

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000362.D
 Acq On : 13 Mar 2018 22:45
 Operator : JU/SJ
 Sample : J1843-12DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DAM69DL

Manual Integrations
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Quant Time: Mar 14 08:53:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	196738	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	933435	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	528708	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1196422	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1195029	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1146693	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	356298	6.79	ng/ul	0.00
10) Fluorene-d10	16.05	176	244792	6.89	ng/ul	0.00
14) Anthracene-d10	17.89	188	392642	7.02	ng/ul	0.00
18) Pyrene-d10	20.13	212	442327	7.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	364435	6.96	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	771496	15.662	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	136460	3.936	ng/ul	97
5) 1-Methylnaphthalene	13.13	142	74299	2.135	ng/ul	89
9) Acenaphthene	15.13	153	212263	5.783	ng/ul	96
11) Fluorene	16.10	166	281701	6.959	ng/ul	94
13) Phenanthrene	17.83	178	2427306	35.376	ng/ul	99
15) Anthracene	17.92	178	664205	9.540	ng/ul	99
16) Fluoranthene	19.81	202	2571606	34.688	ng/ul#	94
19) Pyrene	20.17	202	1939229	25.703	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	1092728m	14.709	ng/ul	
21) Chrysene	21.94	228	792938	11.247	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	1049086	15.342	ng/ul#	96
24) Benzo(k)fluoranthene	23.67	252	304798m	4.762	ng/ul	
26) Benzo(a)pyrene	24.28	252	673035	10.342	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	400974	5.714	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.95	278	110035	1.913	ng/ul#	78
29) Benzo(g,h,i)perylene	27.74	276	309864	5.289	ng/ul#	89

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

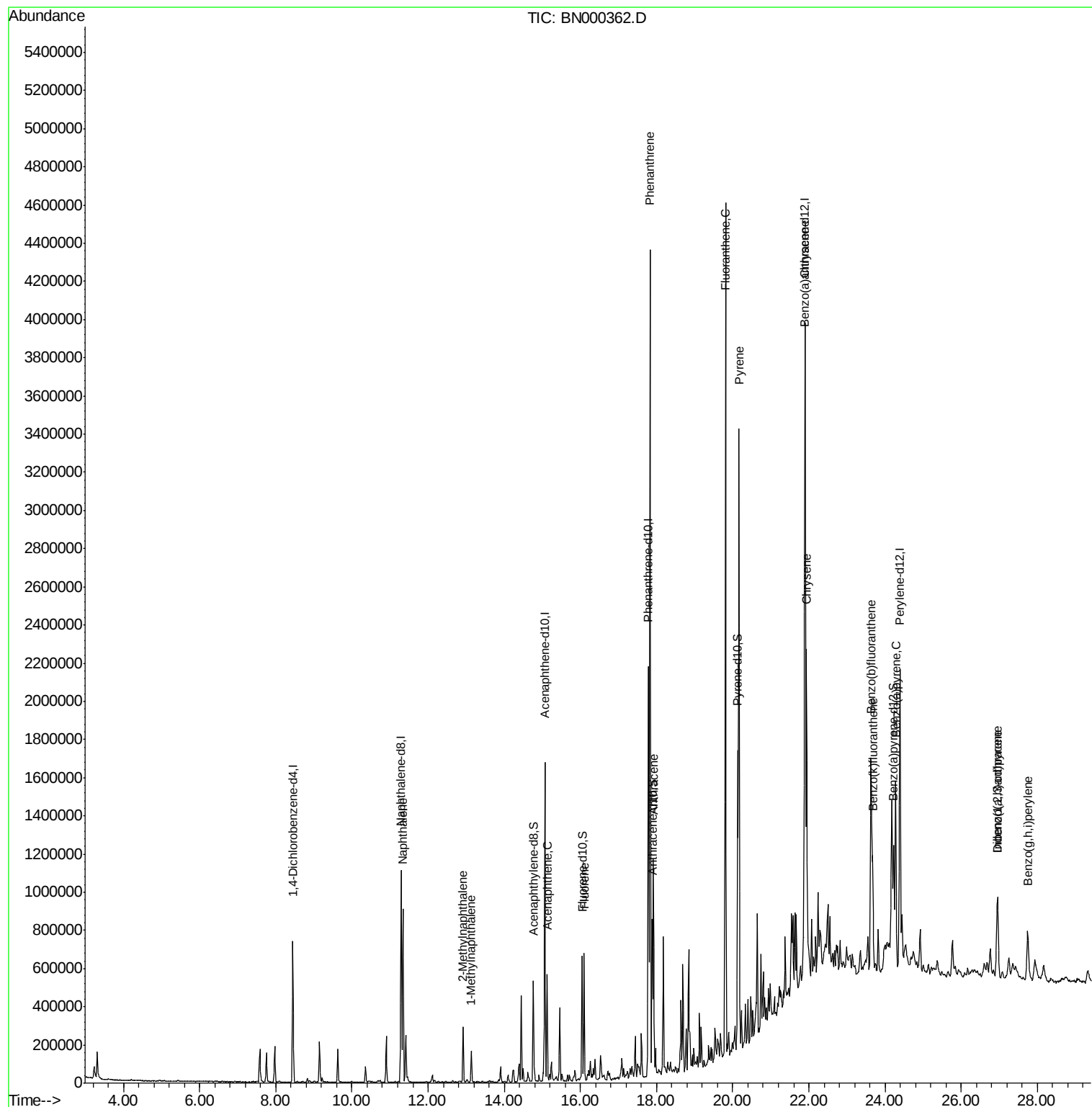
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
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ALS Vial : 25 Sample Multiplier: 1

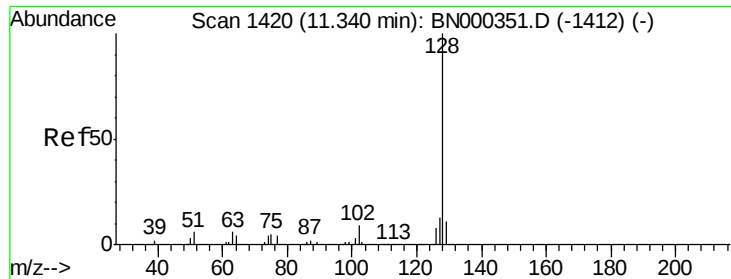
Instrument :
BNA_N
ClientSampleId :
DAM69DL

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Quant Time: Mar 14 08:53:43 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 15.662 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

Instrument :

