

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000964.D
 Acq On : 27 Apr 2018 13:05
 Operator : JU/SJ
 Sample : J2526-12DL 30X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DAS60DL

Manual Integrations
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Quant Time: Apr 27 16:37:25 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 09:25:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142000	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592123	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	285990	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	505165	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	421874	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	463230	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	29194	1.06	ng/ul	0.00
10) Fluorene-d10	15.25	176	21583	1.18	ng/ul	0.00
14) Anthracene-d10	17.10	188	27690	1.20	ng/ul	0.00
18) Pyrene-d10	19.41	212	26379	1.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	26897	1.23	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.43	128	151223	5.067	ng/ul	99
4) 2-Methylnaphthalene	12.05	142	75208	3.777	ng/ul	97
5) 1-Methylnaphthalene	12.27	142	75621	3.872	ng/ul#	92
9) Acenaphthene	14.32	153	112031	5.965	ng/ul	97
11) Fluorene	15.30	166	95081	4.755	ng/ul	93
13) Phenanthrene	17.05	178	1379001	50.051	ng/ul	99
15) Anthracene	17.14	178	323528	11.707	ng/ul	99
16) Fluoranthene	19.07	202	1483345	53.065	ng/ul#	93
19) Pyrene	19.44	202	1278721	47.189	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	718046	28.473	ng/ul	99
21) Chrysene	21.25	228	617713	26.061	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	935973m	35.554	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	305561m	11.862	ng/ul	
26) Benzo(a)pyrene	23.32	252	645072	25.640	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.60	276	447227	14.717	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.60	278	134197m	5.299	ng/ul	
29) Benzo(g,h,i)perylene	26.27	276	347775	13.684	ng/ul#	92

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

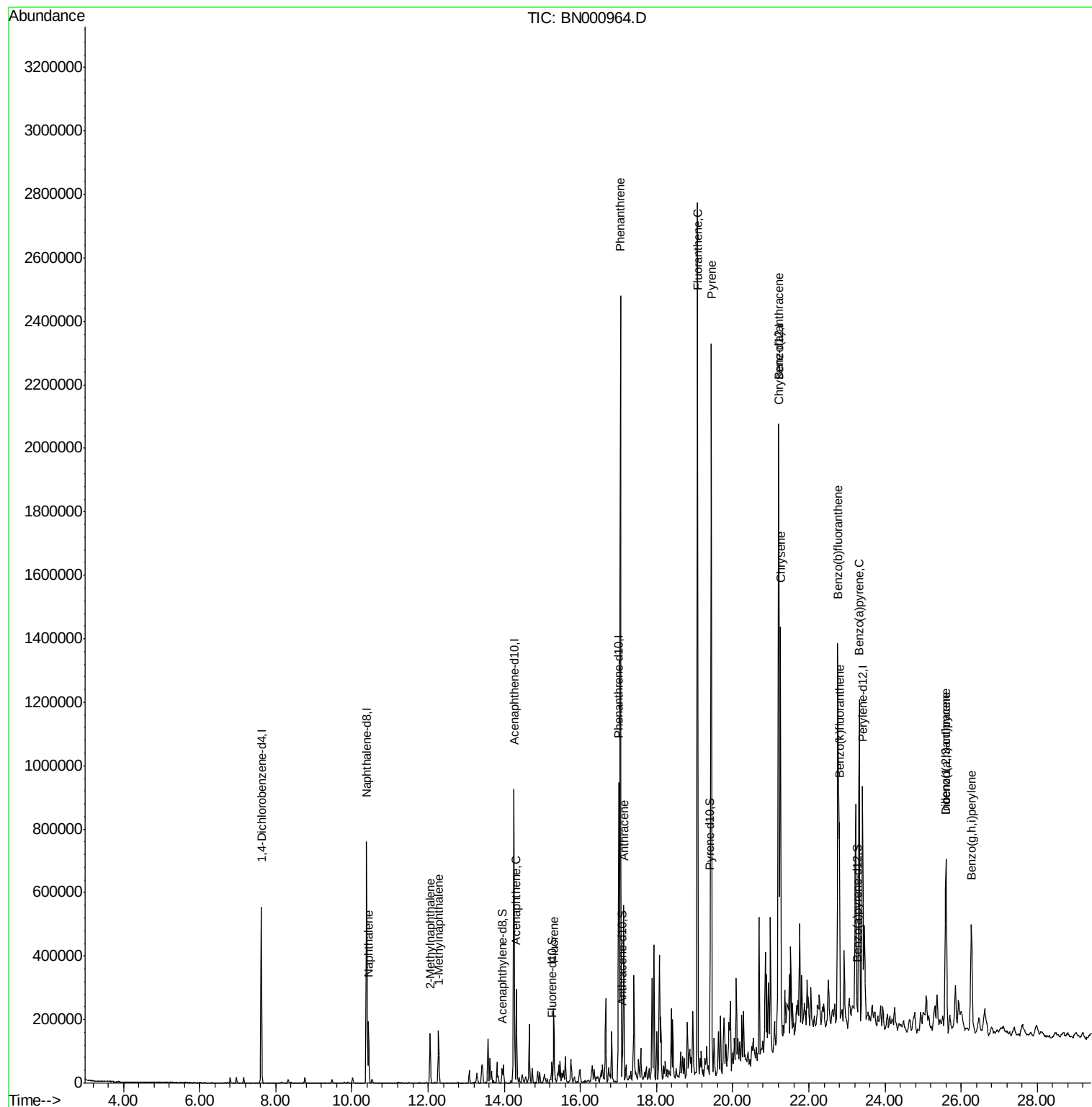
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000964.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

