

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000390.D
 Acq On : 15 Mar 2018 00:17
 Operator : JU/SJ
 Sample : J1866-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MSD

Manual Integrations
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Quant Time: Mar 15 07:46:22 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	341887	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1619073	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	894659	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1857127	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1490457	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1340315	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	3032708	34.15	ng/ul	0.00
10) Fluorene-d10	16.04	176	1967909	32.73	ng/ul	0.00
14) Anthracene-d10	17.89	188	2983334	34.38	ng/ul	0.00
18) Pyrene-d10	20.14	212	2955179	40.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2119029	34.62	ng/ul	0.00
Target Compounds						
4) 2-Methylnaphthalene	12.92	142	63149	1.050	ng/ul	95
9) Acenaphthene	15.13	153	1968243	31.692	ng/ul	95
13) Phenanthrene	17.83	178	351398	3.299	ng/ul	100
16) Fluoranthene	19.80	202	753928	6.552	ng/ul#	92
19) Pyrene	20.17	202	4247922	45.142	ng/ul#	87
20) Benzo(a)anthracene	21.89	228	351103m	3.789	ng/ul	
21) Chrysene	21.94	228	365587m	4.158	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	440448	5.511	ng/ul#	95
24) Benzo(k)fluoranthene	23.67	252	113542m	1.518	ng/ul	
26) Benzo(a)pyrene	24.28	252	269710	3.546	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.96	276	175126	2.135	ng/ul#	83
29) Benzo(g,h,i)perylene	27.74	276	186878	2.729	ng/ul#	90

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

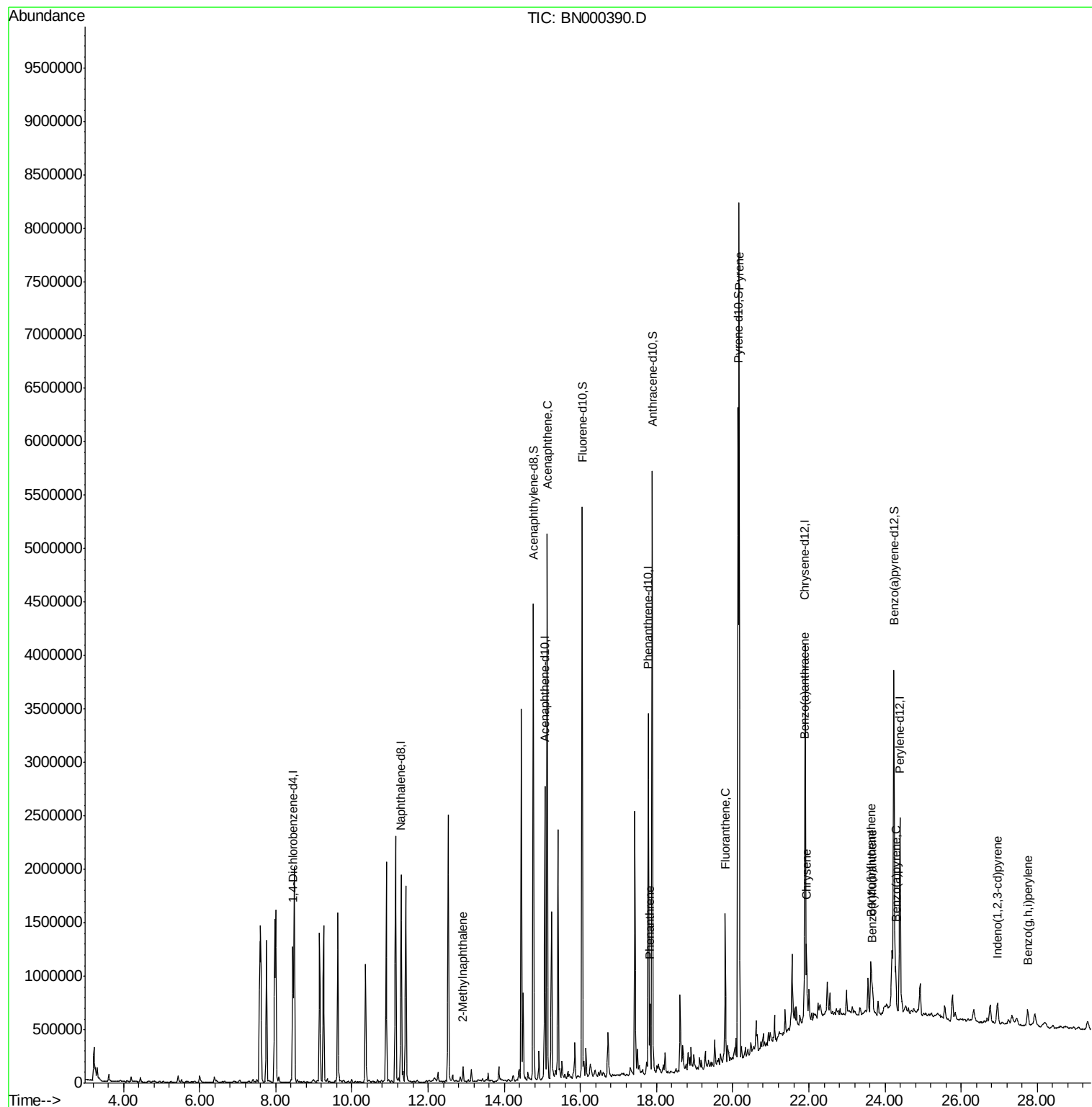
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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ALS Vial : 26 Sample Multiplier: 1

