

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000381.D
 Acq On : 14 Mar 2018 19:06
 Operator : JU/SJ
 Sample : J1865-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME2

Manual Integrations
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Quant Time: Mar 15 07:20:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	174083	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	880024	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	521971	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1196261	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1178546	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1088937	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1572978	30.36	ng/ul	0.00
10) Fluorene-d10	16.04	176	1050421	29.94	ng/ul	0.00
14) Anthracene-d10	17.88	188	1661800	29.73	ng/ul	0.00
18) Pyrene-d10	20.13	212	1888515	32.75	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1523971	30.65	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	14.79	152	54849	1.054	ng/ul	97
13) Phenanthrene	17.83	178	204939	2.987	ng/ul	100
15) Anthracene	17.92	178	71434	1.026	ng/ul	99
16) Fluoranthene	19.80	202	626729	8.455	ng/ul#	93
19) Pyrene	20.16	202	556111	7.474	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	372649m	5.086	ng/ul	
21) Chrysene	21.94	228	391934m	5.637	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	570978m	8.793	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	167051m	2.748	ng/ul	
26) Benzo(a)pyrene	24.28	252	323555	5.236	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.94	276	255740	3.838	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.95	278	67556	1.237	ng/ul#	82
29) Benzo(g,h,i)perylene	27.74	276	217514	3.909	ng/ul#	87

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

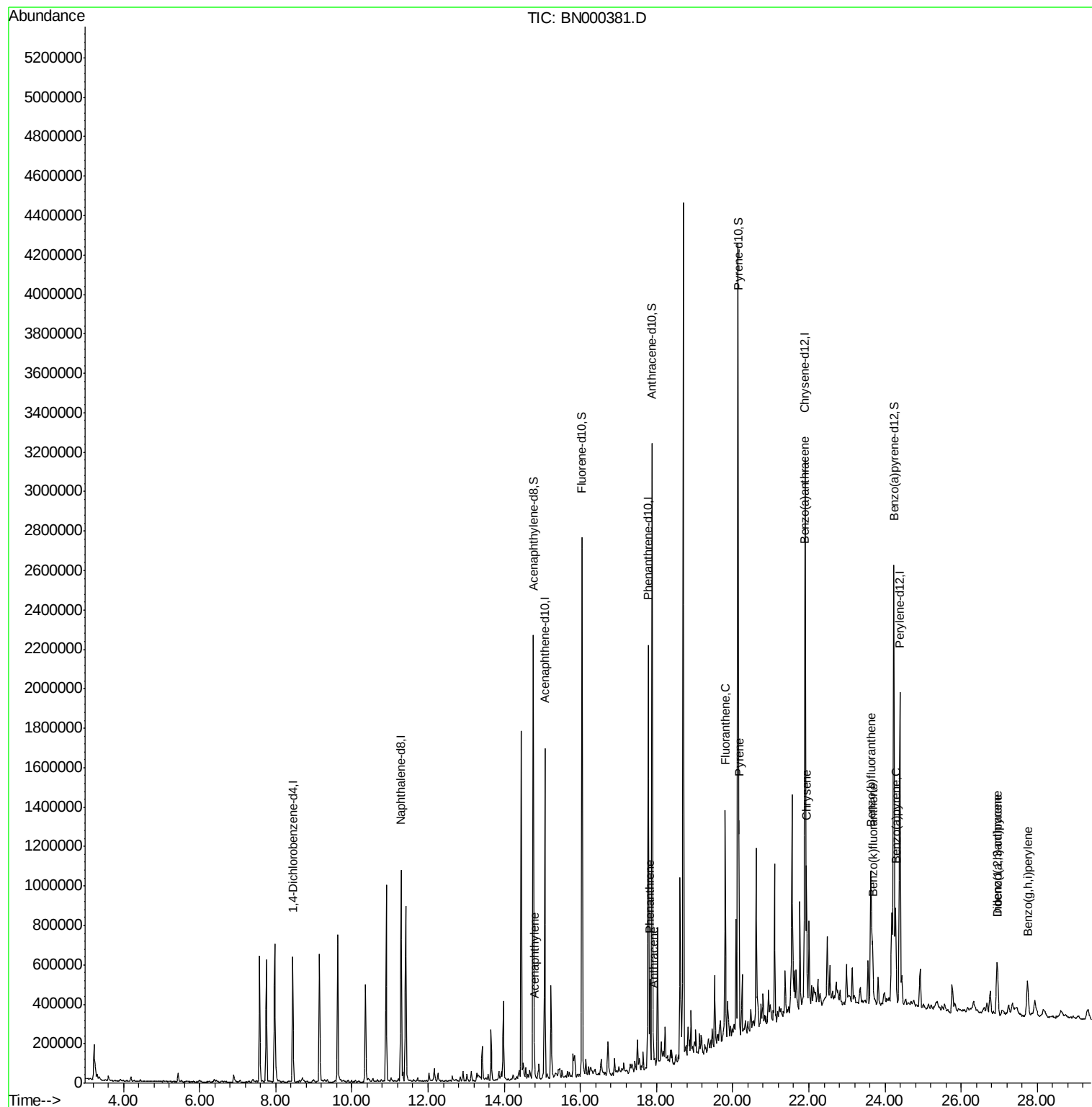
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000381.D
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Sample : J1865-16
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ALS Vial : 17 Sample Multiplier: 1