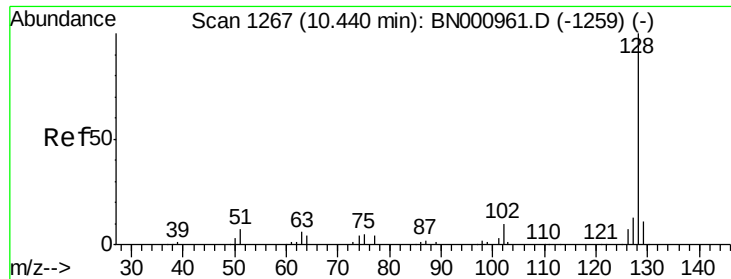
Instrument :
BNA_N
ClientSampleId :
DAS60DL

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Quant Time: Apr 27 16:37:25 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 09:25:35 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 5.067 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN000964.D

Acq: 27 Apr 2018 13:05

Instrument :

BNA_N

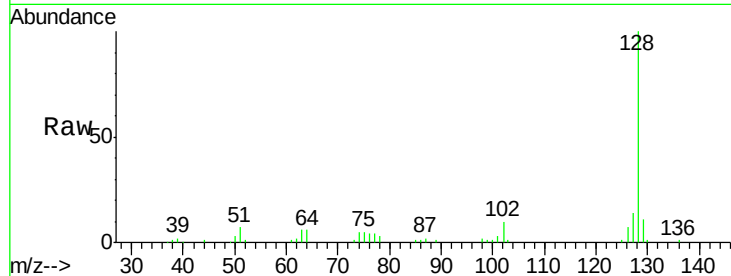
ClientSampleId :

