

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000384.D
 Acq On : 14 Mar 2018 20:50
 Operator : JU/SJ
 Sample : J1866-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MS

Manual Integrations
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Quant Time: Mar 15 07:30:46 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	183405	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	902466	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	520368	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1206109	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1199734	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1098463	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1690340	32.73	ng/ul	0.00
10) Fluorene-d10	16.04	176	1131811	32.36	ng/ul	0.00
14) Anthracene-d10	17.88	188	1831236	32.50	ng/ul	0.00
18) Pyrene-d10	20.14	212	2090554	35.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1641622	32.73	ng/ul	0.00
Target Compounds						
9) Acenaphthene	15.13	153	1045937	28.955	ng/ul	96
13) Phenanthrene	17.83	178	171438	2.479	ng/ul	99
16) Fluoranthene	19.80	202	389451	5.211	ng/ul#	95
19) Pyrene	20.17	202	2795797	36.910	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	210692m	2.825	ng/ul	
21) Chrysene	21.94	228	207972m	2.938	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	256586m	3.917	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	78986m	1.288	ng/ul	
26) Benzo(a)pyrene	24.28	252	164174	2.633	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.95	276	104661	1.557	ng/ul#	86
29) Benzo(g,h,i)perylene	27.74	276	113792	2.028	ng/ul#	84

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

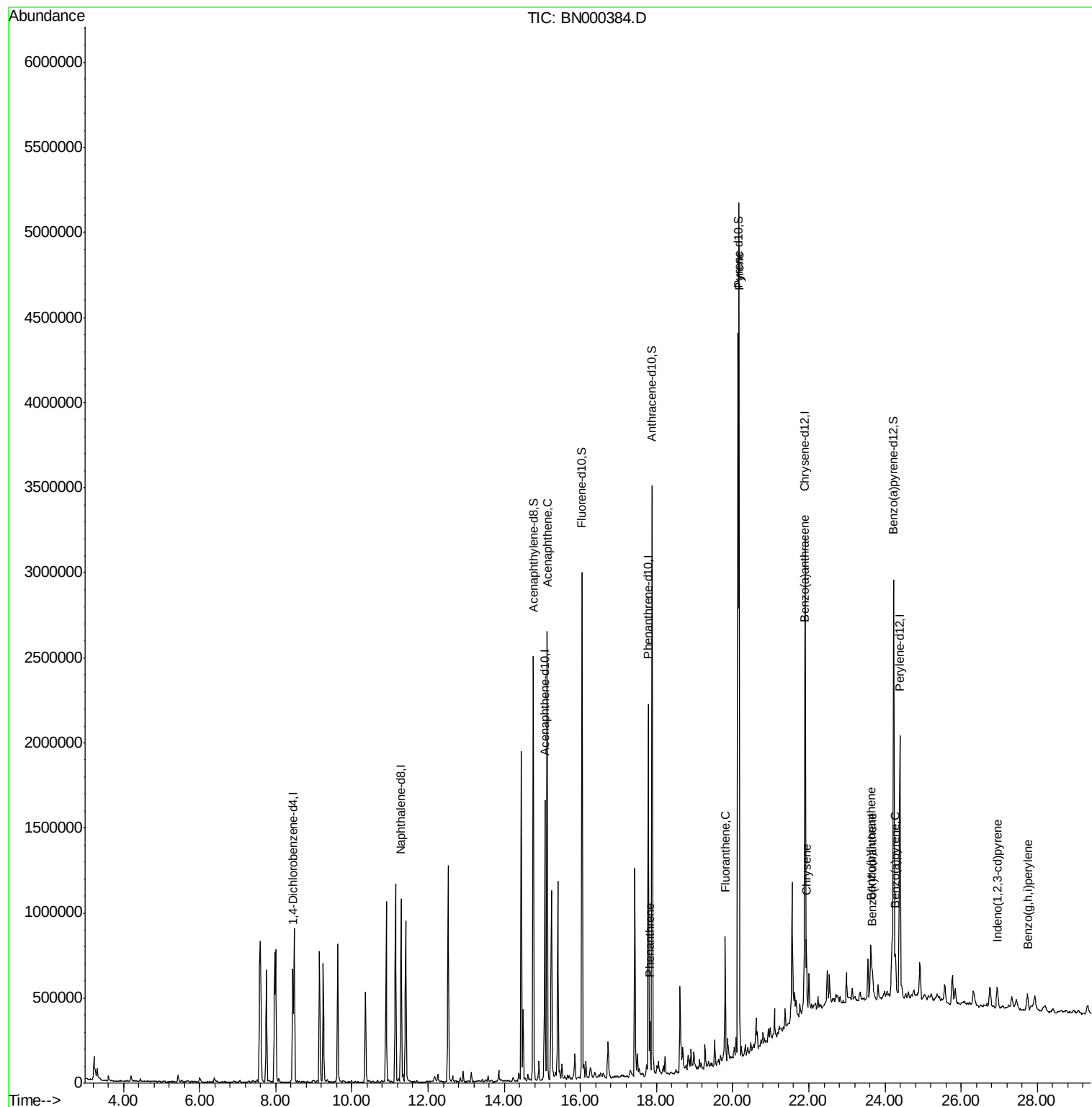
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000384.D
Acq On : 14 Mar 2018 20:50
Operator : JU/SJ
Sample : J1866-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