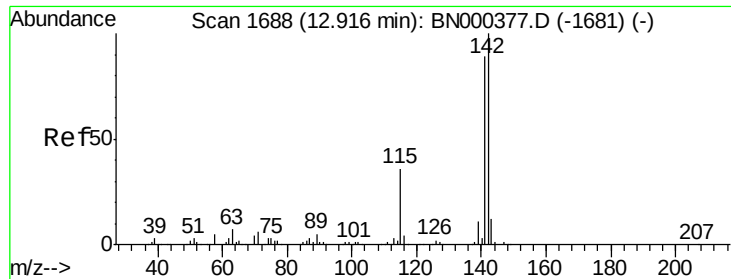
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Quant Title : SVOA CALIBRATION
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#4

2-Methylnaphthalene

Concen: 1.050 ng/ul

RT: 12.92 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BN000390.D

Acq: 15 Mar 2018 00:17

Instrument :

BNA_N

ClientSampleId :

DAME9MSD

Tgt Ion:142 Resp: 63149

Ion Ratio Lower Upper

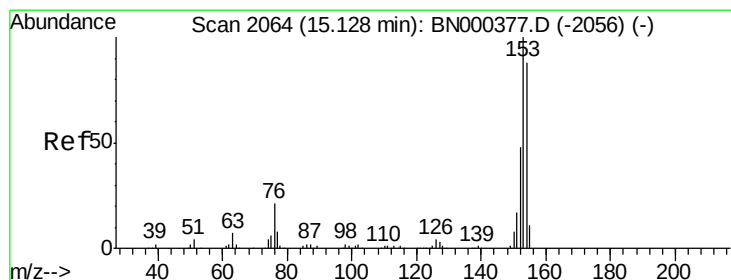
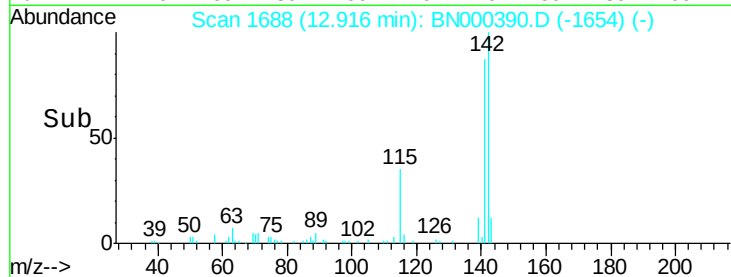
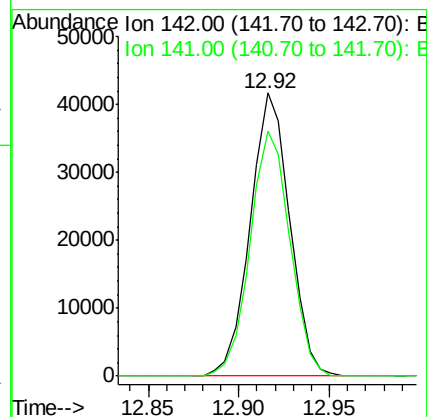
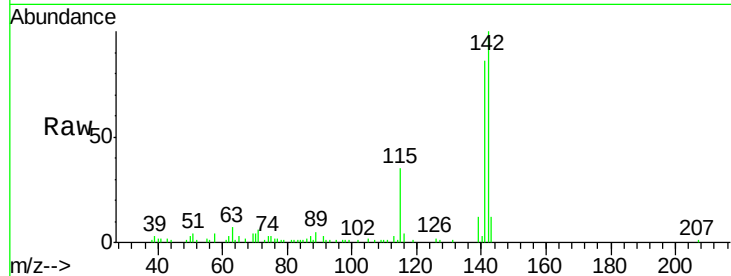
142 100