DAS60DL

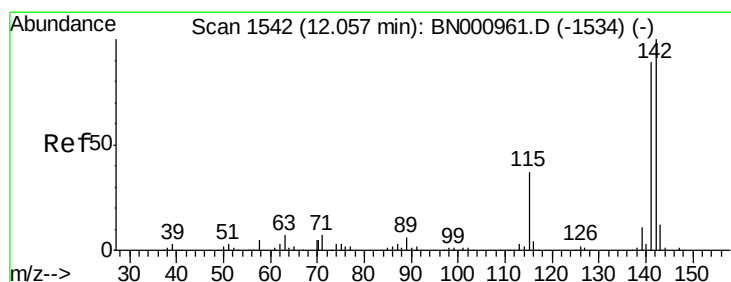
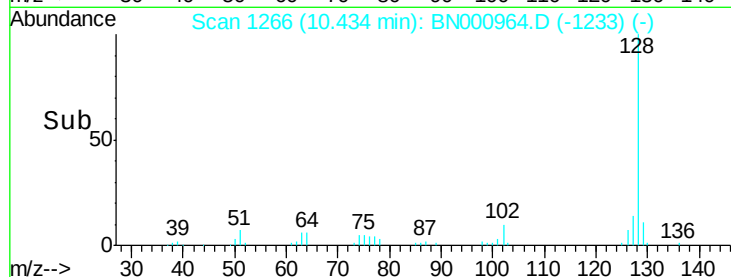
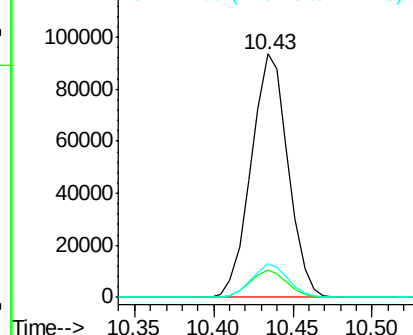
Tgt Ion:	128	Resp:	151223
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.7	10.6	16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 3.777 ng/ul

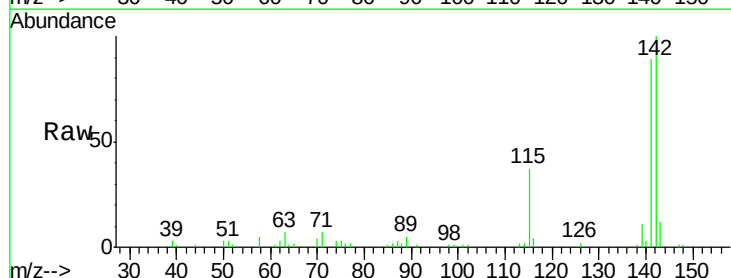
RT: 12.05 min Scan# 1541

Delta R.T. -0.01 min

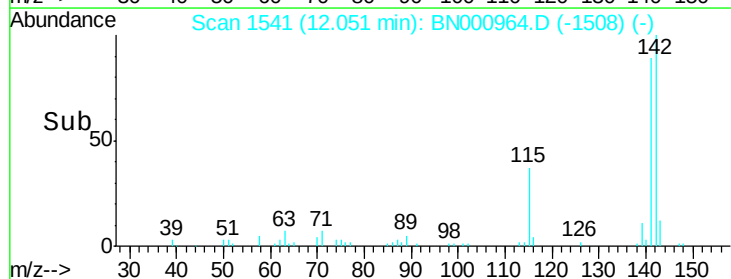
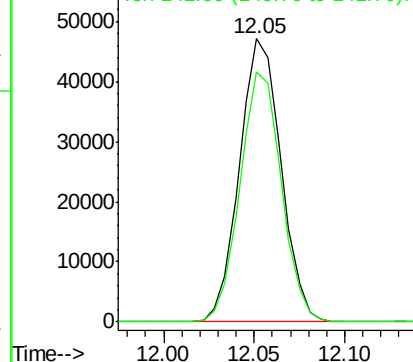
Lab File: BN000964.D

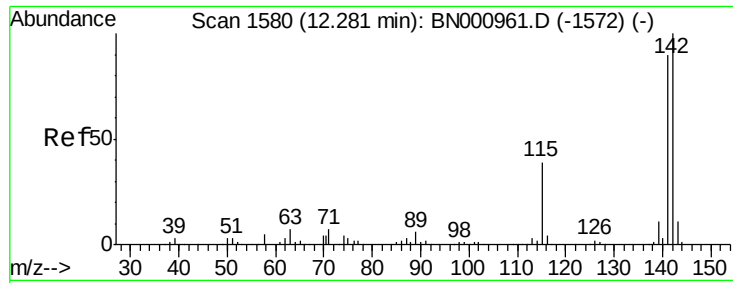
Acq: 27 Apr 2018 13:05

Tgt Ion:	142	Resp:	75208
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.7	109.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 3.872 ng/ul