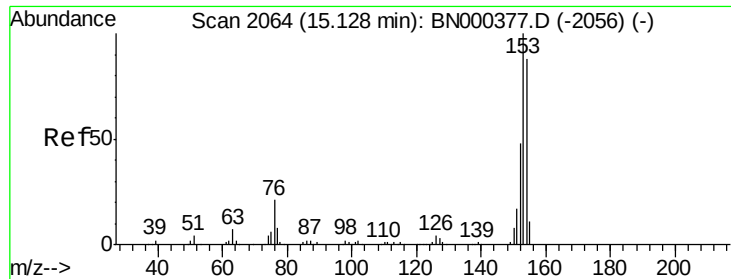
Instrument :
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DAME9MS

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Quant Time: Mar 15 07:30:46 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





#9

Acenaphthene

Concen: 28.955 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BN000384.D

Acq: 14 Mar 2018 20:50

Instrument :

BNA_N

ClientSampleId :

DAME9MS

Tgt Ion:153 Resp: 1045937

Ion Ratio Lower Upper

153 100

152 47.2 39.0 58.6

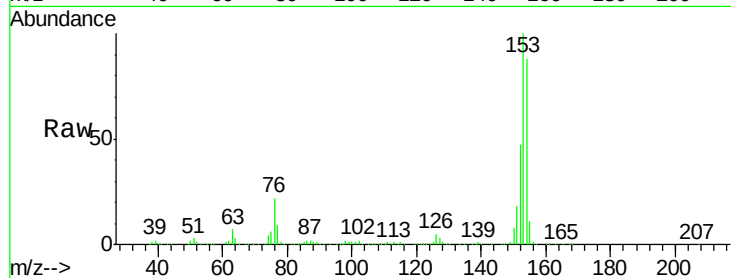
154 88.4 66.8 100.2

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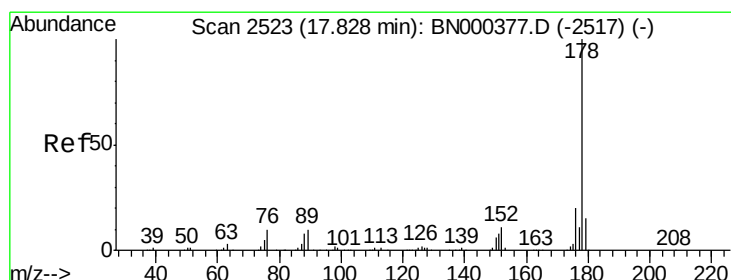
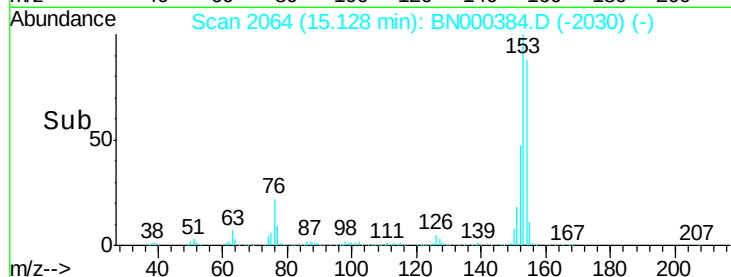
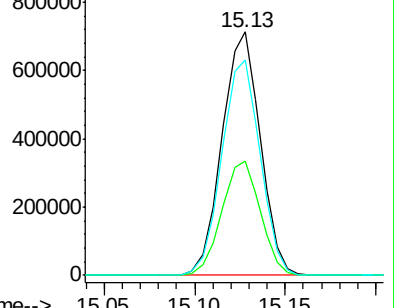
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 2.479 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN000384.D