BNA_N

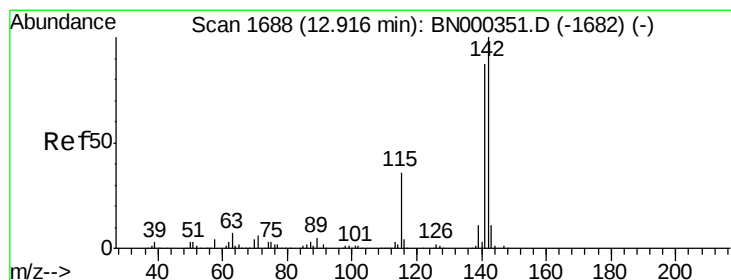
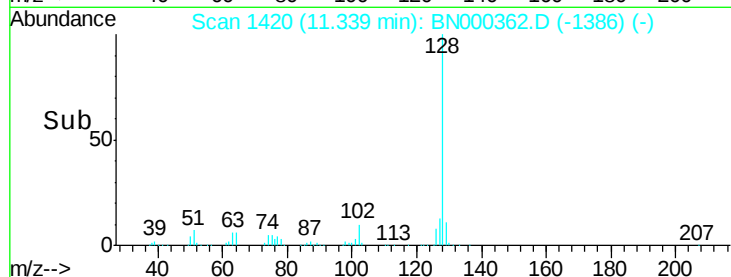
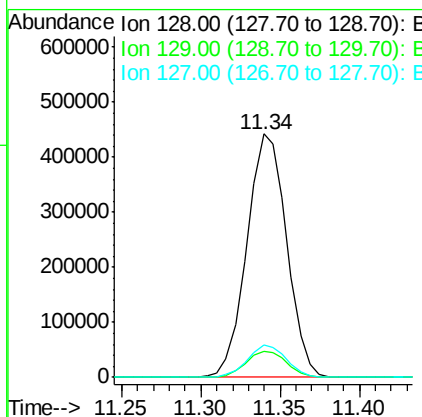
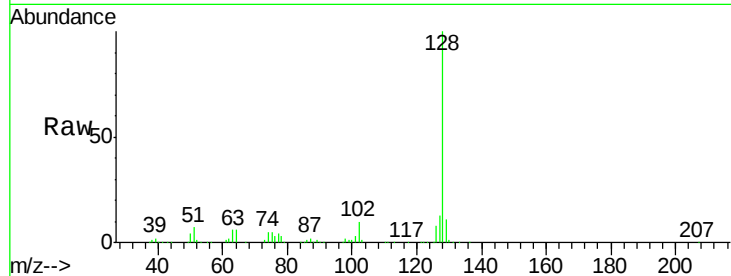
ClientSampleId :

DAM69DL

Tot Ion:	128	Resp:	771496
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.7	13.1
127	13.2	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 3.936 ng/ul

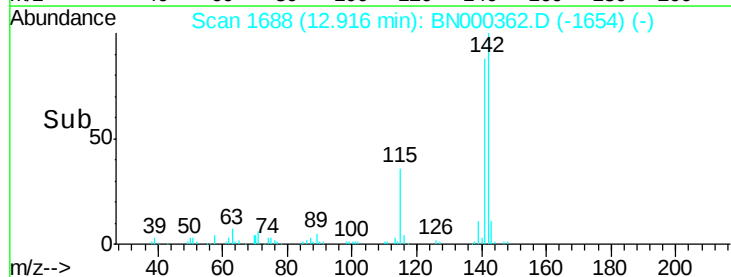
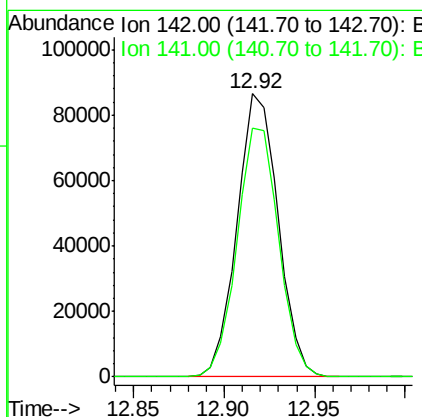
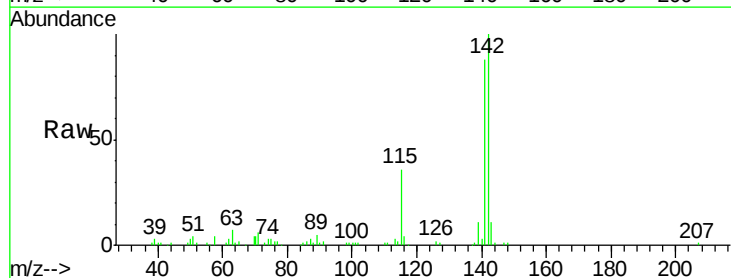
RT: 12.92 min Scan# 1688

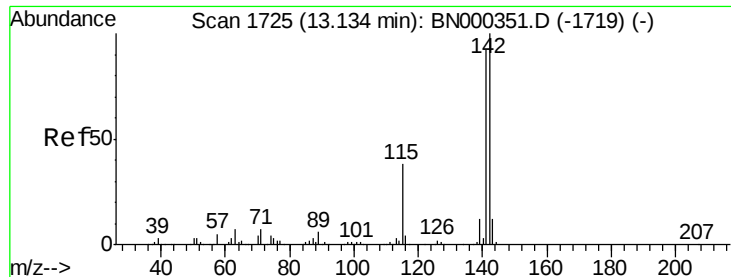
Delta R.T. -0.00 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

Tgt Ion:	142	Resp:	136460
Ion Ratio	Lower	Upper	
142	100		
141	88.0	72.7	109.1





#5

1-Methylnaphthalene

Concen: 2.135 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

Instrument :

BNA_N

ClientSampleId :