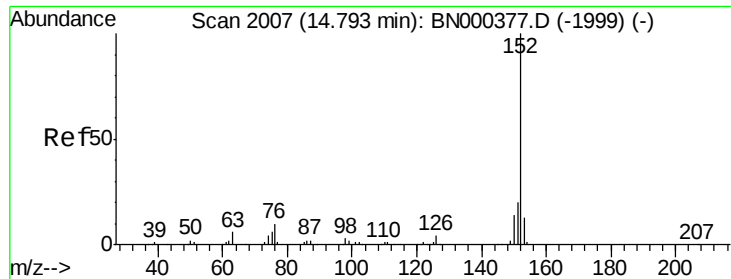
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Quant Time: Mar 15 07:20:57 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
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#8

Acenaphthylene

Concen: 1.054 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Instrument :

BNA_N

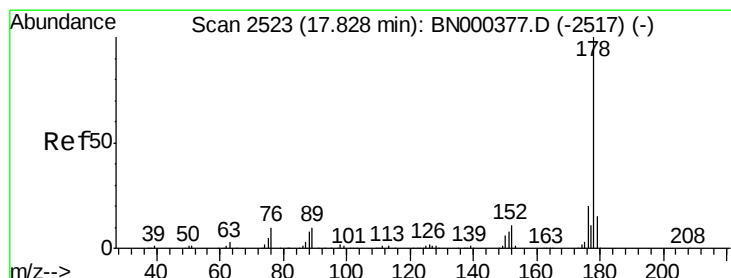
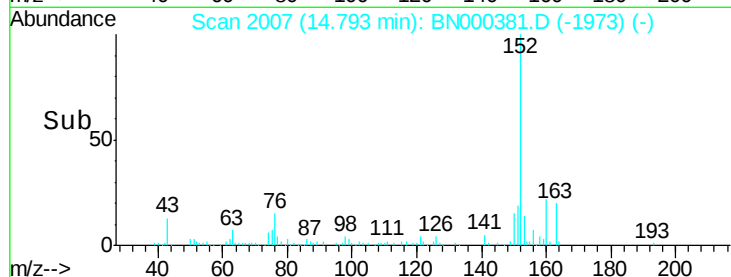
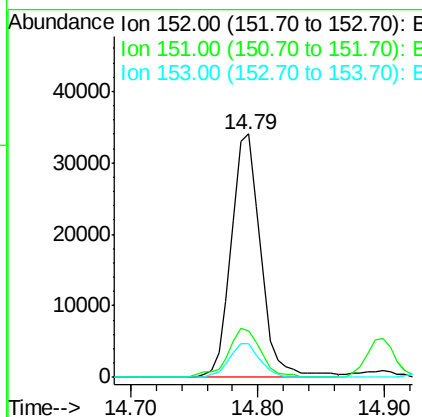
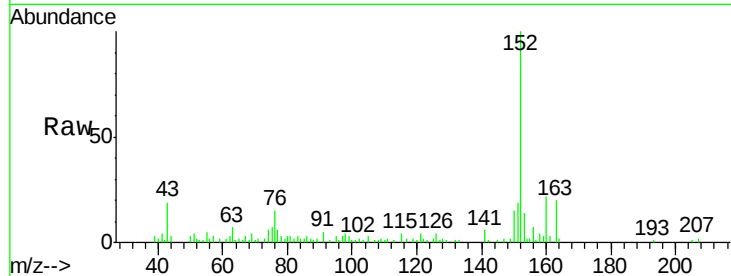
ClientSampleId :

DAME2

Tgt Ion:	152	Resp:	54849
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.7	25.1
153	13.7	10.2	15.4

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#13

Phenanthrene

Concen: 2.987 ng/ul

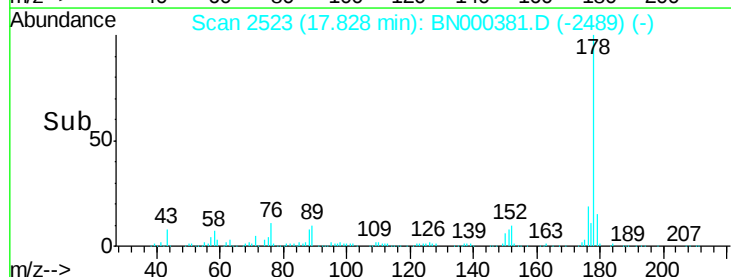
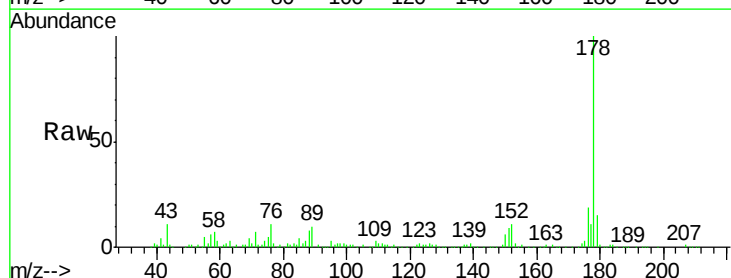
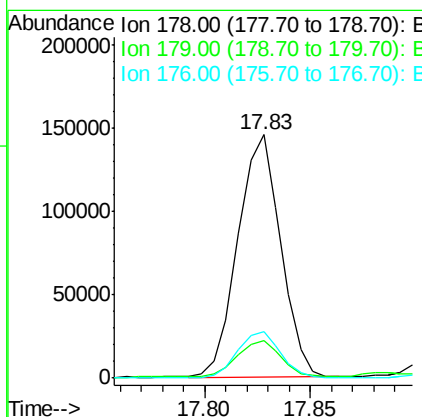
RT: 17.83 min Scan# 2523