Acq: 14 Mar 2018 20:50

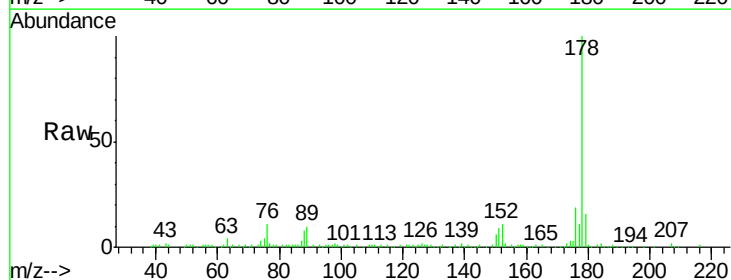
Tgt Ion:178 Resp: 171438

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

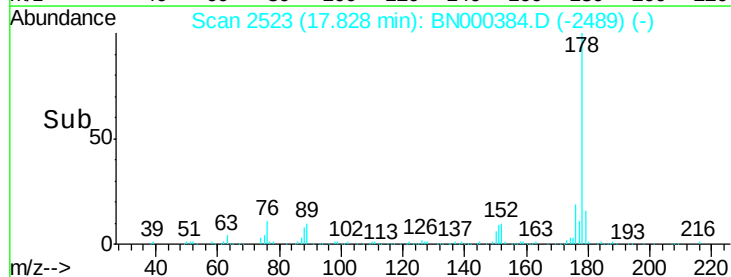
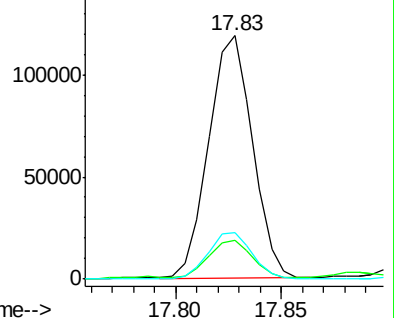
176 19.0 15.1 22.7

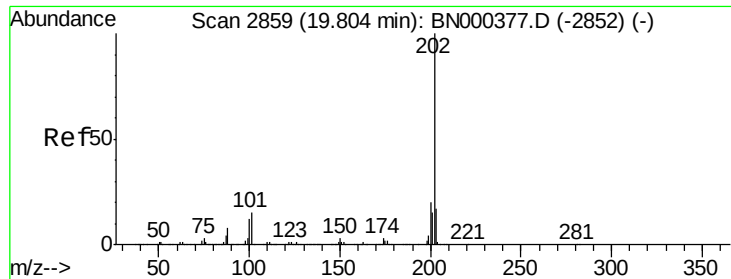


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





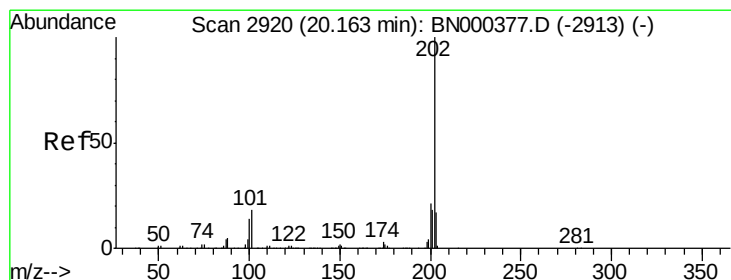
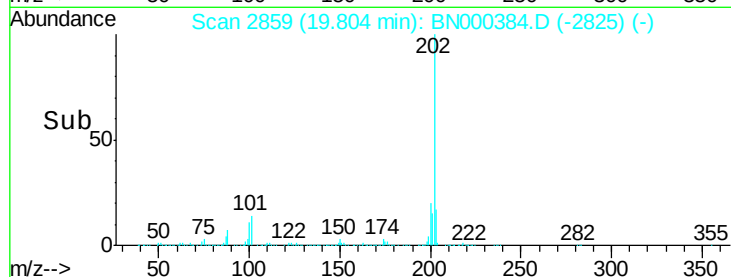
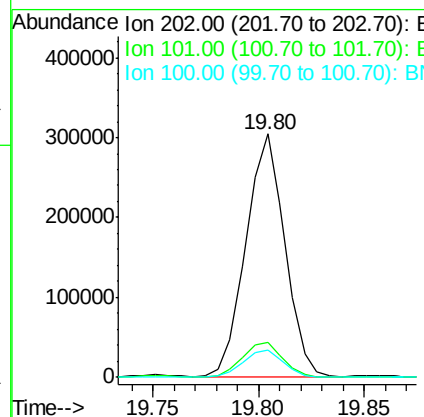
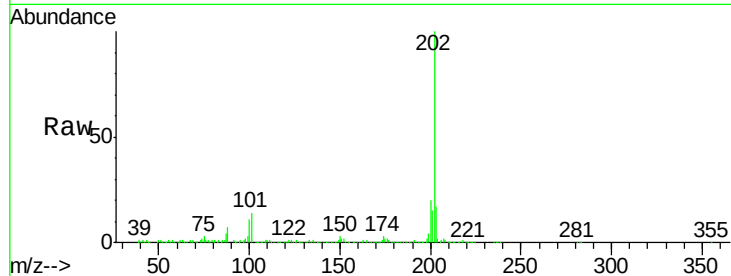
#16
Fluoranthene
 Concen: 5.211 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: BN000384.D
 Acq: 14 Mar 2018 20:50