DAM69DL

Tot Ion:142 Resp: 74299

Ion Ratio Lower Upper

142 100

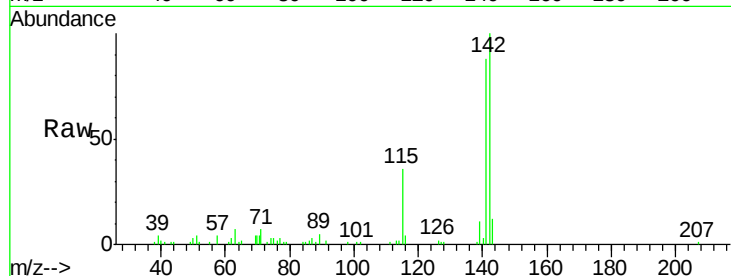
141 87.8 79.3 118.9

116 4.4 4.2 6.2

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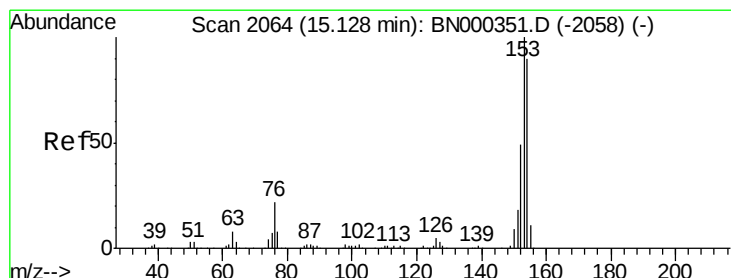
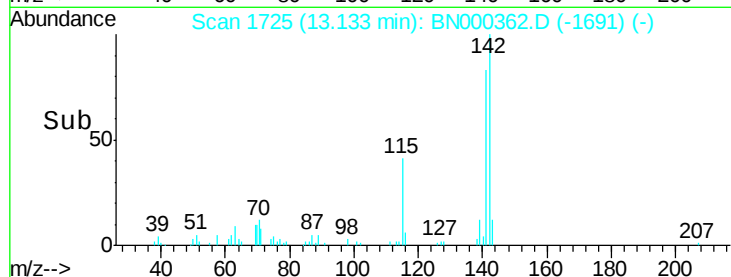
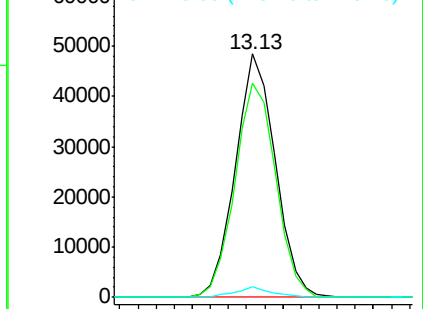
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#9

Acenaphthene

Concen: 5.783 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

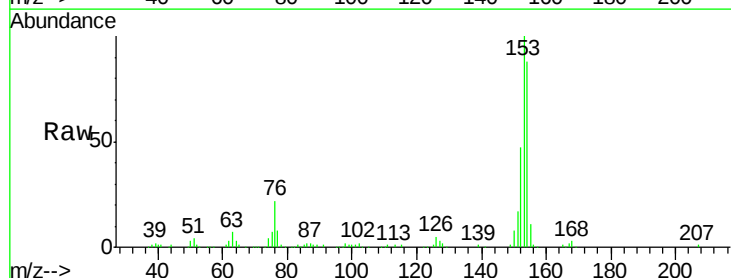
Tgt Ion:153 Resp: 212263

Ion Ratio Lower Upper

153 100

152 47.4 39.0 58.6

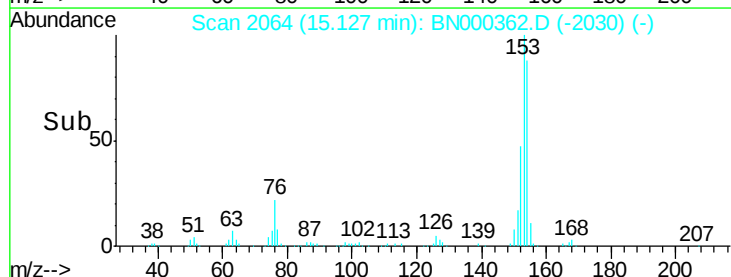
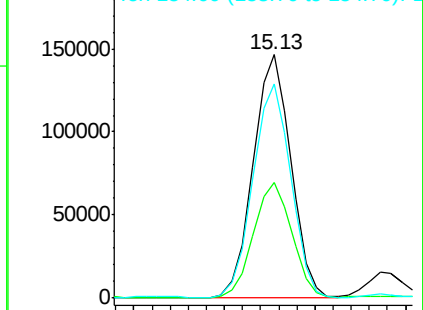
154 87.8 66.8 100.2

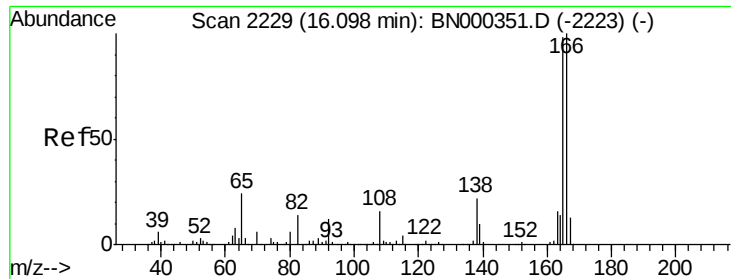


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





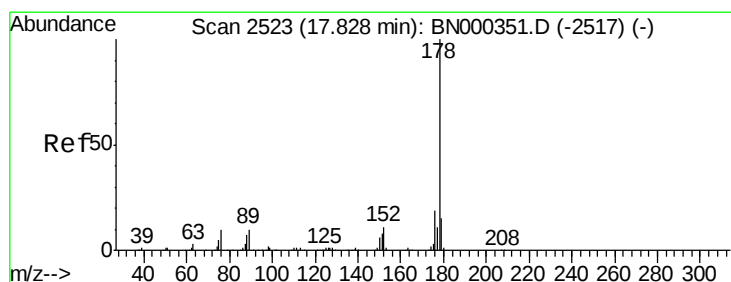
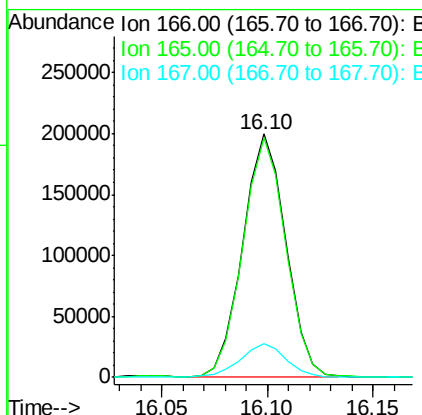
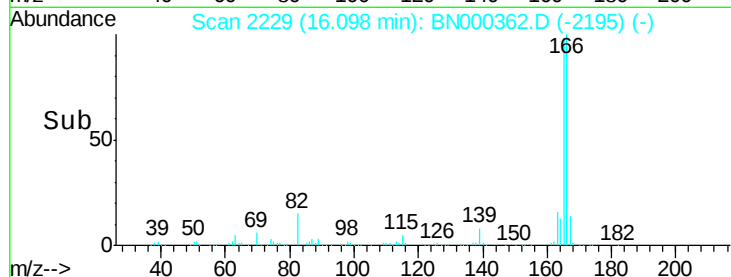
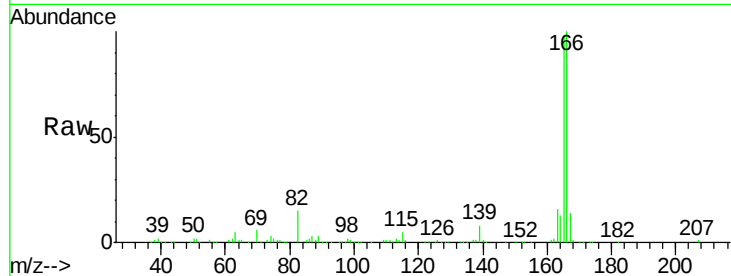
#11
Fluorene
 Concen: 6.959 ng/ul
 RT: 16.10 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BN000362.D
 Acq: 13 Mar 2018 22:45