141 86.4 72.7 109.1

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#9

Acenaphthene

Concen: 31.692 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BN000390.D

Acq: 15 Mar 2018 00:17

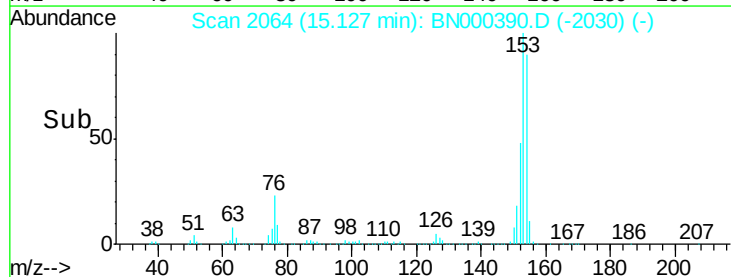
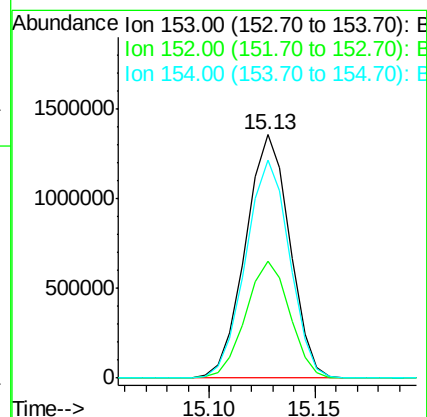
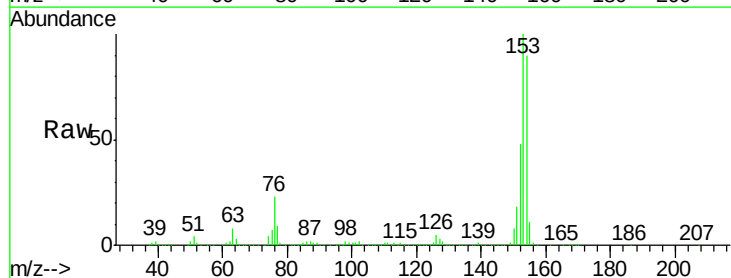
Tgt Ion:153 Resp: 1968243

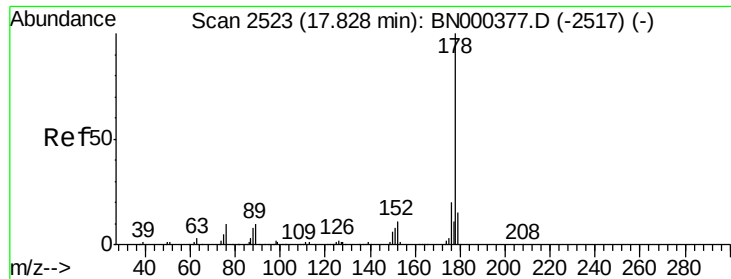
Ion Ratio Lower Upper

153 100

152 48.2 39.0 58.6

154 89.5 66.8 100.2





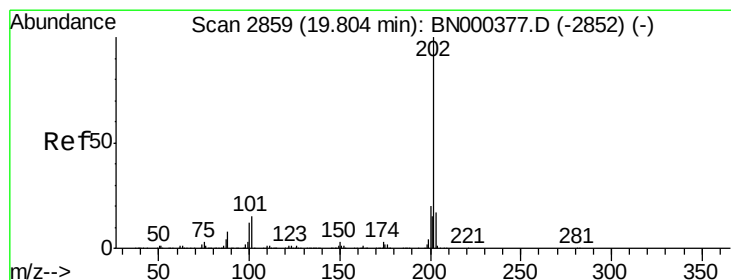
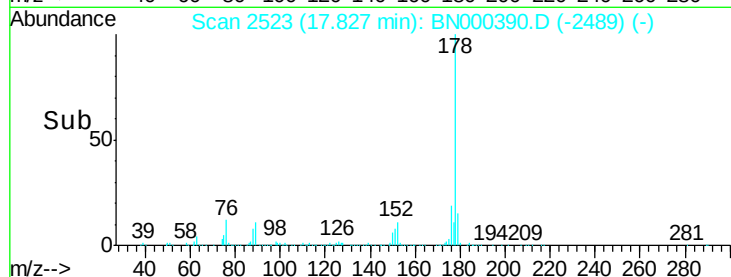
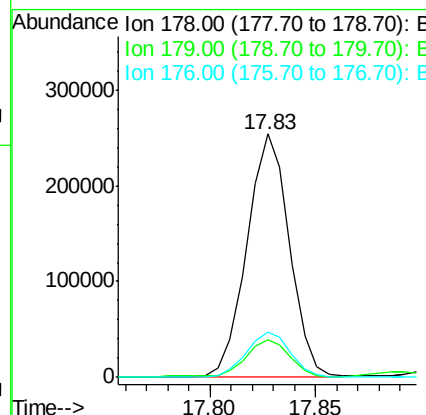
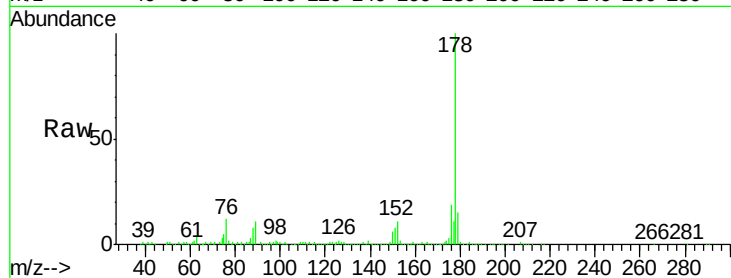
#13
Phenanthrene
Concen: 3.299 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000390.D
Acq: 15 Mar 2018 00:17