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN000964.D

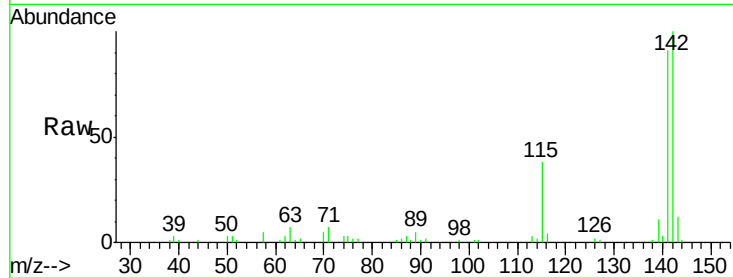
Acq: 27 Apr 2018 13:05

Instrument :

BNA_N

ClientSampleId :

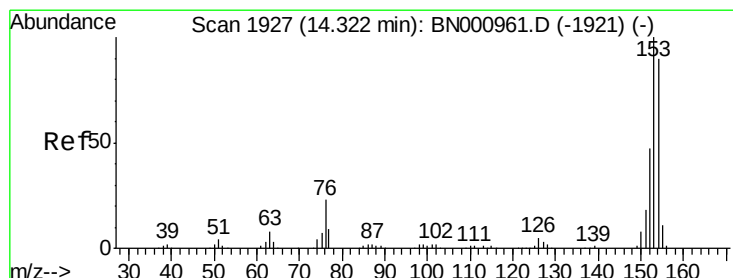
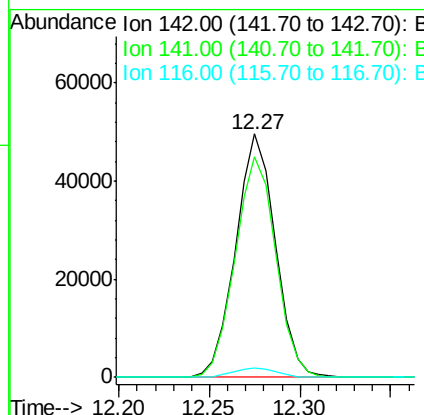
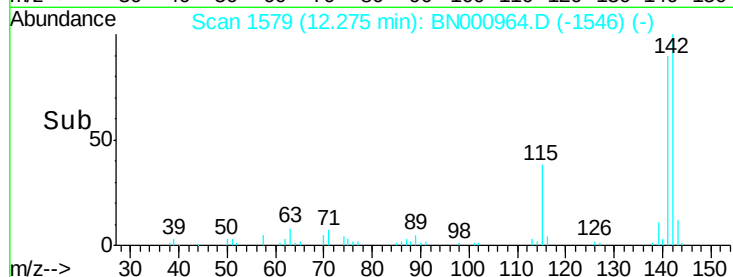
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	79.3	118.9
116	3.9	4.2	6.2#