Instrument :
 BNA_N
 ClientSampled :
 DAM69DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
281701	166	100			
	165	98.3	83.8	125.8	
	167	13.6	11.5	17.3	

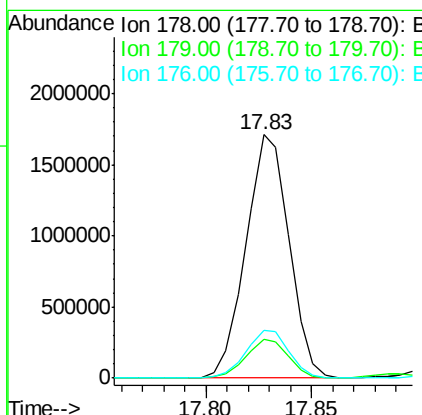
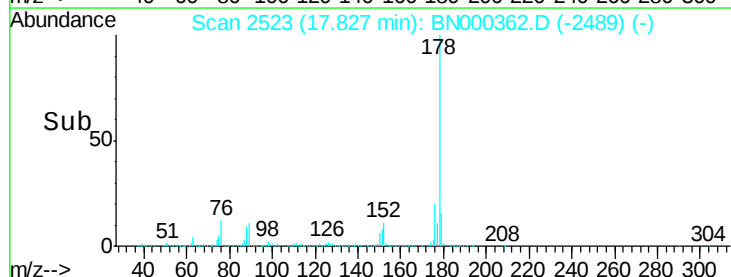
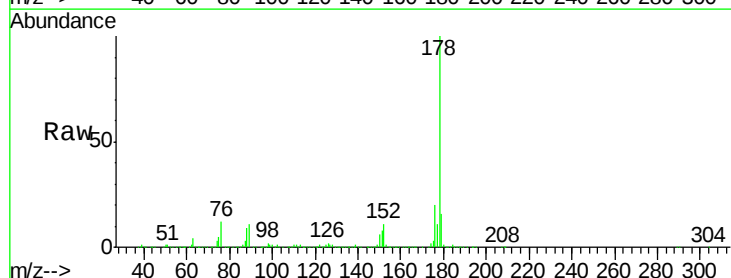
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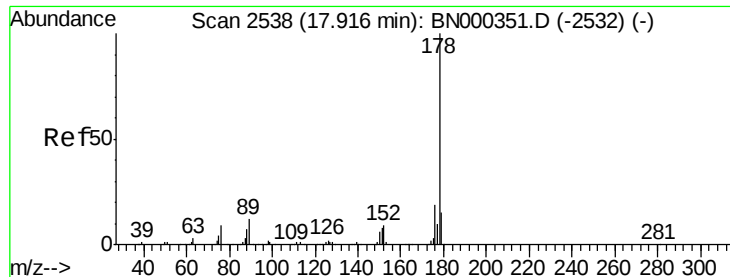
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#13
Phenanthrene
 Concen: 35.376 ng/ul
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BN000362.D
 Acq: 13 Mar 2018 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
2427306	178	100			
	179	15.8	12.3	18.5	
	176	19.7	15.1	22.7	





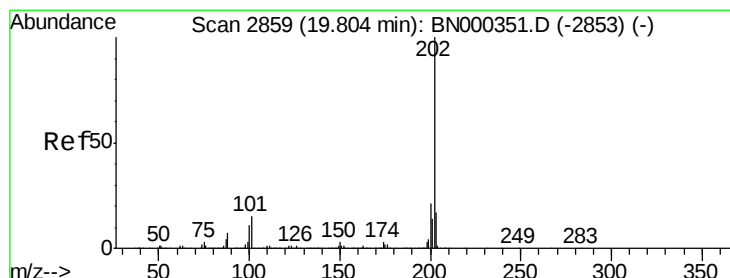
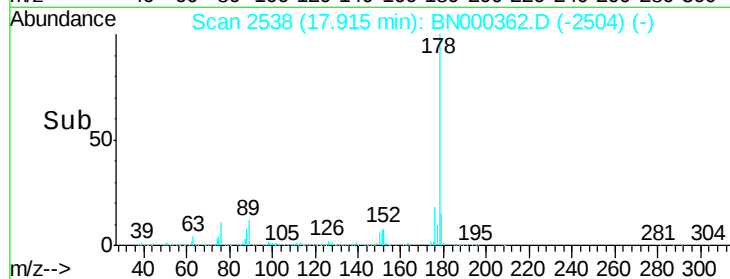
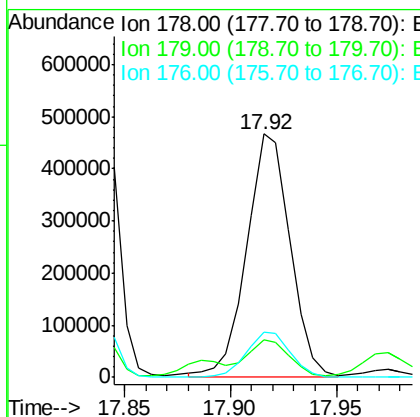
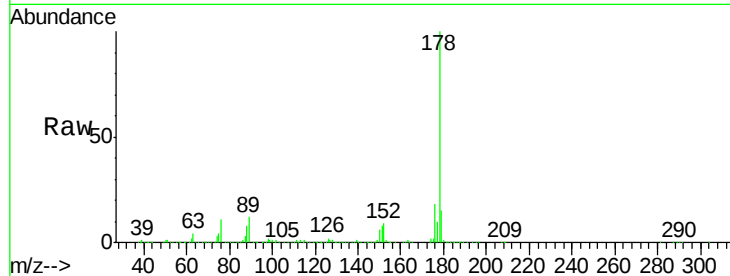
#15
 Anthracene
 Concen: 9.540 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN000362.D
 Acq: 13 Mar 2018 22:45

Instrument :
 BNA_N
 ClientSampleId :
 DAM69DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.5	15.2	22.8