Instrument :
BNA_N
ClientSampleId :
DAME9MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	15.1	22.7

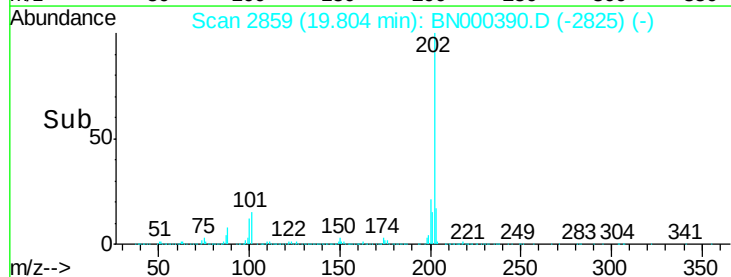
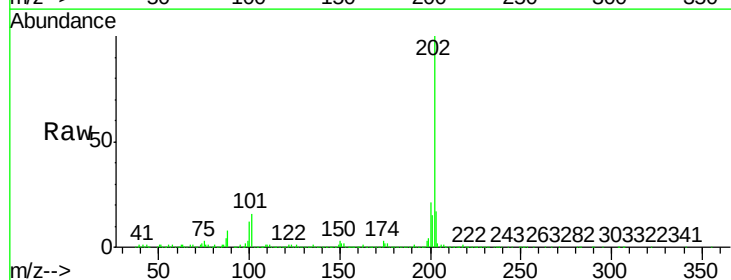
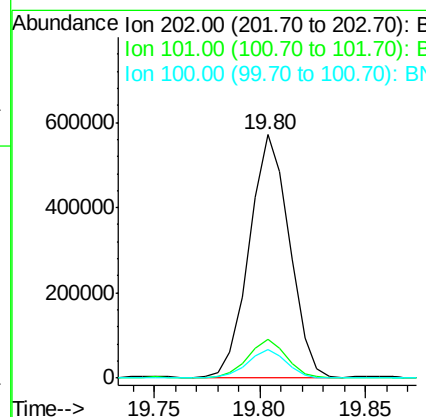
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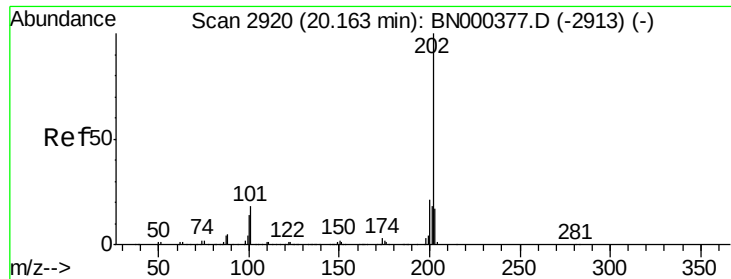
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#16
Fluoranthene
Concen: 6.552 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000390.D
Acq: 15 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.6	7.4	11.0#





