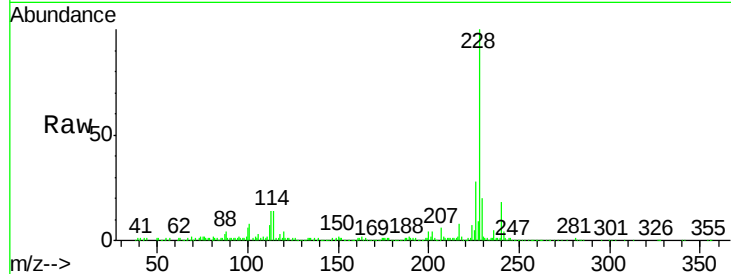
#20
Benzo(a)anthracene
Concen: 8.742 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BN000881.D
Acq: 25 Apr 2018 08:58

Instrument :
BNA_N
ClientSampleId :
DART2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.1	21.1	31.7

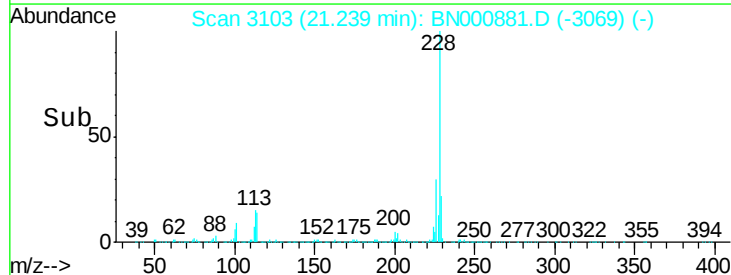
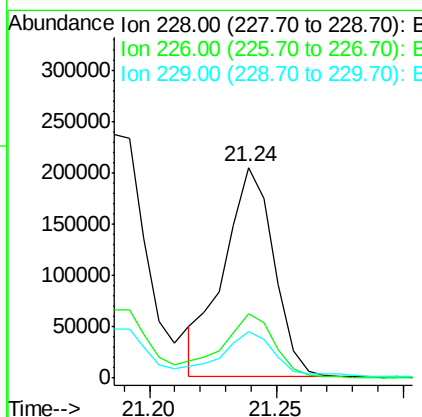
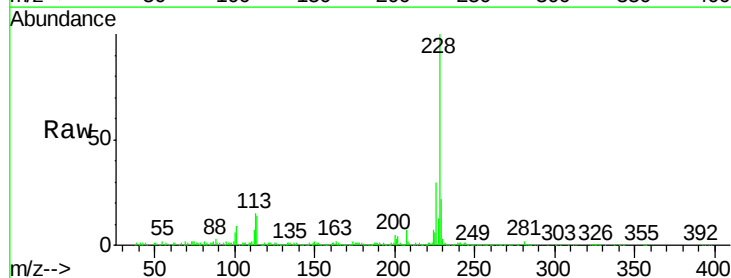
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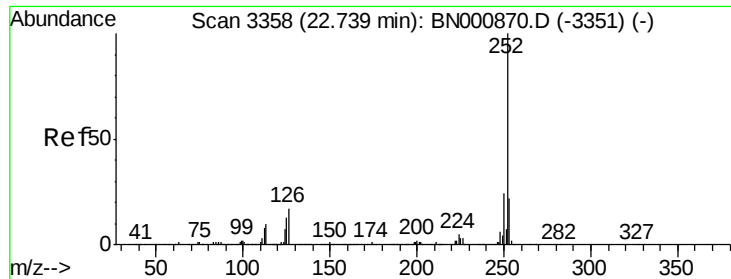
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#21
Chrysene
Concen: 7.992 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN000881.D
Acq: 25 Apr 2018 08:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.3	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 13.374 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BN000881.D

Acq: 25 Apr 2018 08:58

Instrument :

BNA_N

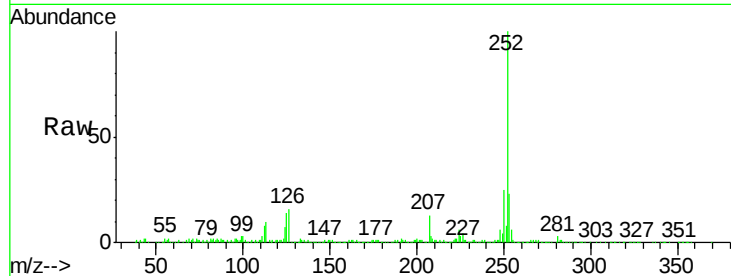
ClientSampleId :