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.3	9.9	14.9
100	11.1	7.4	11.0

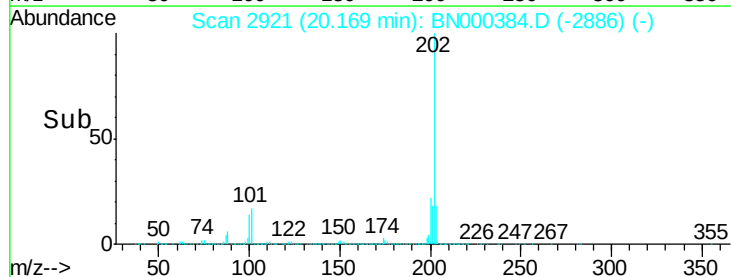
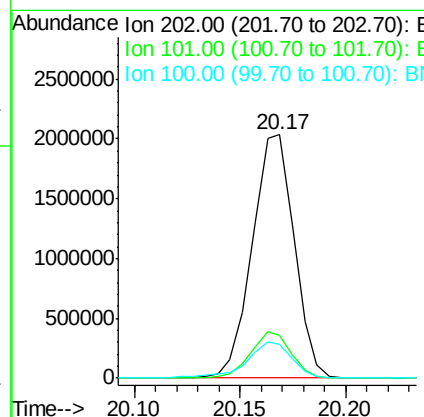
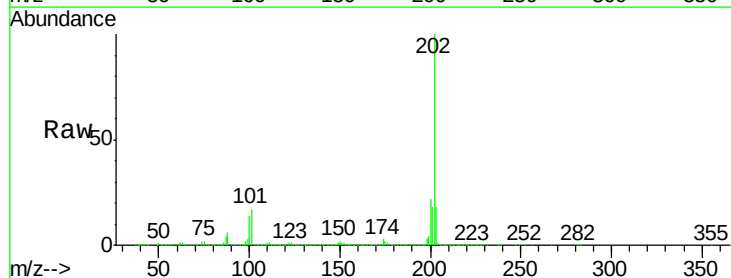
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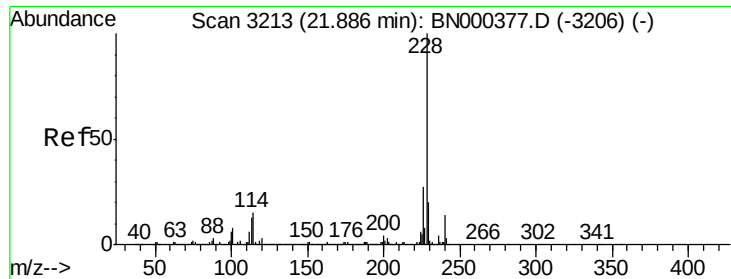
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#19
Pyrene
 Concen: 36.910 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000384.D
 Acq: 14 Mar 2018 20:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.3	11.0	16.4
100	14.1	8.1	12.1





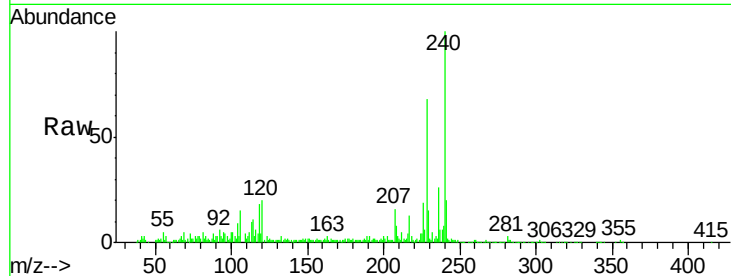
#20
Benzo(a)anthracene
Concen: 2.825 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BN000384.D
Acq: 14 Mar 2018 20:50