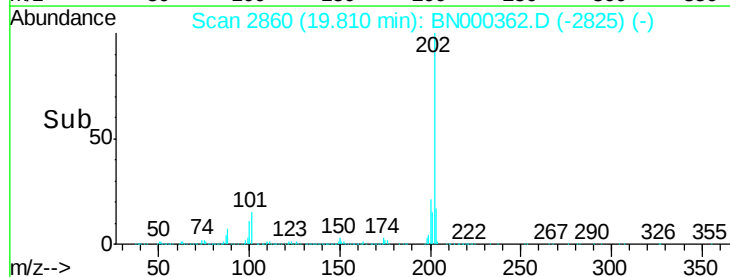
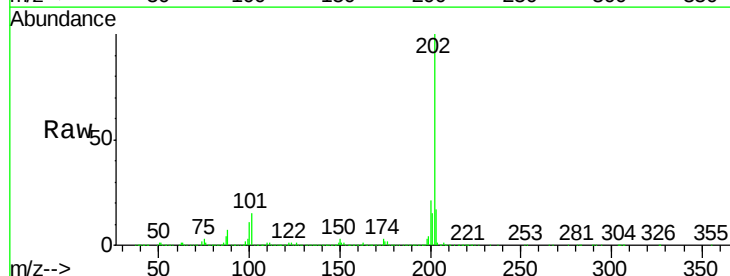
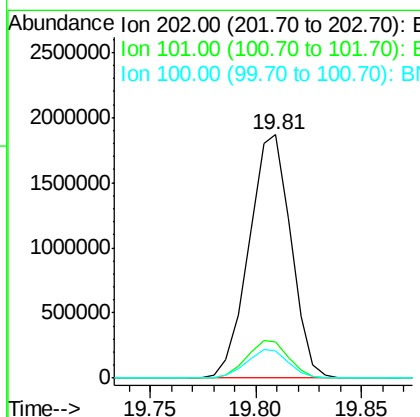
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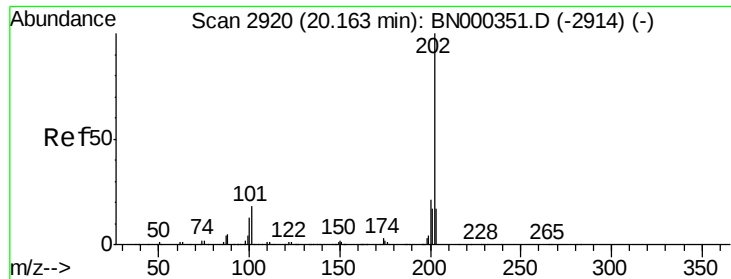
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#16
 Fluoranthene
 Concen: 34.688 ng/ul
 RT: 19.81 min Scan# 2860
 Delta R.T. 0.01 min
 Lab File: BN000362.D
 Acq: 13 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.4	7.4	11.0#





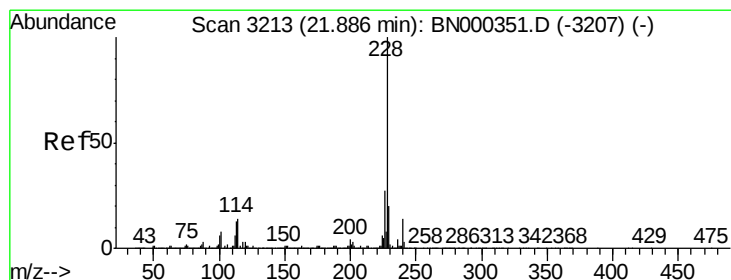
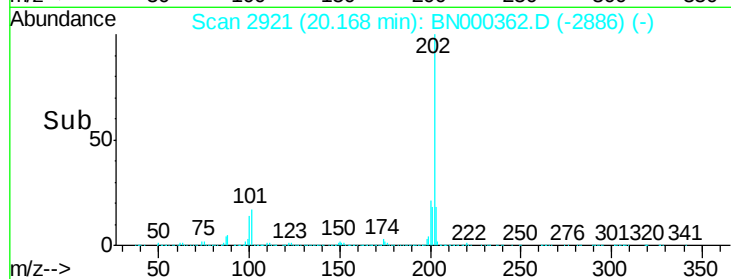
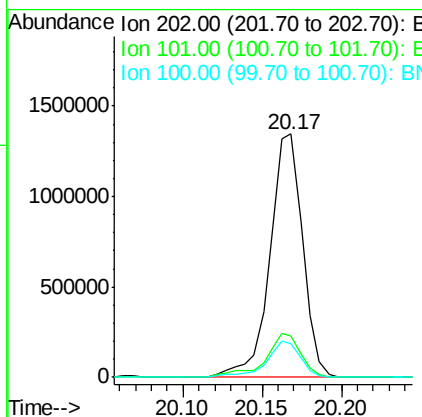
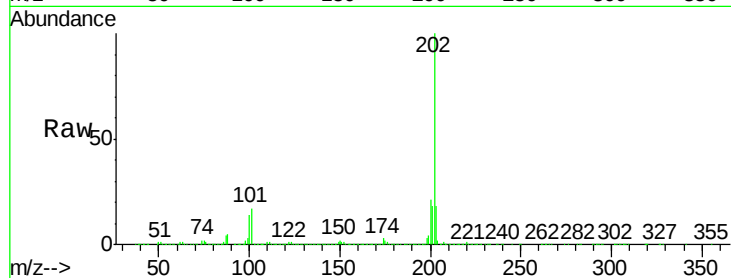
#19
Pvrene
Concen: 25.703 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000362.D
Acq: 13 Mar 2018 22:45

Instrument :
BNA_N
ClientSampled :
DAM69DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	13.9	8.1	12.1#