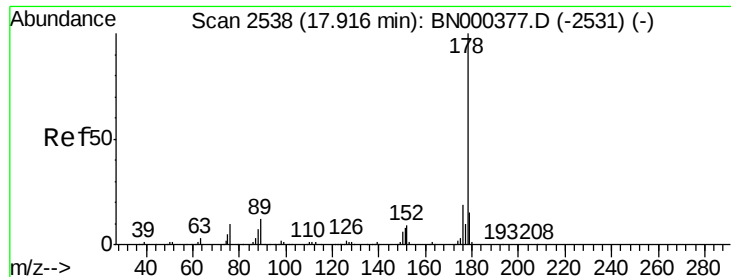
Delta R.T. 0.00 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Tgt Ion:	178	Resp:	204939
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.9	15.1	22.7





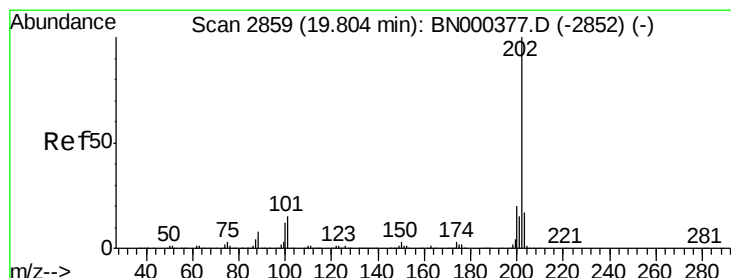
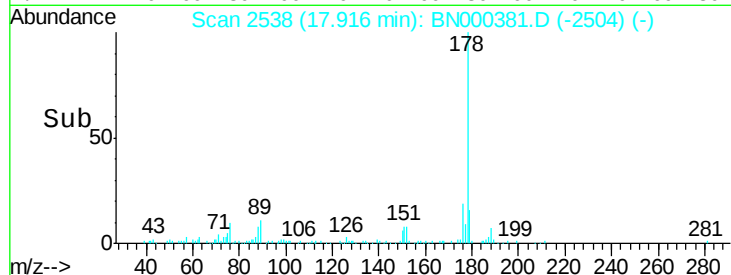
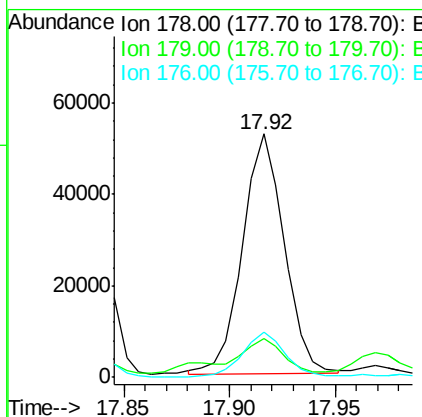
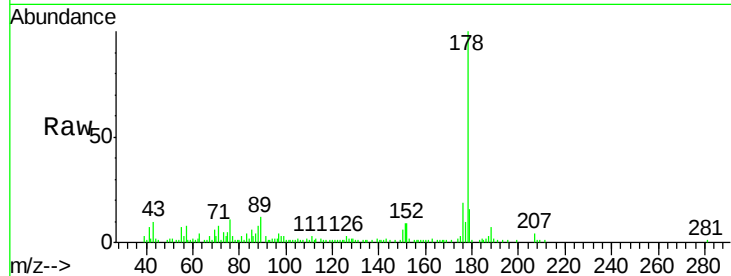
#15
 Anthracene
 Concen: 1.026 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. 0.00 min
 Lab File: BN000381.D
 Acq: 14 Mar 2018 19:06

Instrument :
 BNA_N
 ClientSampled :
 DAME2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.8	15.2	22.8