DART2

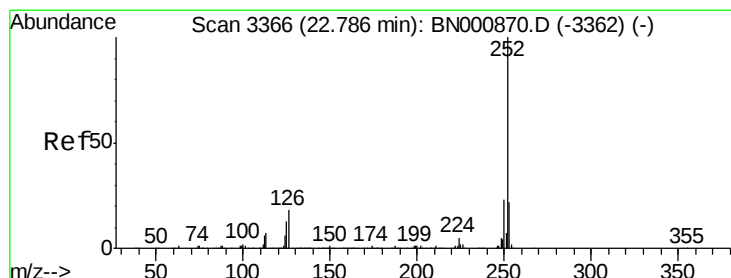
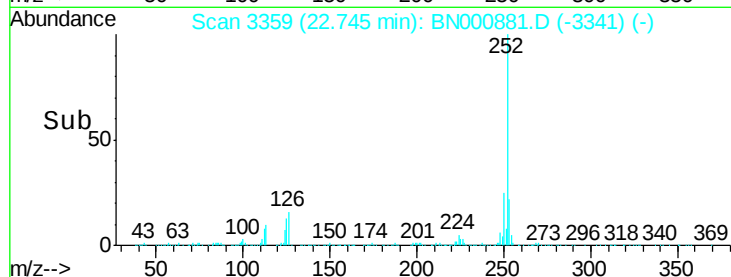
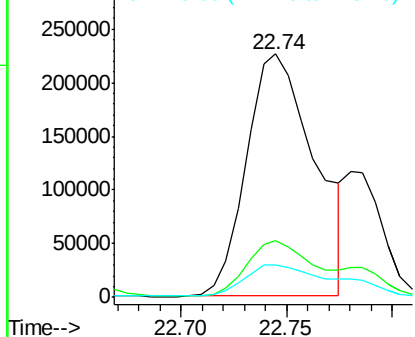
Tot Ion:	252	Resp:	505364
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.6	8.0	12.0#

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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



#24

Benzo(k)fluoranthene

Concen: 3.819 ng/ul m

RT: 22.78 min Scan# 3365

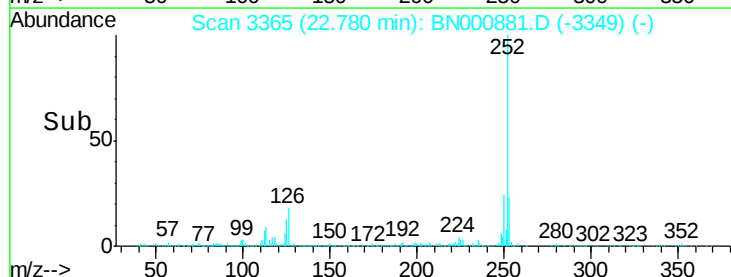
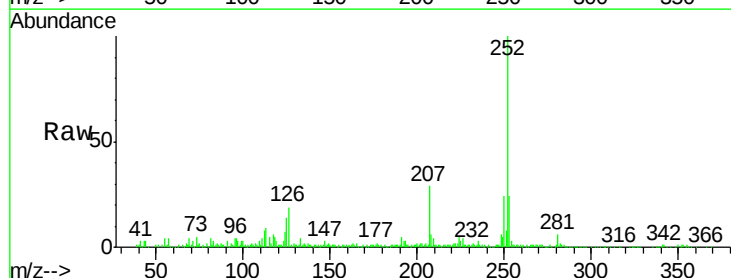
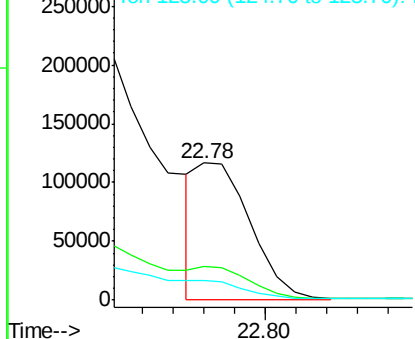
Delta R.T. -0.01 min

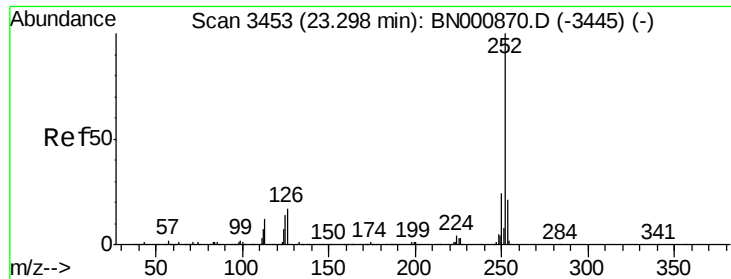
Lab File: BN000881.D

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Tgt Ion:	252	Resp:	141198
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	14.1	8.1	12.1#