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#9

Acenaphthene

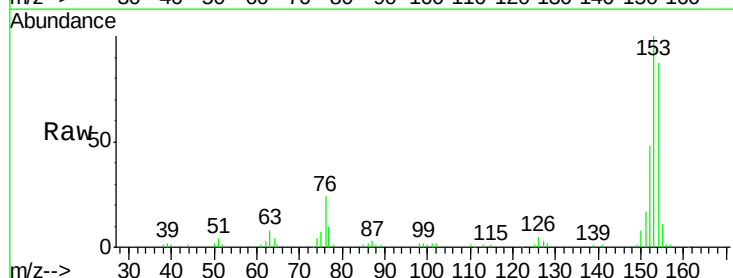
Concen: 5.965 ng/ul

RT: 14.32 min Scan# 1926

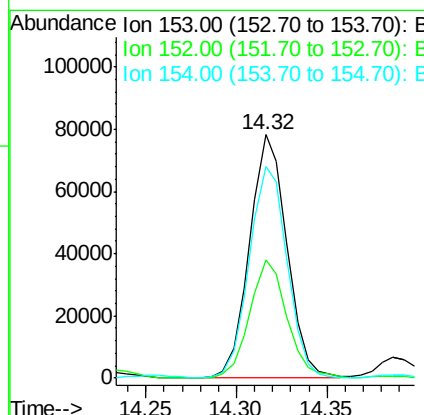
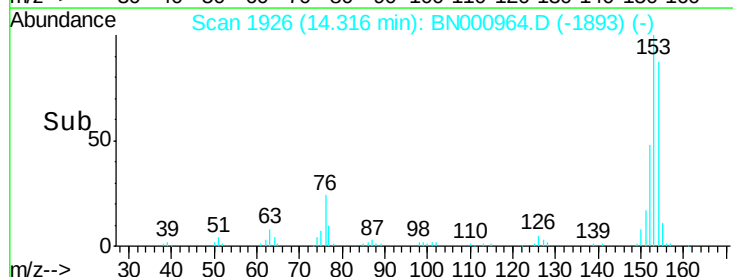
Delta R.T. -0.01 min

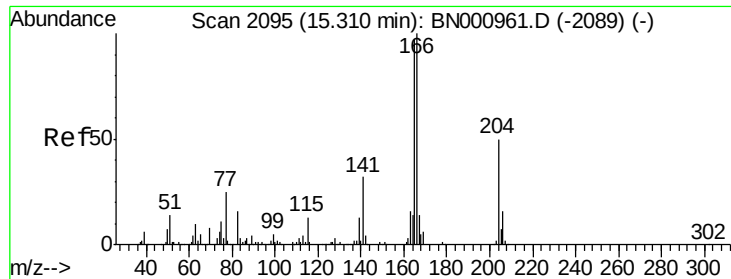
Lab File: BN000964.D

Acq: 27 Apr 2018 13:05



Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.0	58.6
154	87.2	66.8	100.2





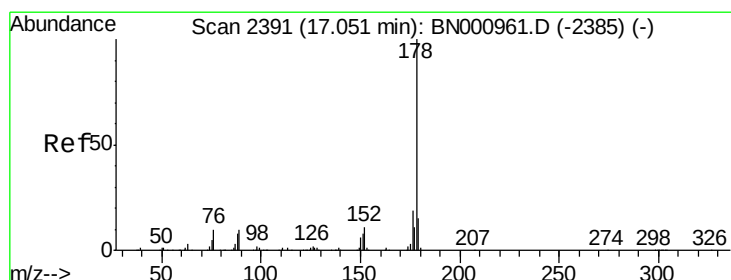
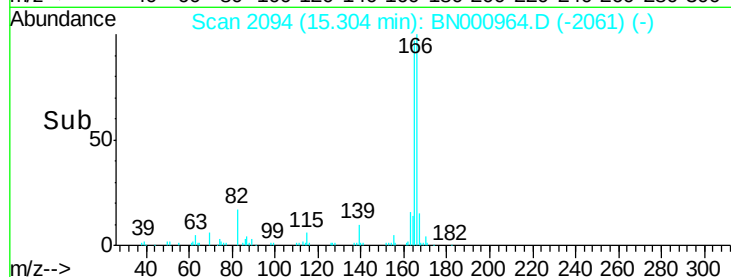
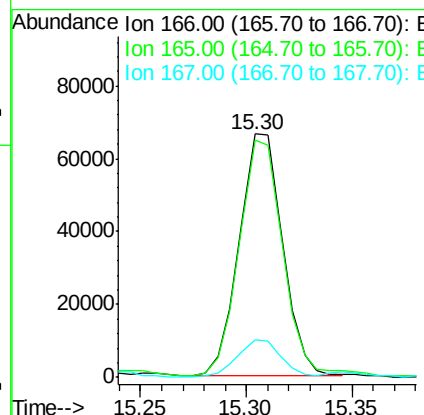
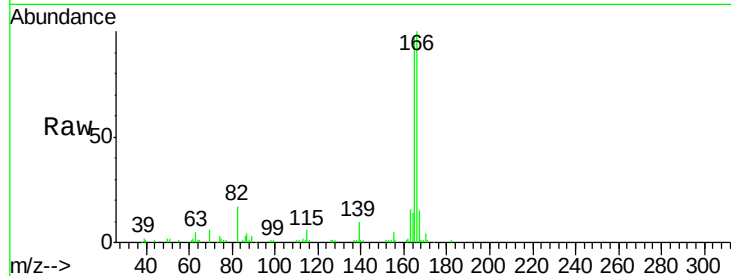
#11
Fluorene
Concen: 4.755 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Instrument :
BNA_N
ClientSampled :
DAS60DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	83.8	125.8
167	15.5	11.5	17.3