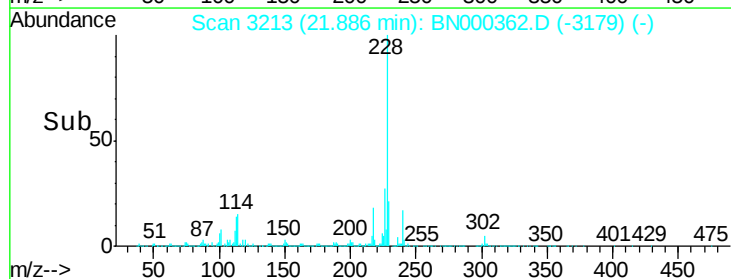
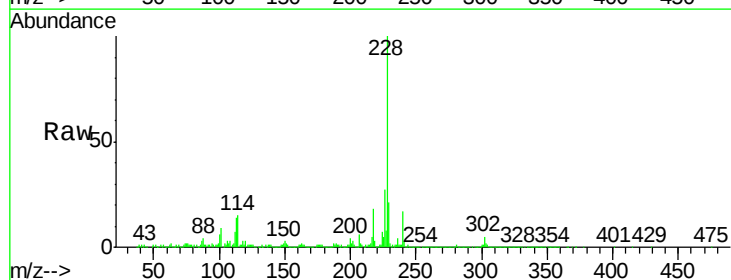
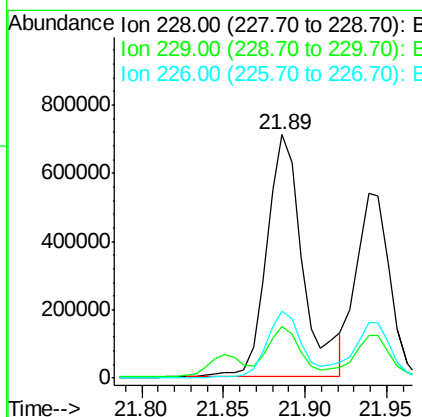
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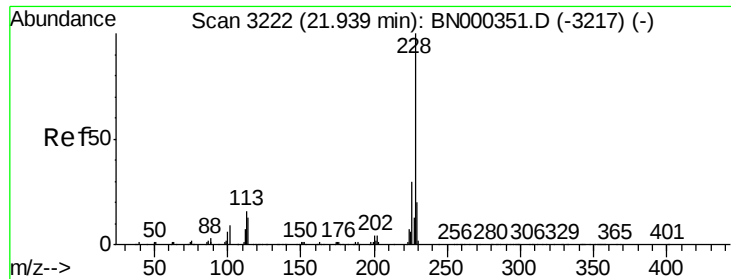
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#20
Benzo(a)anthracene
Concen: 14.709 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000362.D
Acq: 13 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	27.4	21.1	31.7





#21

Chrysene

Concen: 11.247 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

Instrument :

BNA_N

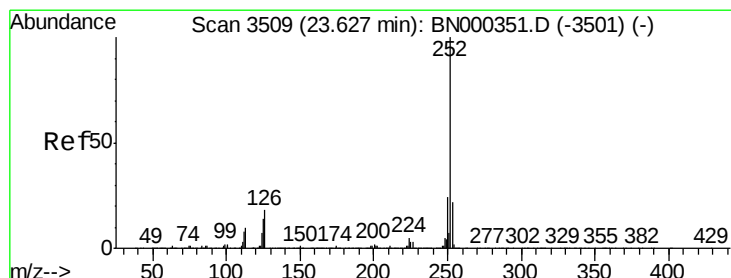
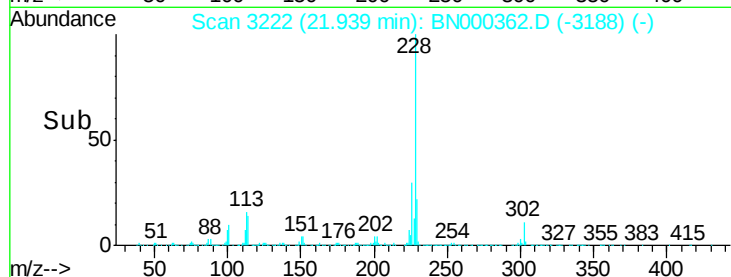
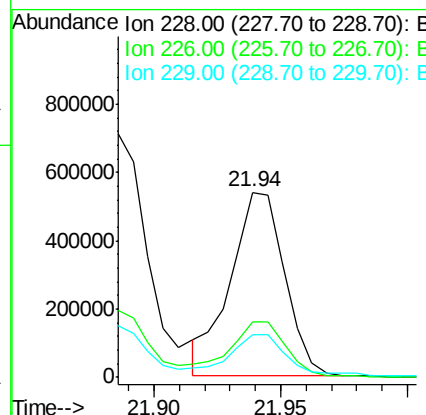
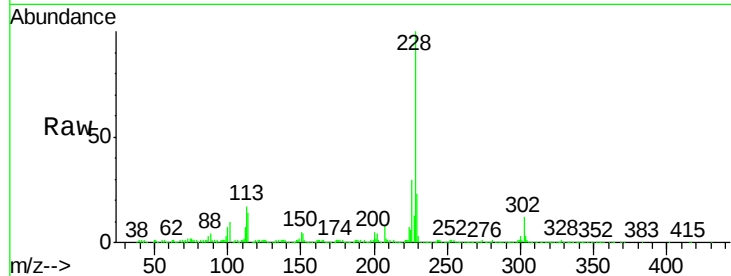
ClientSampleID :

DAM69DL

Tot Ion:	228	Resp:	792938
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.5	36.7
229	22.8	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 15.342 ng/ul

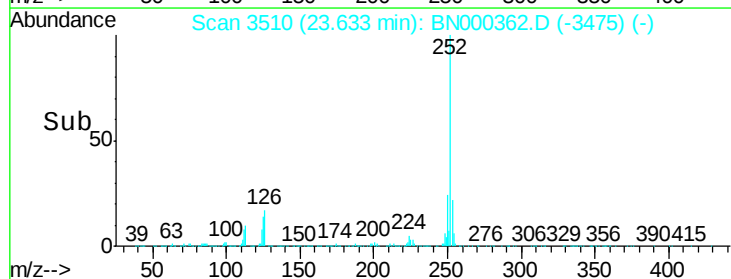
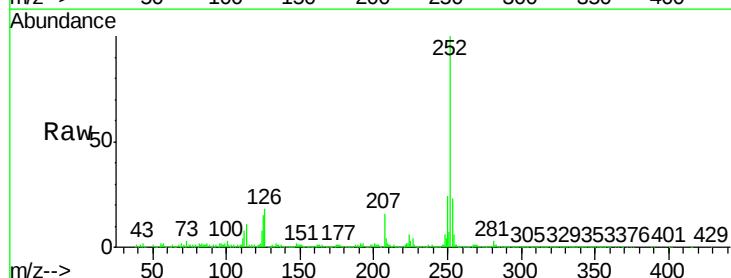
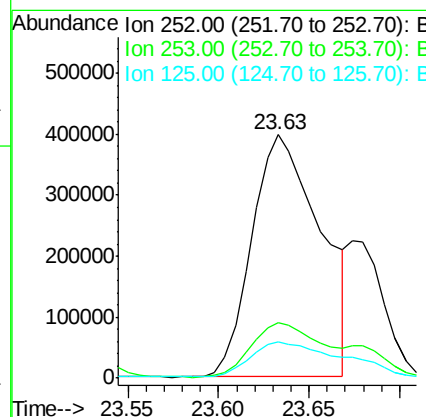
RT: 23.63 min Scan# 3510