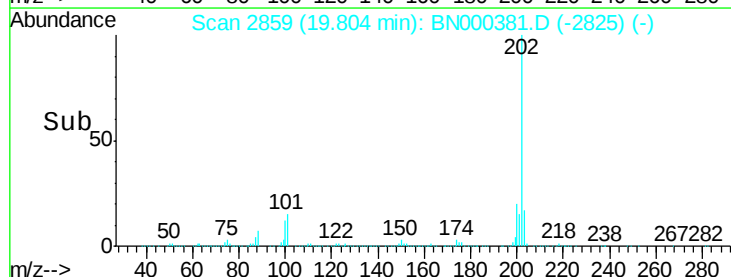
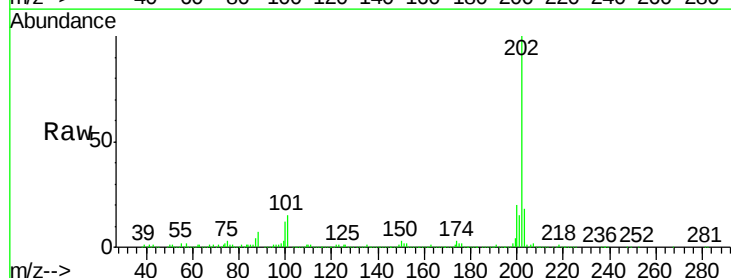
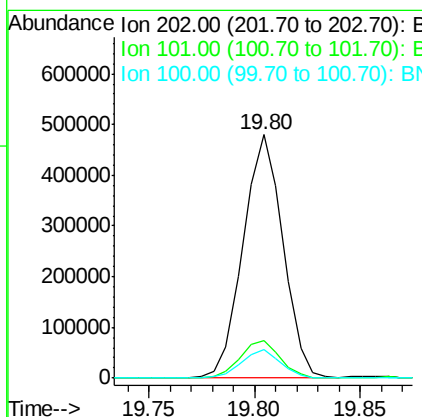
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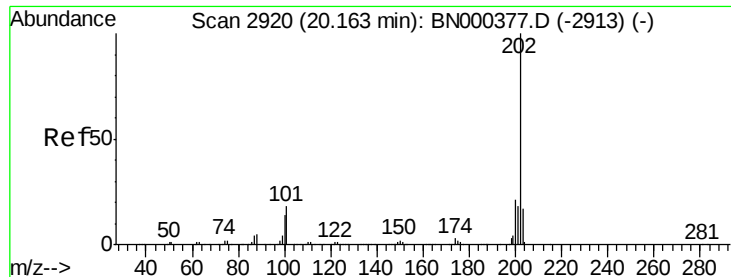
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#16
 Fluoranthene
 Concen: 8.455 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: BN000381.D
 Acq: 14 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.6	7.4	11.0#





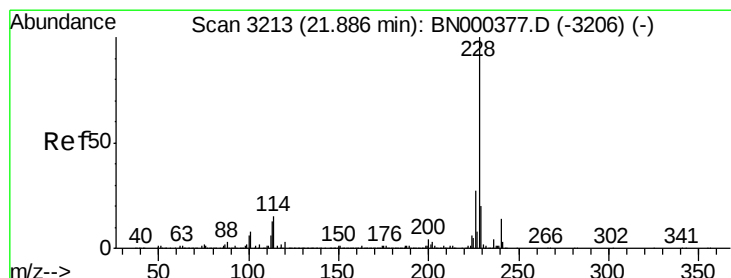
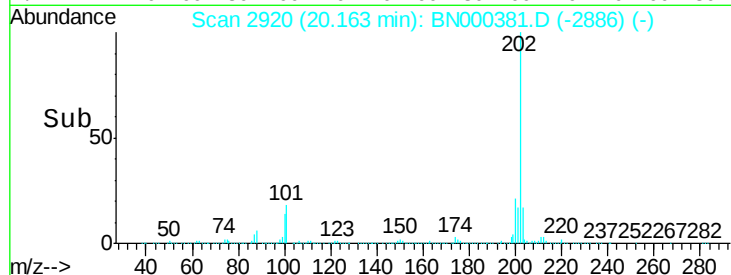
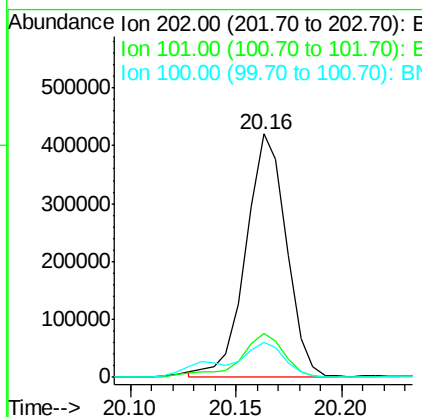
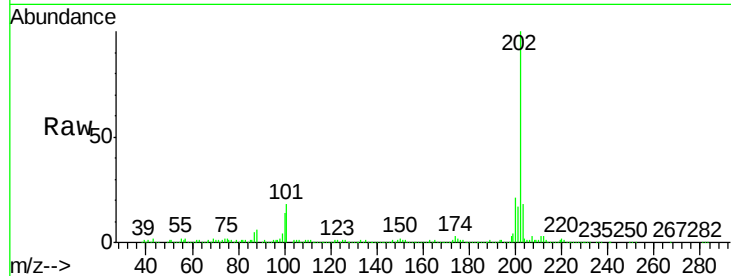
#19
 Pyrene
 Concen: 7.474 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: BN000381.D
 Acq: 14 Mar 2018 19:06