Instrument :
BNA_N
ClientSampleId :
DAME9MS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	210692		
229	21.8	15.7	23.5	
226	28.7	21.1	31.7	

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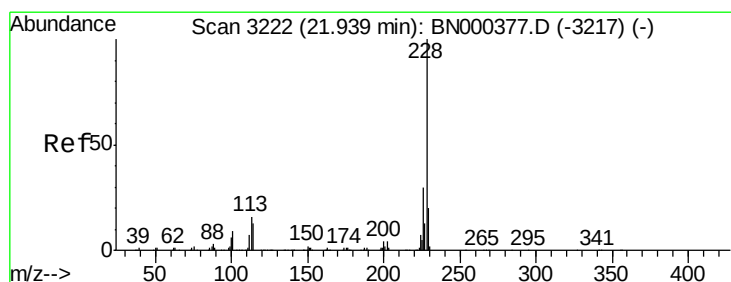
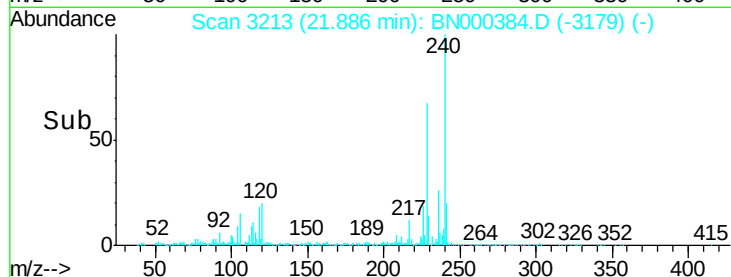
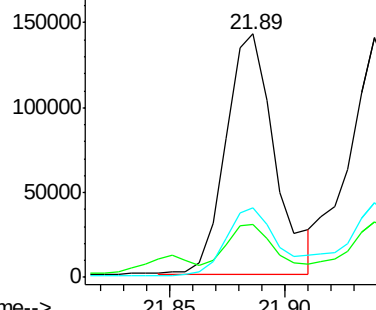


Abundance

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



#21
Chrysene
Concen: 2.938 ng/ul m
RT: 21.94 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BN000384.D
Acq: 14 Mar 2018 20:50

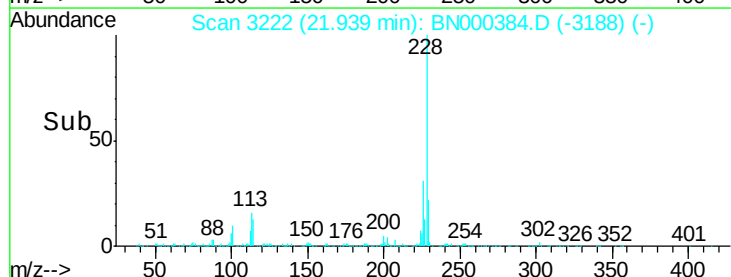
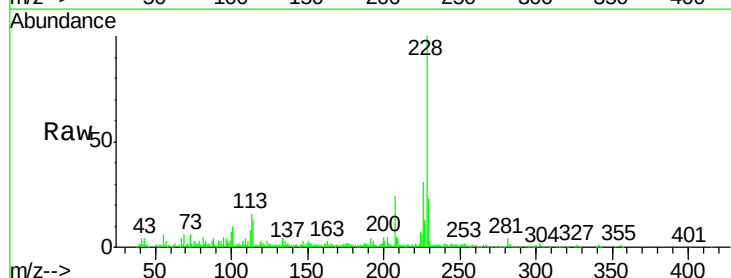
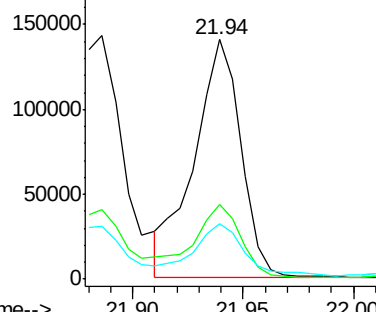
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	207972		
226	31.0	24.5	36.7	
229	23.0	15.8	23.8	