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





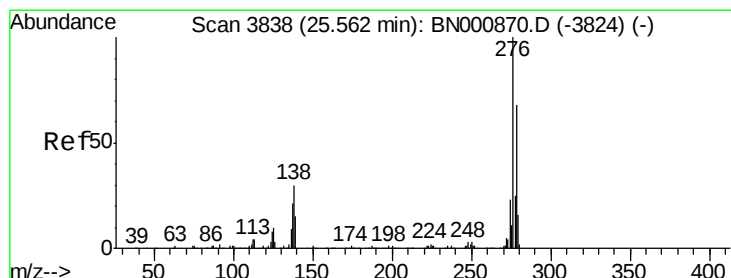
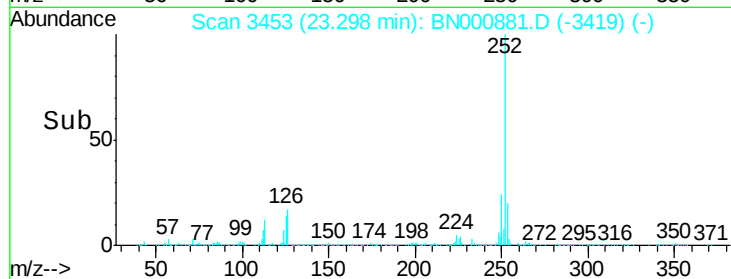
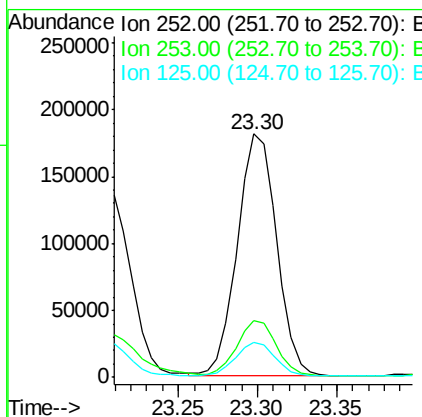
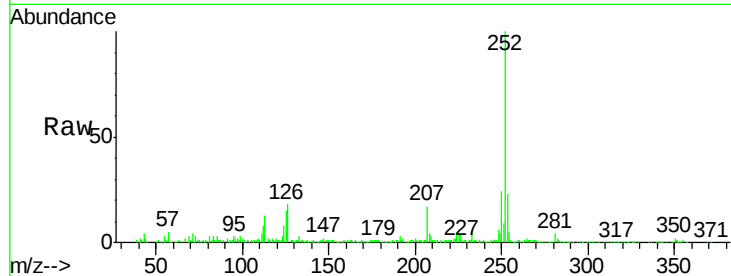
#26
Benzo(a)pyrene
Concen: 8.628 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BN000881.D
Acq: 25 Apr 2018 08:58

Instrument :
BNA_N
ClientSampled :
DART2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	14.6	8.2	12.4

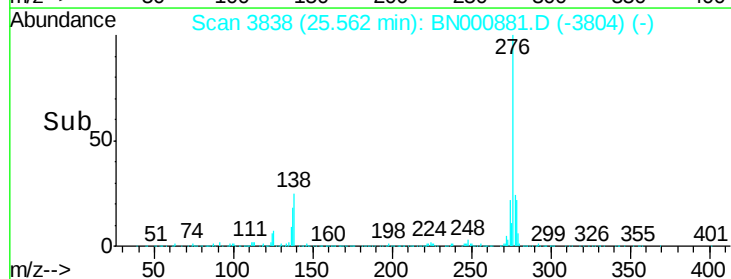
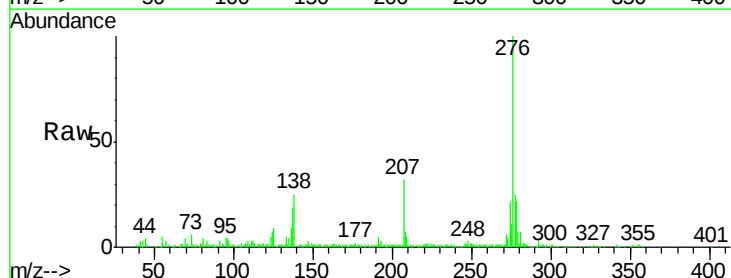
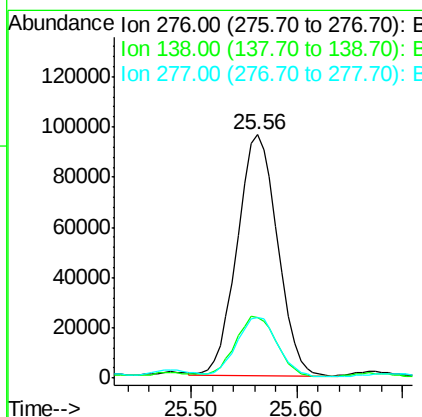
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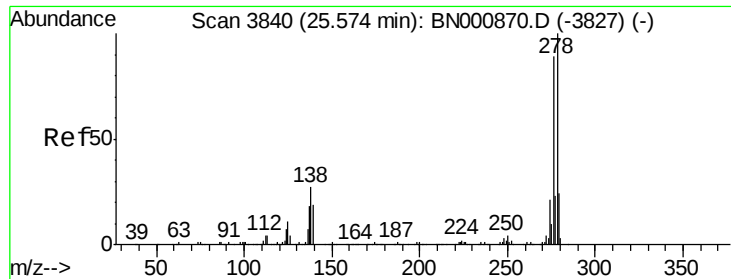
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#27
Indeno(1,2,3-cd)pyrene
Concen: 5.824 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BN000881.D
Acq: 25 Apr 2018 08:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	14.4	21.6
277	24.7	18.0	27.0