Instrument :
 BNA_N
 ClientSampled :
 DAME2

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.4	8.1	12.1#

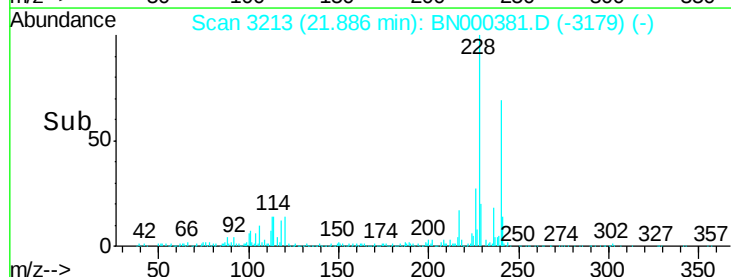
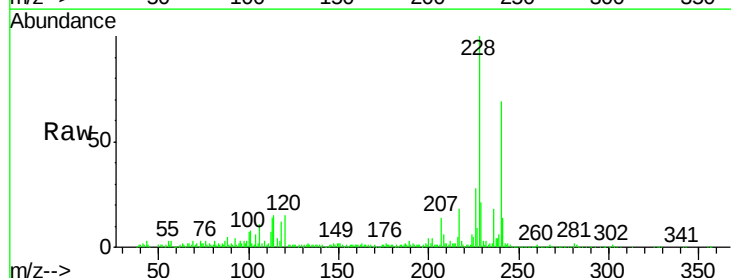
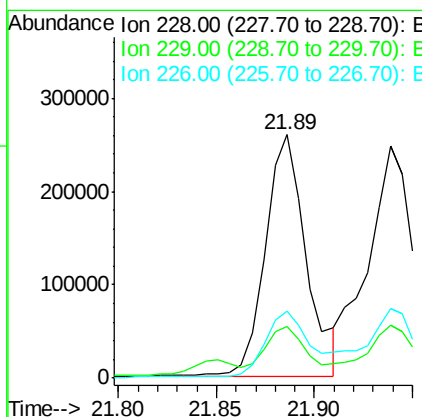
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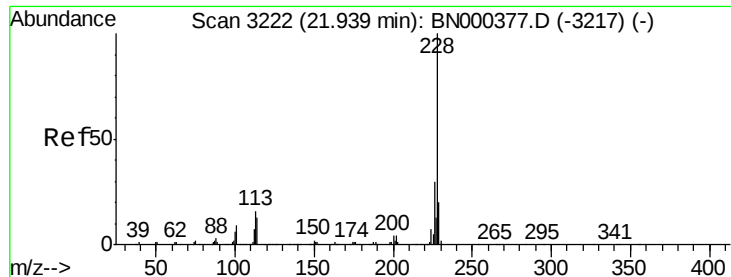
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#20
 Benzo(a)anthracene
 Concen: 5.086 ng/ul m
 RT: 21.89 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: BN000381.D
 Acq: 14 Mar 2018 19:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.7	23.5
226	27.5	21.1	31.7





#21

Chrysene

Concen: 5.637 ng/ul m

RT: 21.94 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Instrument :

BNA_N

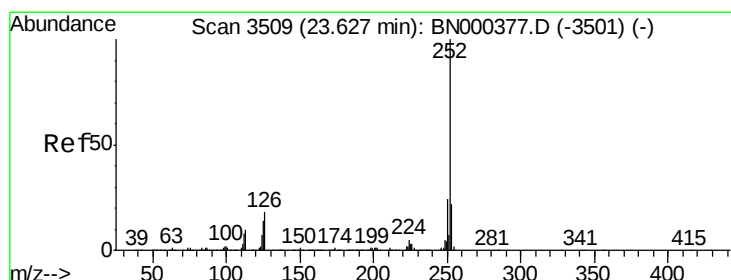
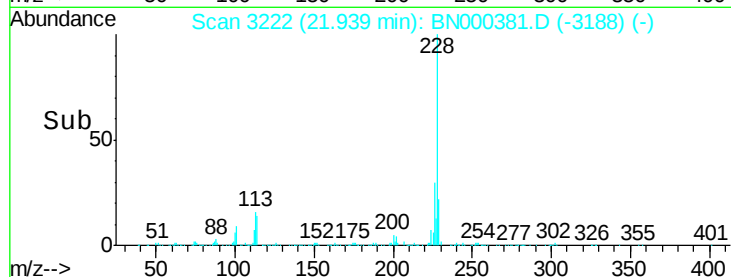
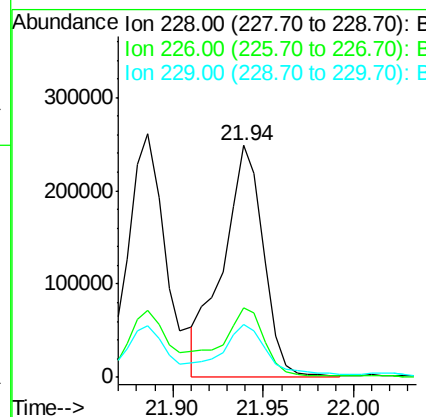
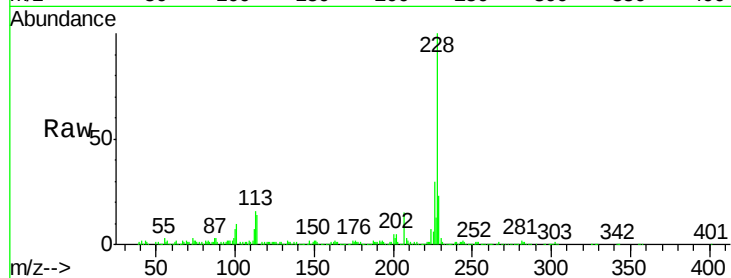
ClientSampleId :