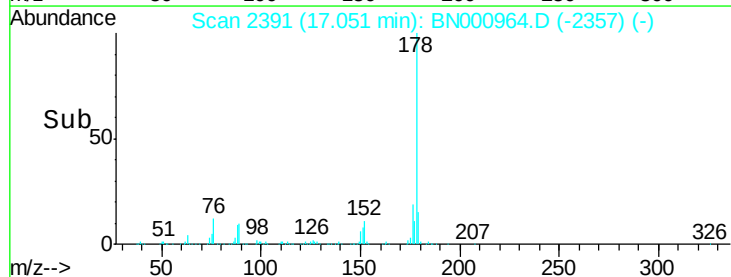
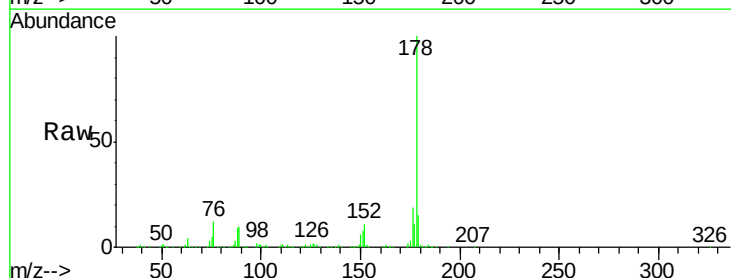
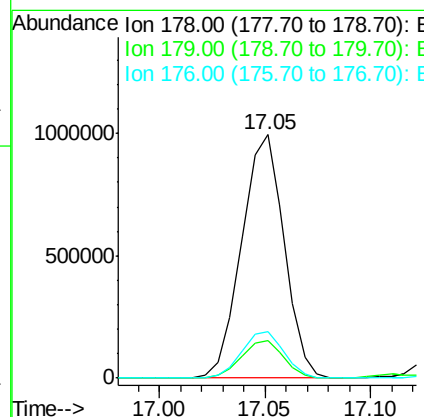
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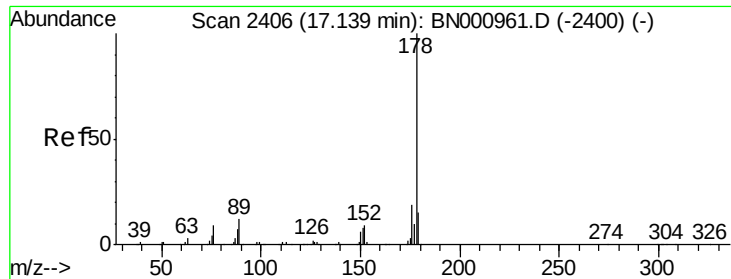
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#13
Phenanthrene
Concen: 50.051 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.2	15.1	22.7