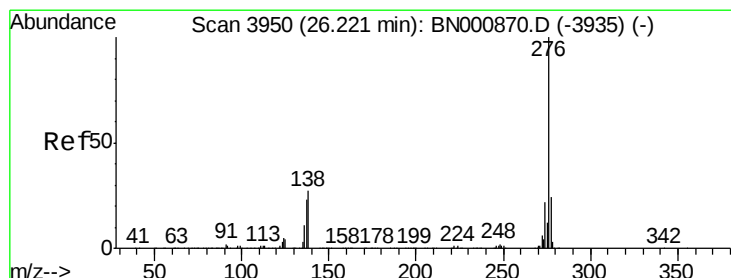
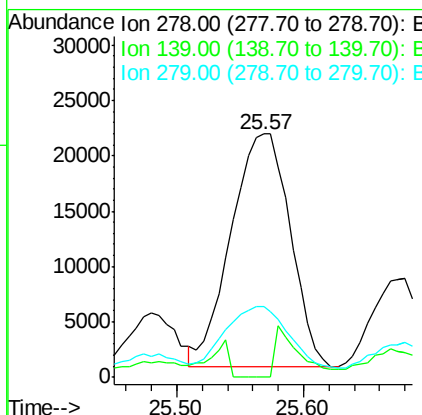
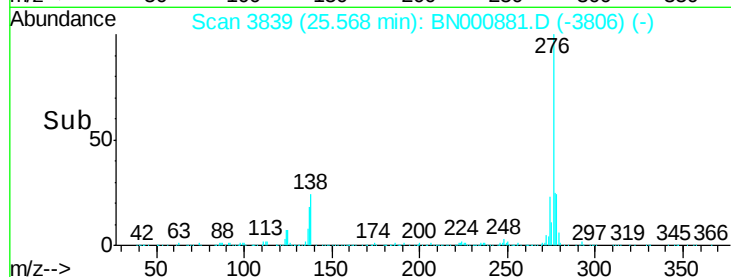
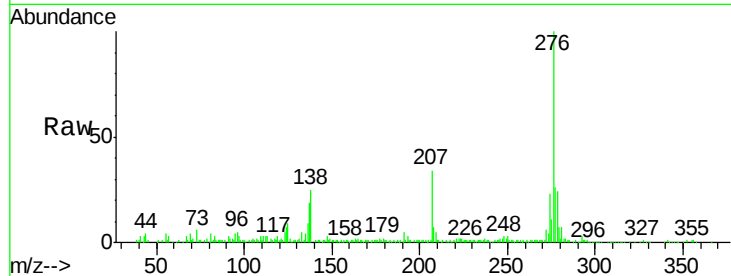
#28
Dibenzo(a,h)anthracene
Concen: 1.884 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BN000881.D
Acq: 25 Apr 2018 08:58

Instrument :
BNA_N
ClientSampled :
DART2

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	29.1	19.2	28.8#

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#29
Benzo(g,h,i)perylene
Concen: 6.357 ng/ul
RT: 26.23 min Scan# 3951
Delta R.T. 0.01 min
Lab File: BN000881.D
Acq: 25 Apr 2018 08:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	15.3	22.9#
277	23.6	19.0	28.4