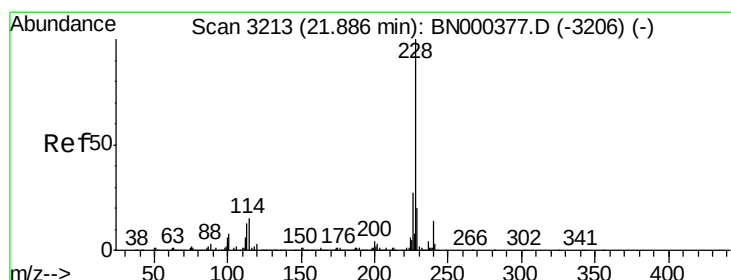
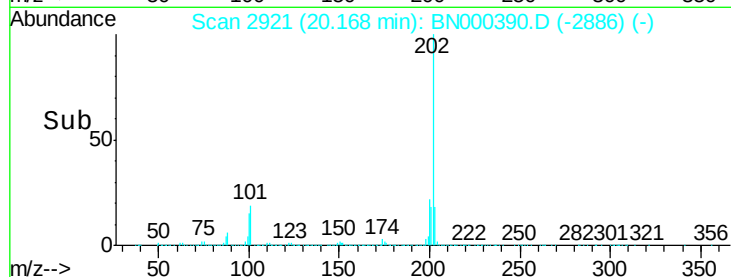
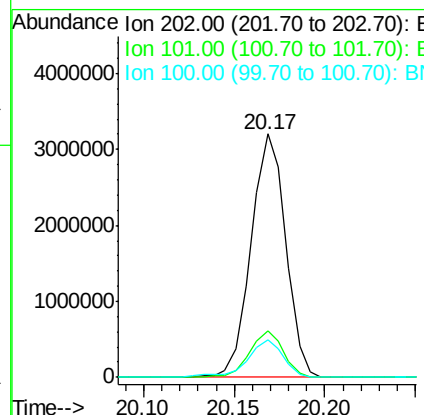
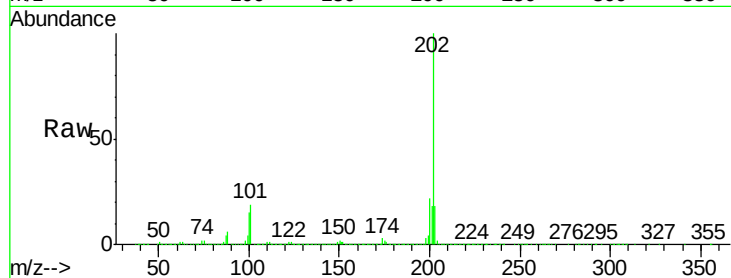
#19
 Pyrene
 Concen: 45.142 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000390.D
 Acq: 15 Mar 2018 00:17

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MSD

Tgt Ion:202 Resp: 4247922
 Ion Ratio Lower Upper
 202 100
 101 18.9 11.0 16.4#
 100 15.3 8.1 12.1#

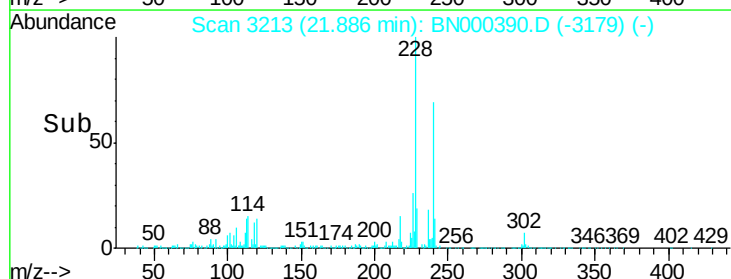
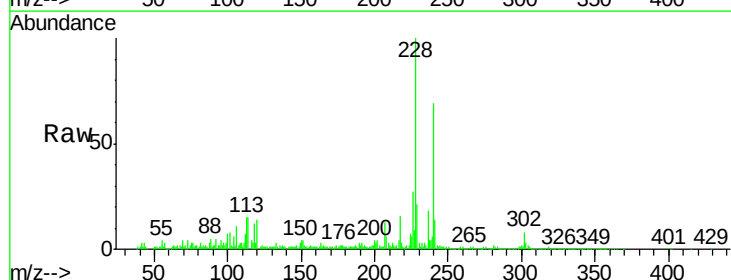
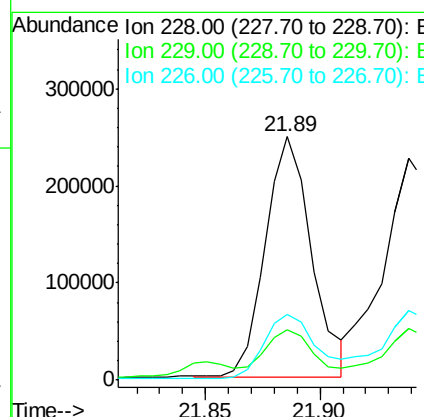
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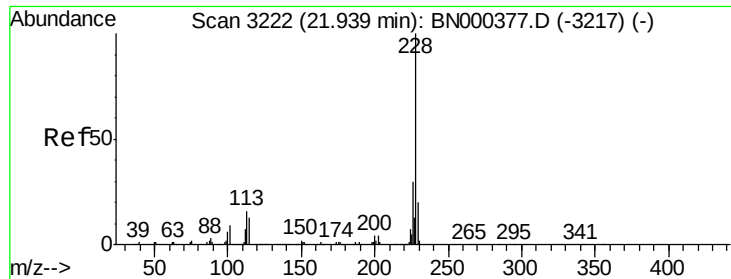
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#20
 Benzo(a)anthracene
 Concen: 3.789 ng/ul m
 RT: 21.89 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BN000390.D
 Acq: 15 Mar 2018 00:17

Tgt Ion:228 Resp: 351103
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.7 23.5
 226 26.8 21.1 31.7