DAME2

Tgt Ion:	228	Resp:	391934
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.5	36.7
229	22.6	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 8.793 ng/ul m

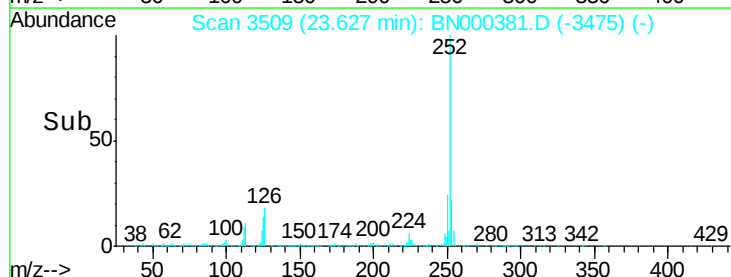
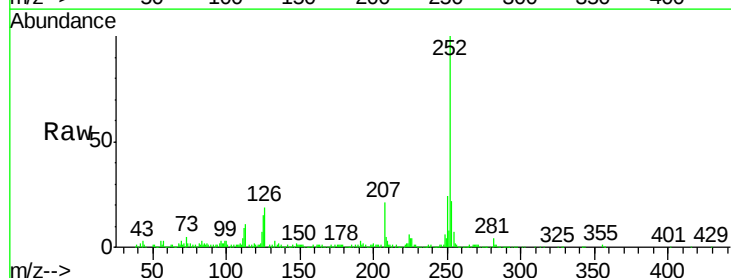
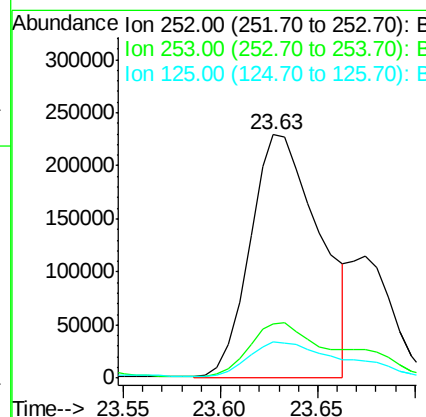
RT: 23.63 min Scan# 3509

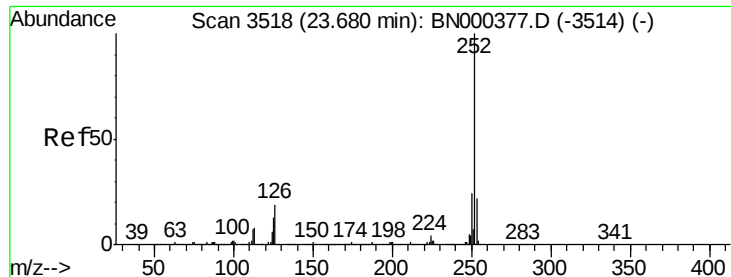
Delta R.T. 0.00 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Tgt Ion:	252	Resp:	570978
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	15.0	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.748 ng/u1 m

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Instrument :

BNA_N

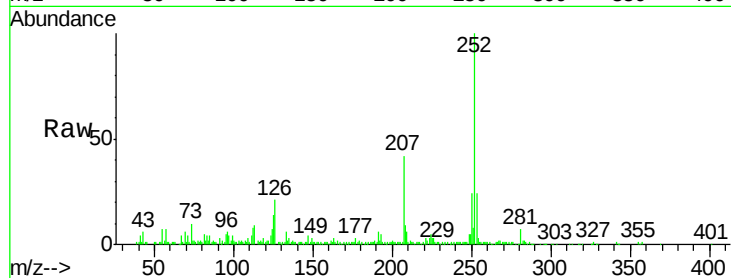
ClientSampled :