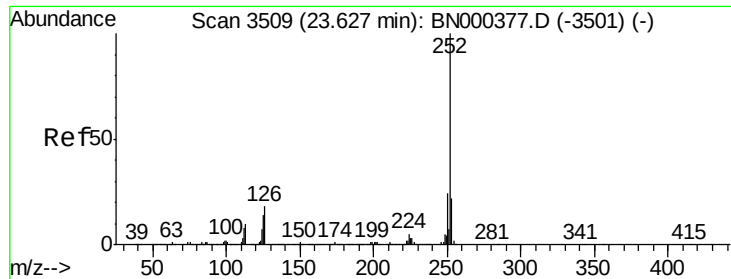
Abundance

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





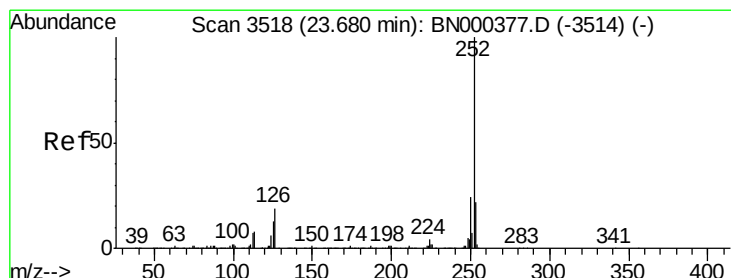
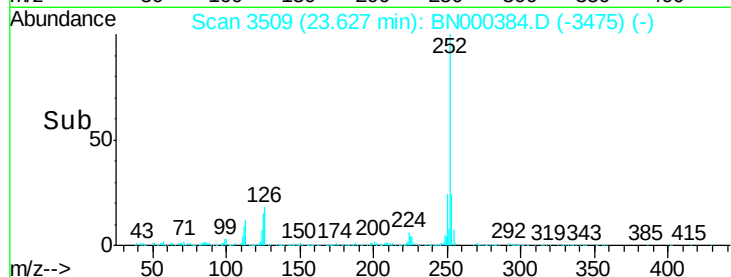
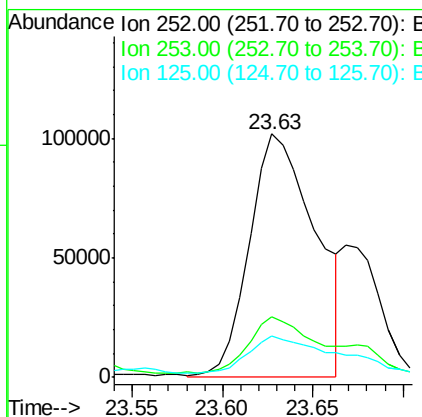
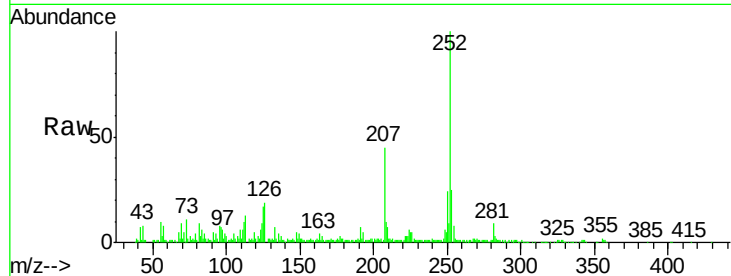
#23
Benzo(b)fluoranthene
Concen: 3.917 ng/ul m
RT: 23.63 min Scan# 3509
Delta R.T. 0.00 min
Lab File: BN000384.D
Acq: 14 Mar 2018 20:50

Instrument :
BNA_N
ClientSampled :
DAME9MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	18.0	27.0
125	17.1	8.0	12.0#