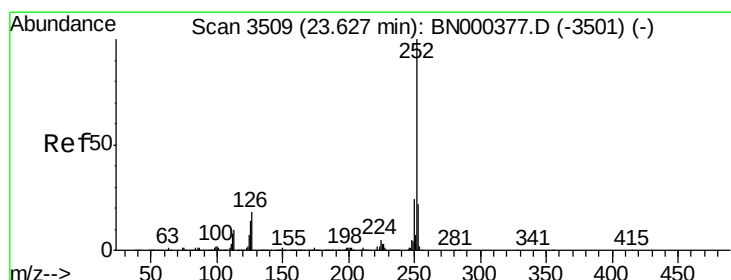
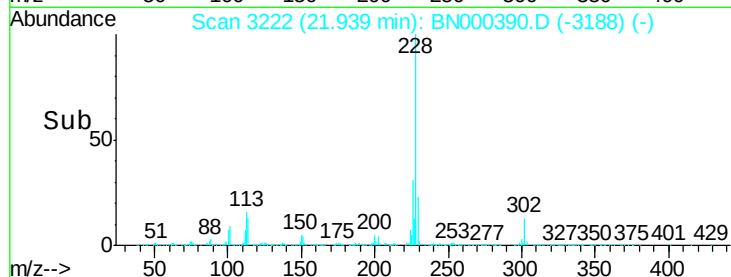
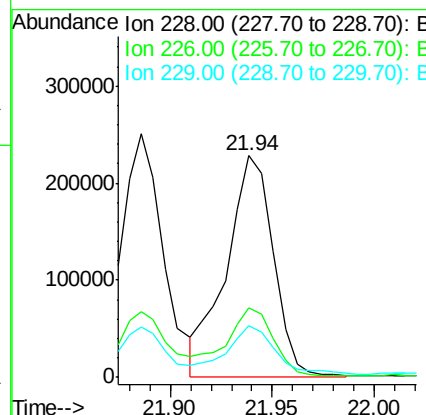
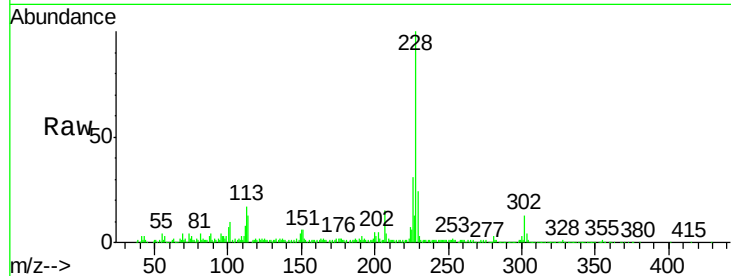
#21
Chrysene
 Concen: 4.158 ng/ul m
 RT: 21.94 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: BN000390.D
 Acq: 15 Mar 2018 00:17

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.6	15.8	23.8

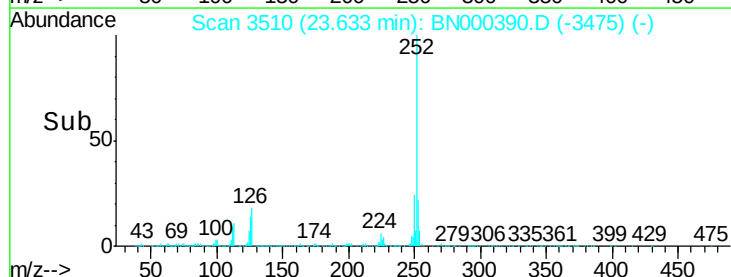
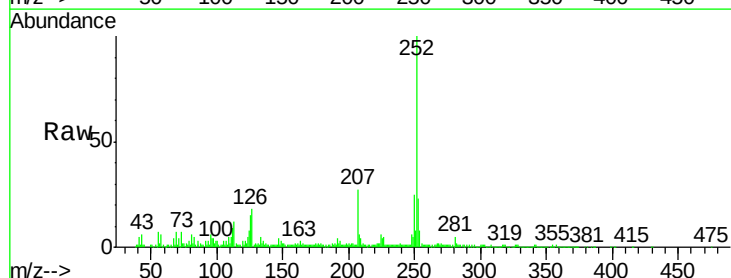
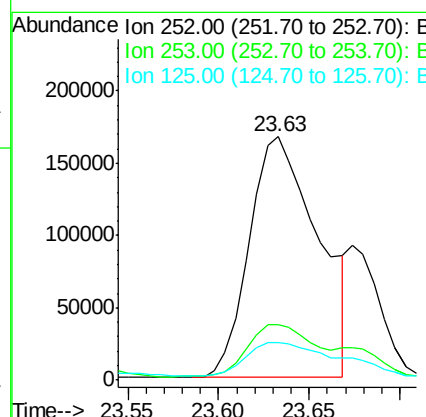
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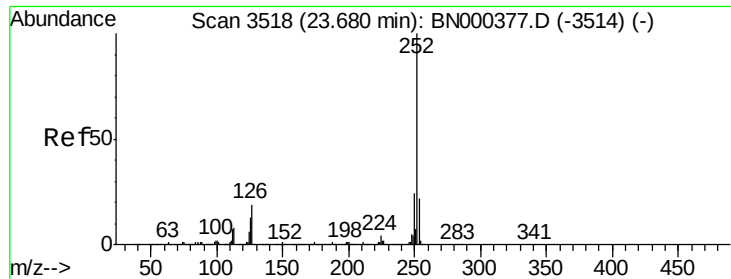
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#23
Benzo(b)fluoranthene
 Concen: 5.511 ng/ul
 RT: 23.63 min Scan# 3510
 Delta R.T. 0.01 min
 Lab File: BN000390.D
 Acq: 15 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	15.5	8.0	12.0