DAME2

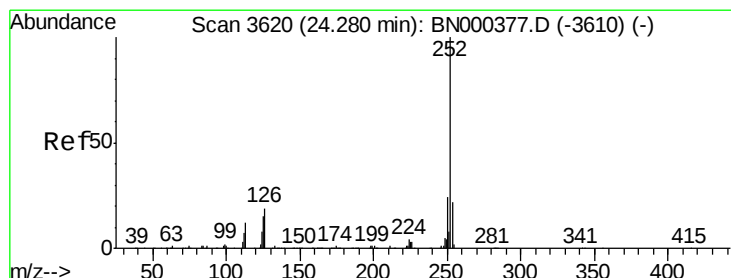
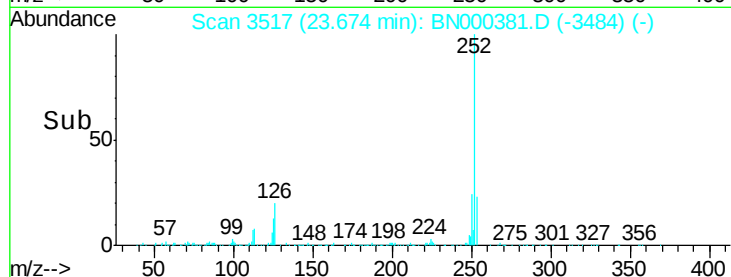
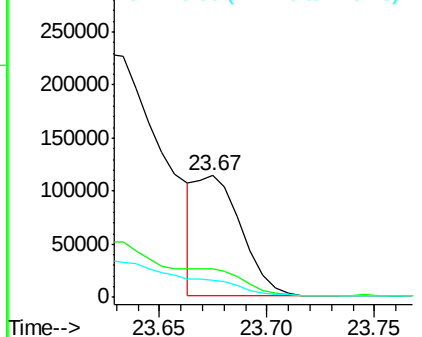
Tgt	Ion	252	Resp:	167051
	Ratio		Lower	Upper
252	100			
253	24.0	18.0	27.0	
125	14.3	8.1	12.1	#

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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



#26

Benzo(a)pyrene

Concen: 5.236 ng/u1

RT: 24.28 min Scan# 3620

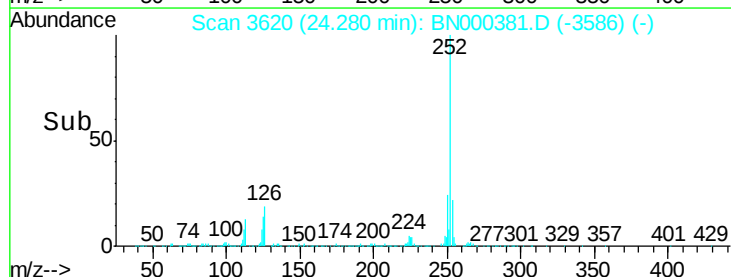
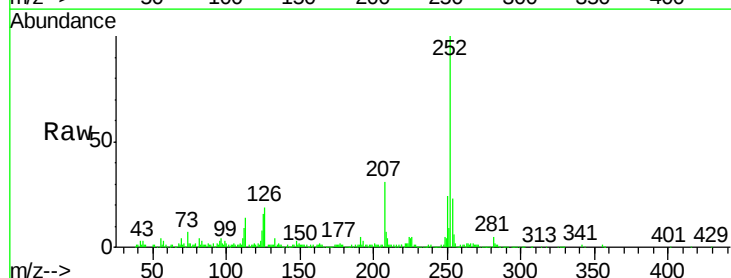
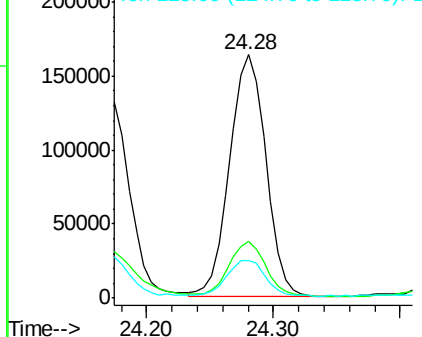
Delta R.T. 0.00 min

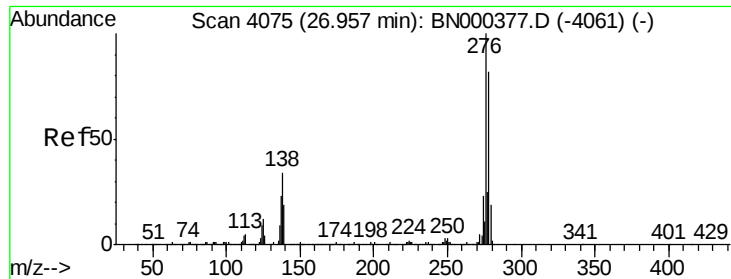
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Tgt	Ion	252	Resp:	323555
	Ratio		Lower	Upper
252	100			
253	23.4	17.2	25.8	
125	15.5	8.2	12.4	#