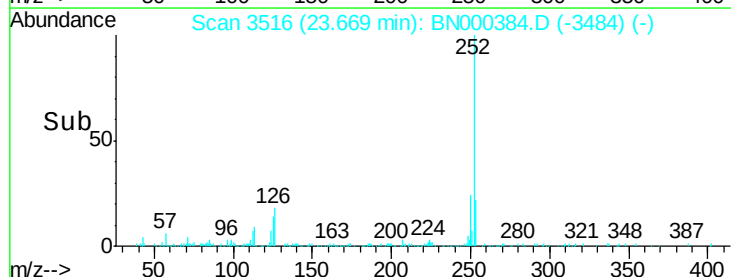
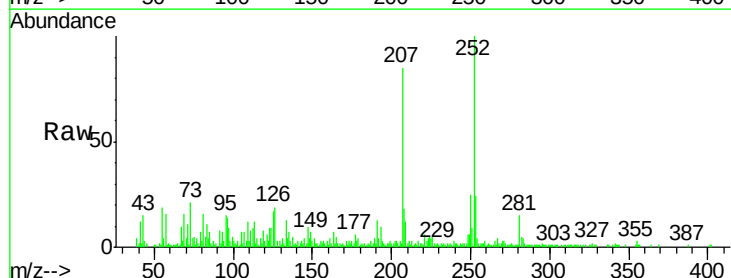
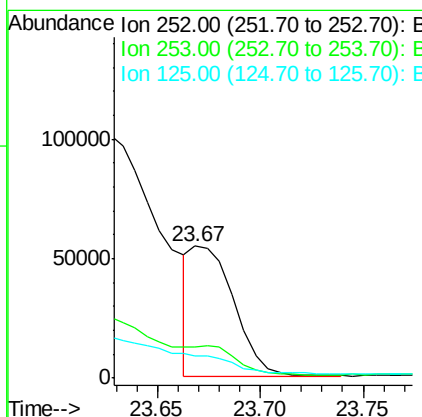
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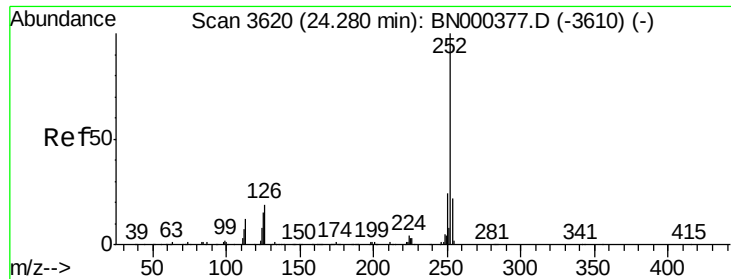
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#24
Benzo(k)fluoranthene
Concen: 1.288 ng/ul m
RT: 23.67 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BN000384.D
Acq: 14 Mar 2018 20:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	18.0	27.0
125	17.1	8.1	12.1#





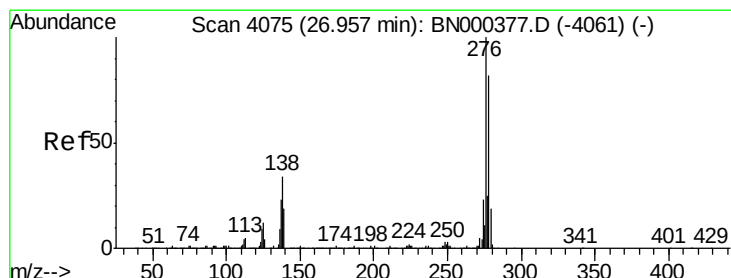
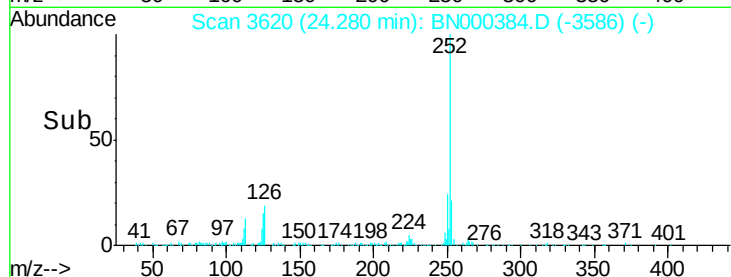
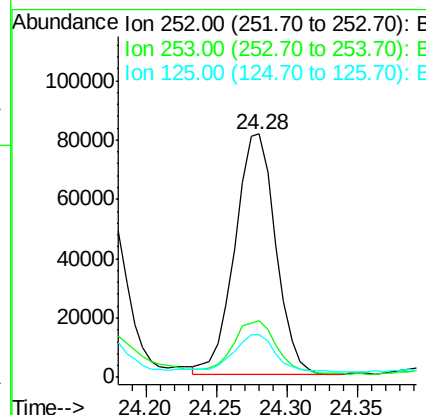
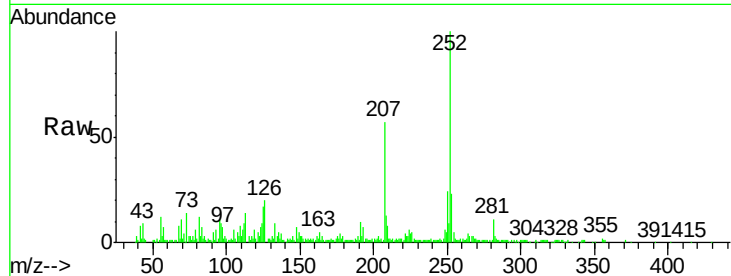
#26
Benzo(a)pyrene
Concen: 2.633 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BN000384.D
Acq: 14 Mar 2018 20:50