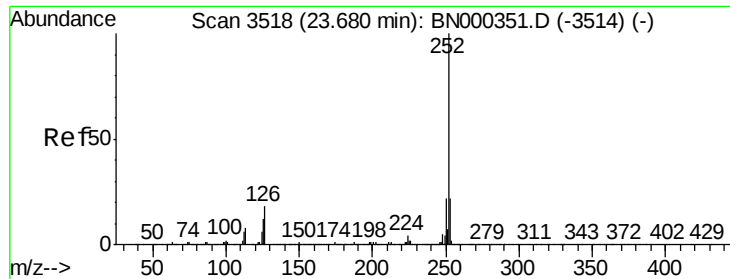
Delta R.T. 0.01 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

Tgt Ion:	252	Resp:	1049086
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	14.8	8.0	12.0#





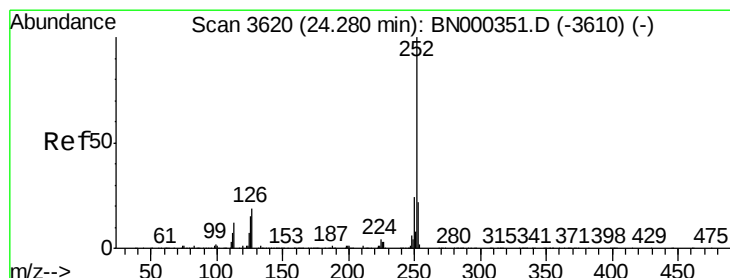
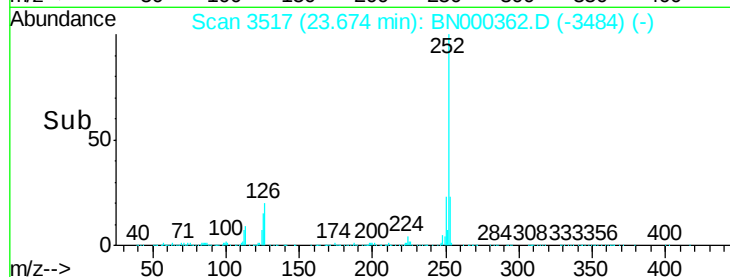
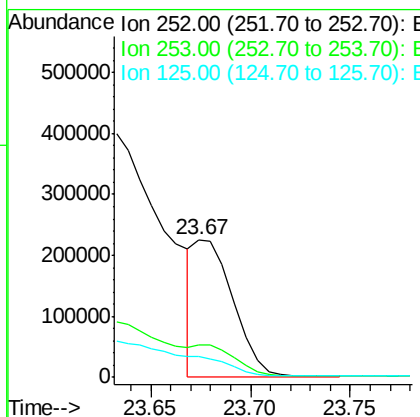
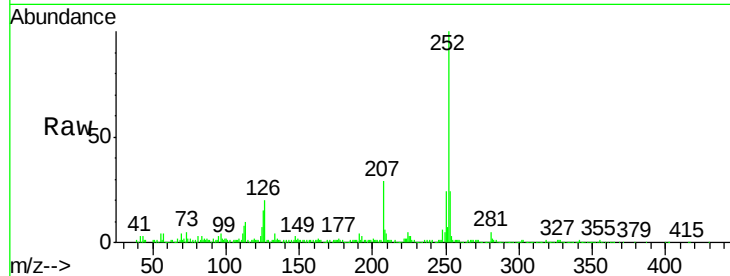
#24
Benzo(k)fluoranthene
Concen: 4.762 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000362.D
Acq: 13 Mar 2018 22:45

Instrument :
BNA_N
ClientSampled :
DAM69DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	15.5	8.1	12.1#

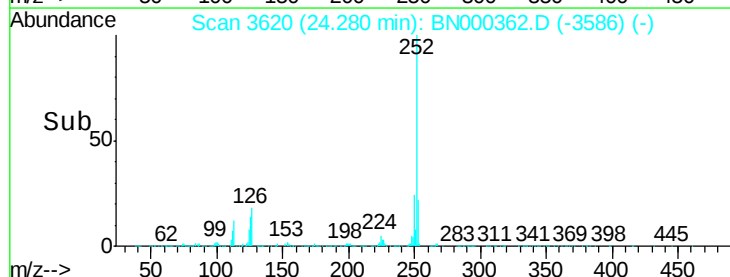
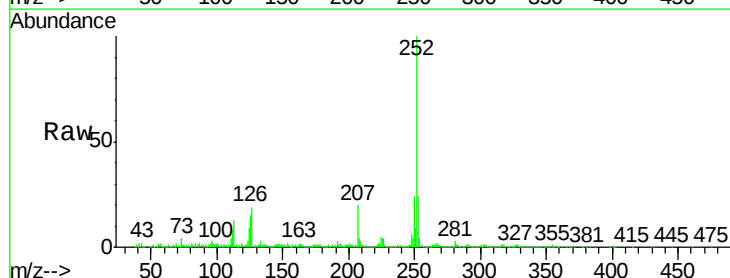
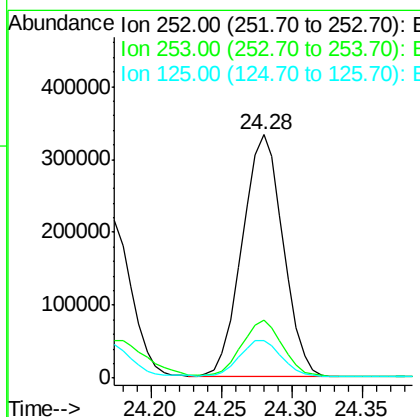
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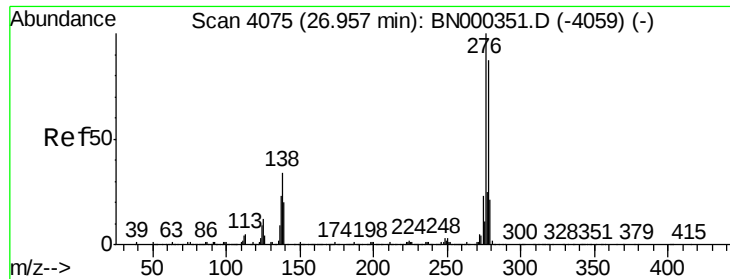
Sohil
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#26
Benzo(a)pyrene
Concen: 10.342 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000362.D
Acq: 13 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	15.2	8.2	12.4#