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





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.838 ng/ul

RT: 26.94 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BN000381.D

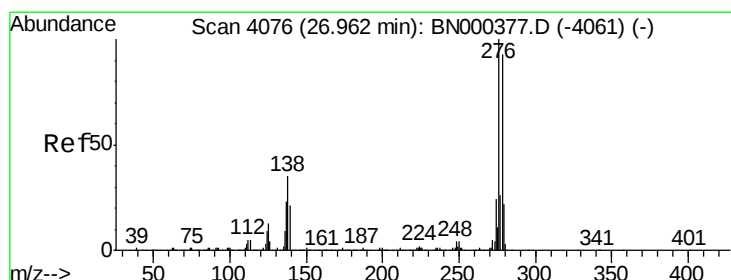
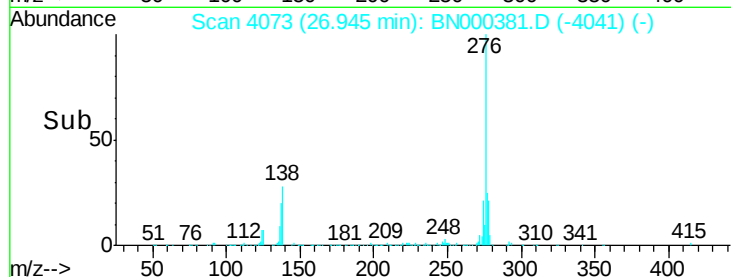
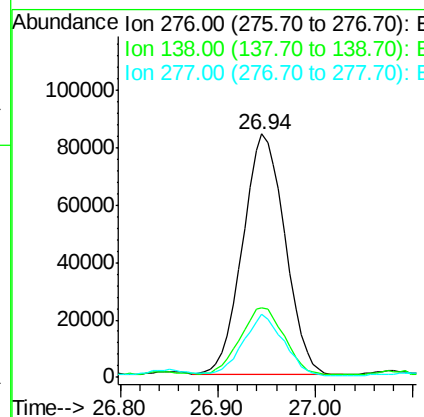
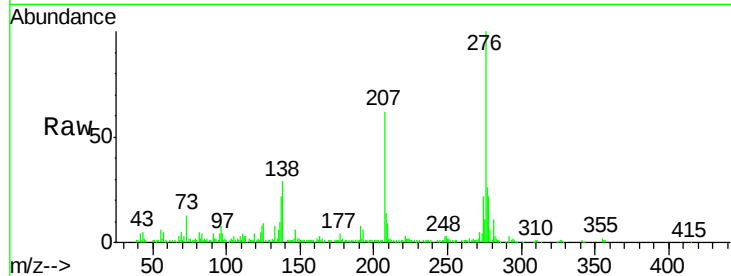
Acq: 14 Mar 2018 19:06

Instrument :
BNA_N
ClientSampled :
DAME2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	14.4	21.6#
277	25.8	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.237 ng/ul

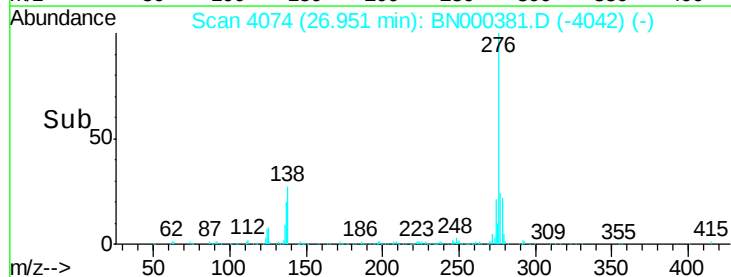
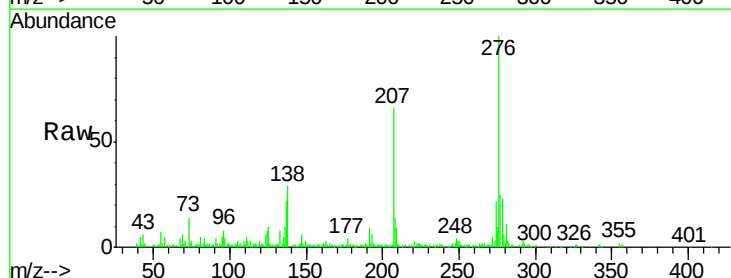
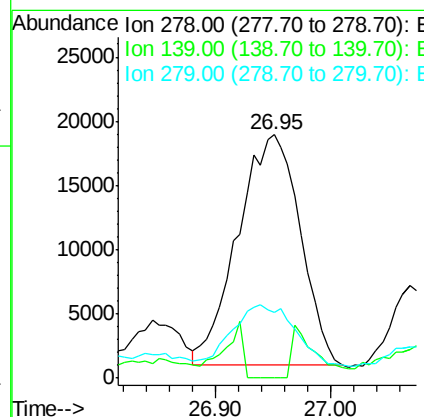
RT: 26.95 min Scan# 4074

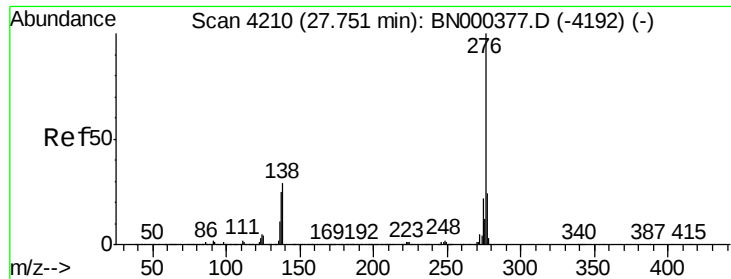
Delta R.T. -0.01 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.9	19.2	28.8





#29

Benzo(g,h,i)perylene

Concen: 3.909 ng/ul

RT: 27.74 min Scan# 4208

Delta R.T. -0.01 min

Lab File: BN000381.D

Acq: 14 Mar 2018 19:06

Instrument :

BNA_N

ClientSampleId :

DAME2

Tgt	Ion	276	Resp:	217514
	Ratio	100	Lower	Upper
	276	100		
	138	31.4	15.3	22.9#
	277	23.3	19.0	28.4

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