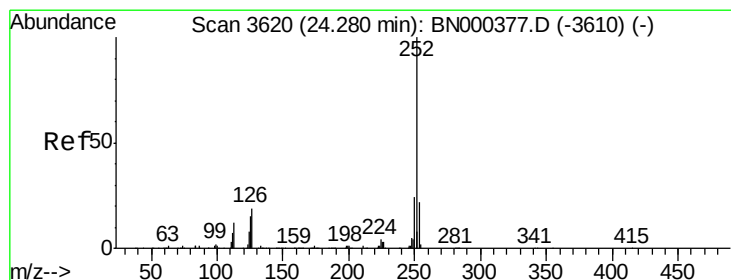
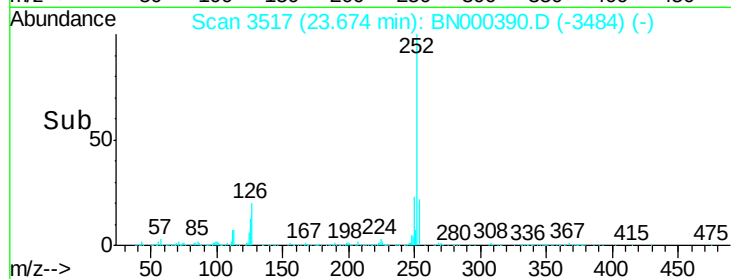
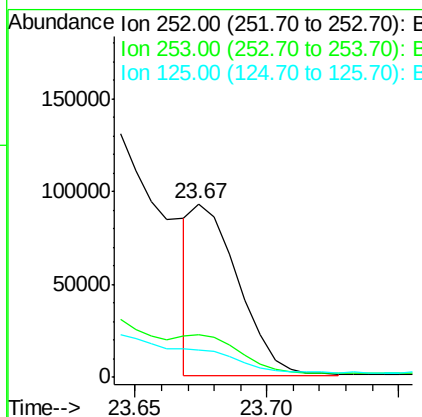
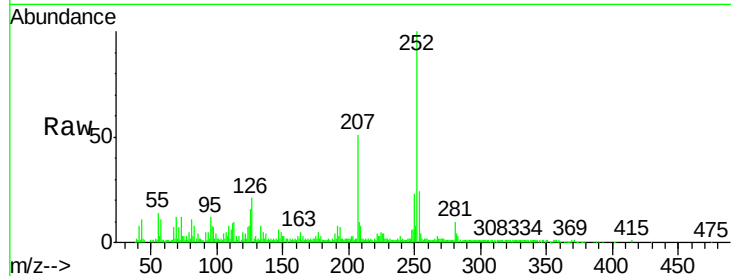
#24
Benzo(k)fluoranthene
Concen: 1.518 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000390.D
Acq: 15 Mar 2018 00:17

Instrument :
BNA_N
ClientSampleId :
DAME9MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	16.0	8.1	12.1