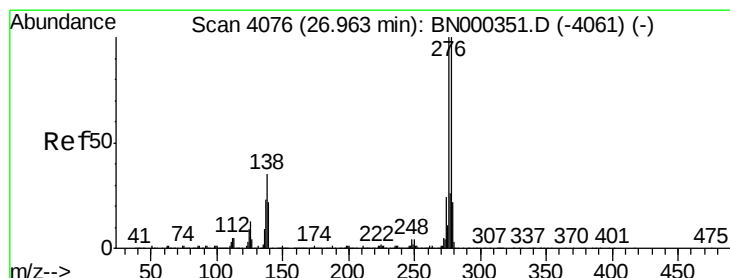
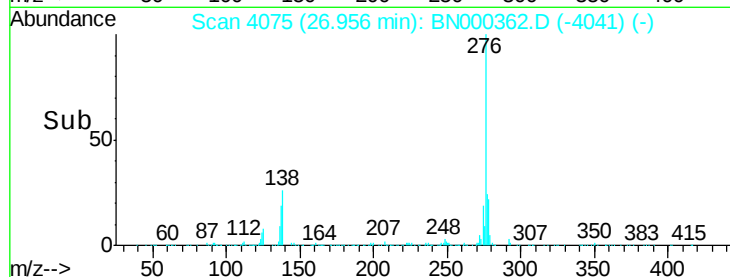
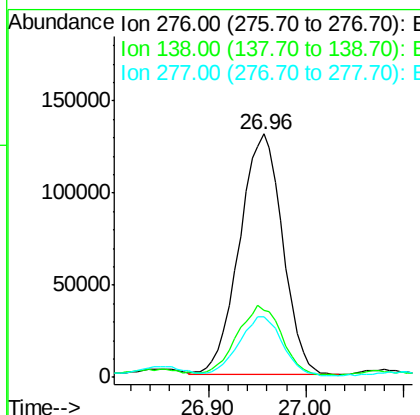
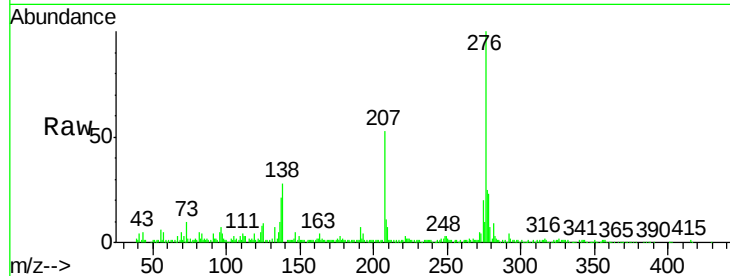
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.714 ng/ul
 RT: 26.96 min Scan# 4075
 Delta R.T. -0.00 min
 Lab File: BN000362.D
 Acq: 13 Mar 2018 22:45

Instrument :
 BNA_N
 ClientSampleId :
 DAM69DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	14.4	21.6#
277	24.7	18.0	27.0

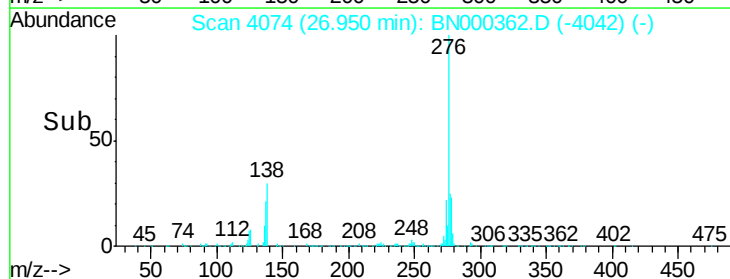
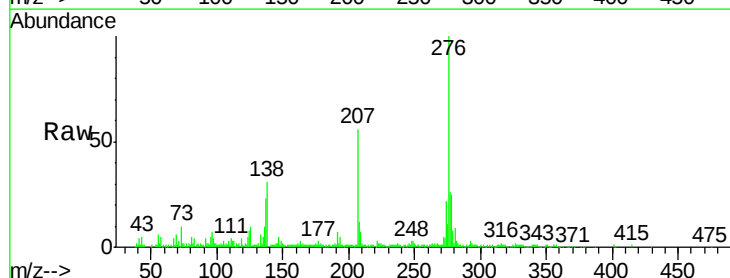
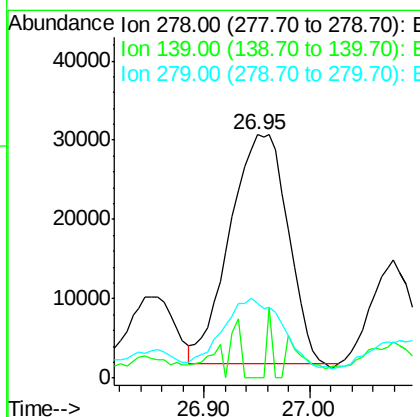
Manual Integrations
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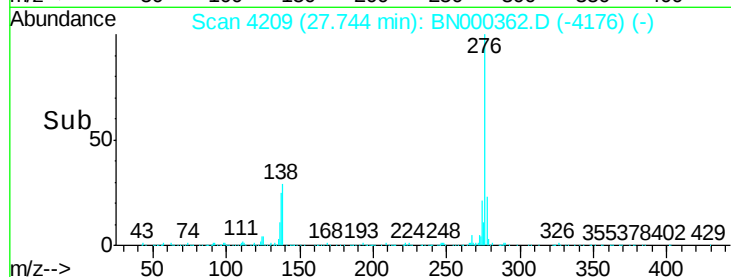
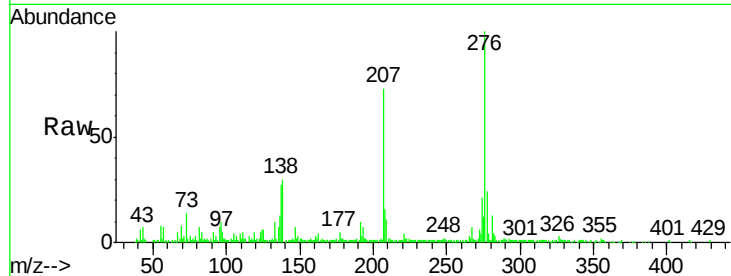
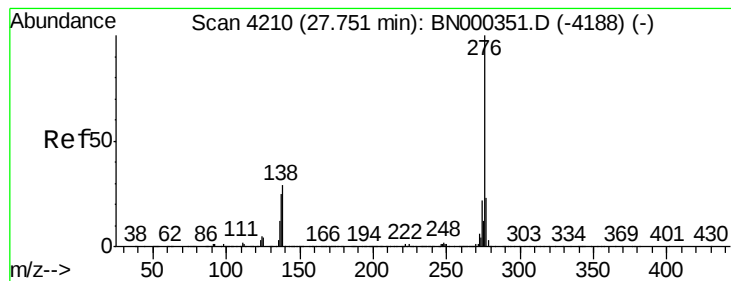
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.913 ng/ul
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BN000362.D
 Acq: 13 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.6	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 5.289 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000362.D

Acq: 13 Mar 2018 22:45

Instrument :

BNA_N

ClientSampled :

DAM69DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	15.3	22.9#
277	23.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
3/14/2018 5:46:33 PM