Instrument :
BNA_N
ClientSampled :
DAME9MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.2	25.8
125	17.5	8.2	12.4

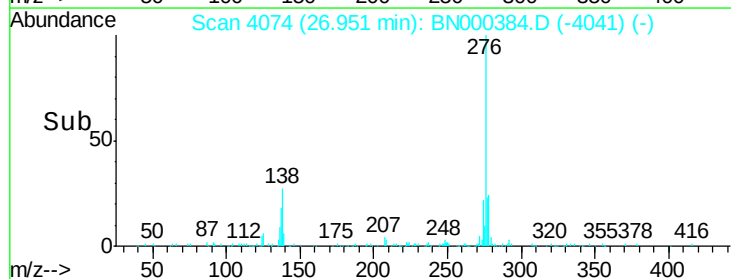
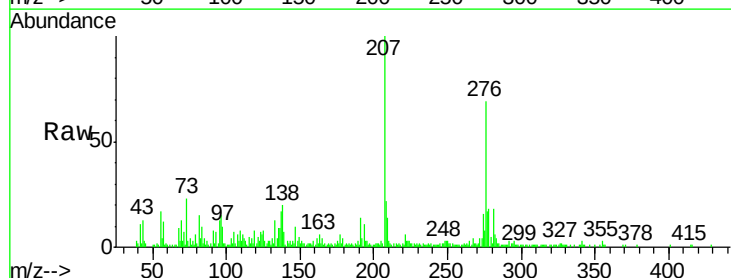
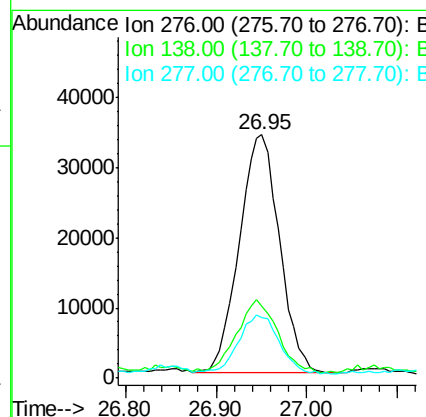
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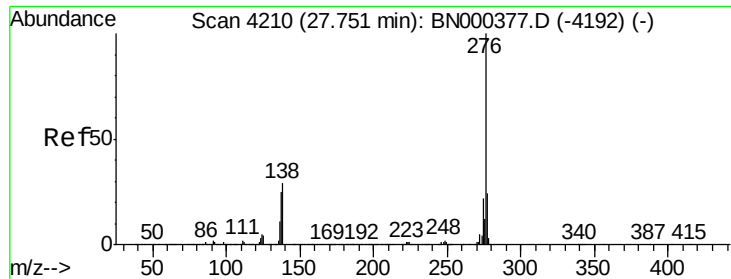
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.557 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000384.D
Acq: 14 Mar 2018 20:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.4	14.4	21.6
277	25.0	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 2.028 ng/ul

RT: 27.74 min Scan# 4208

Delta R.T. -0.01 min

Lab File: BN000384.D

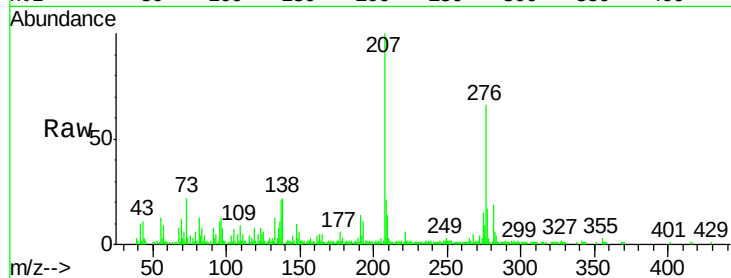
Acq: 14 Mar 2018 20:50

Instrument :

BNA_N

ClientSampleId :

DAME9MS



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	33.1	15.3	22.9#	
277	25.9	19.0	28.4	

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