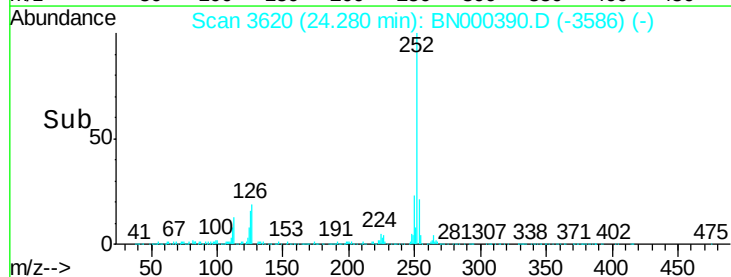
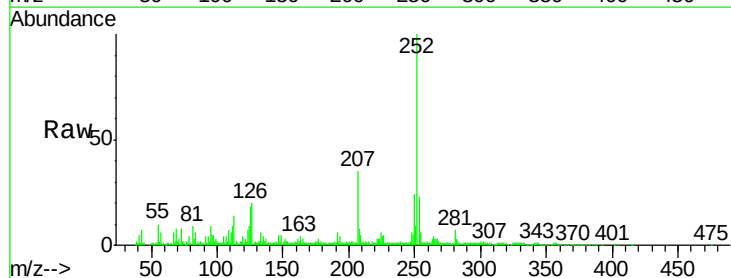
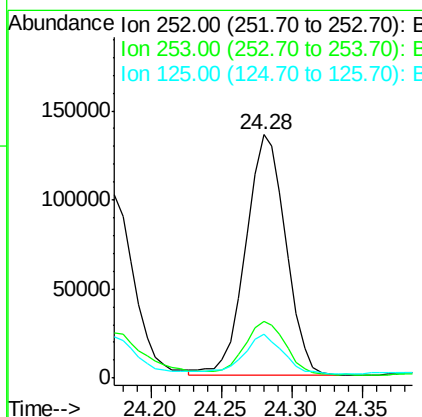
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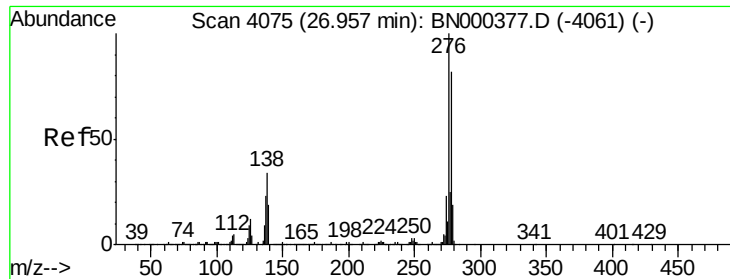
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#26
Benzo(a)pyrene
Concen: 3.546 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000390.D
Acq: 15 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	18.1	8.2	12.4





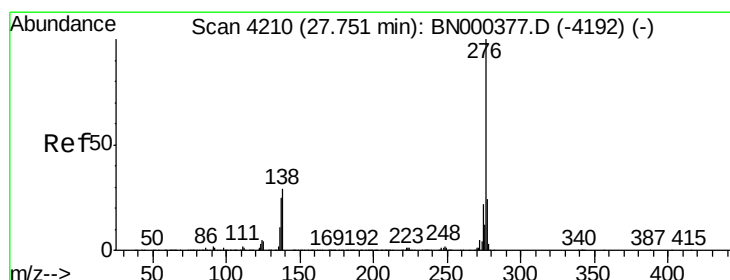
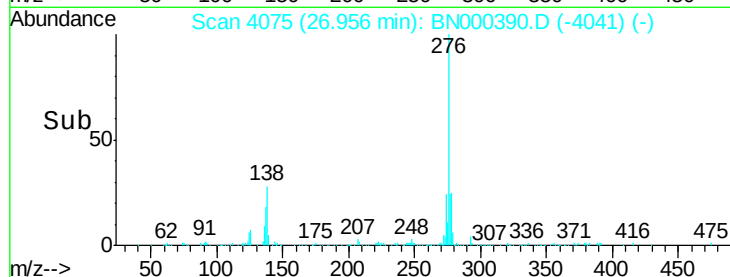
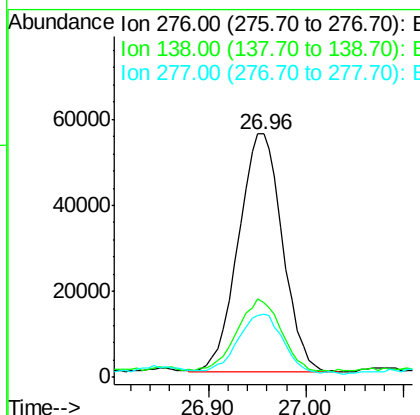
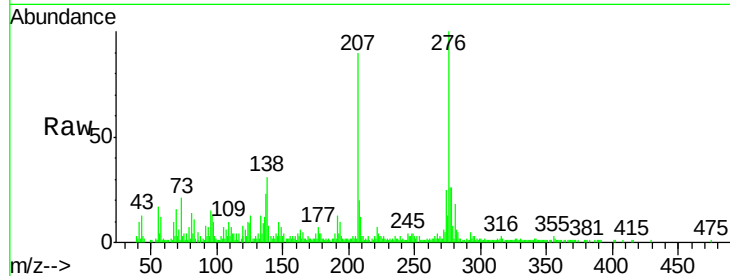
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.135 ng/ul
 RT: 26.96 min Scan# 4075
 Delta R.T. -0.00 min
 Lab File: BN000390.D
 Acq: 15 Mar 2018 00:17

Instrument :
 BNA_N
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	14.4	21.6#
277	26.0	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.729 ng/ul
 RT: 27.74 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: BN000390.D
 Acq: 15 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	15.3	22.9#
277	24.1	19.0	28.4