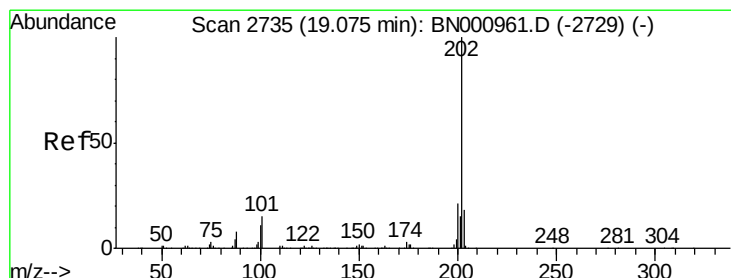
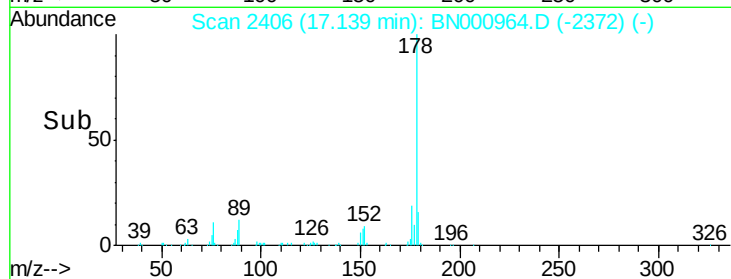
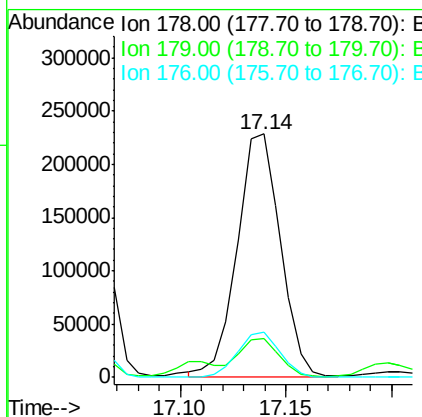
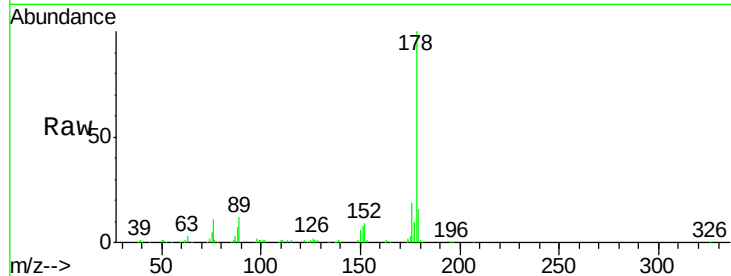
#15
 Anthracene
 Concen: 11.707 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BN000964.D
 Acq: 27 Apr 2018 13:05

Instrument :
 BNA_N
 ClientSampleId :
 DAS60DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.6	15.2	22.8

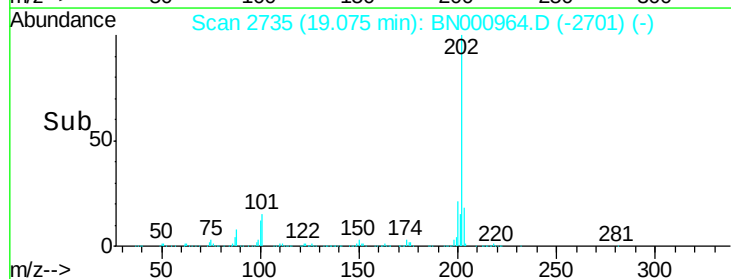
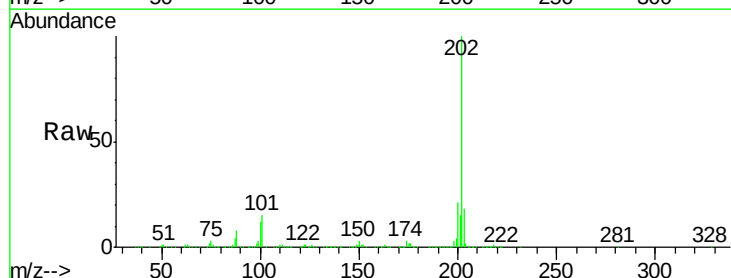
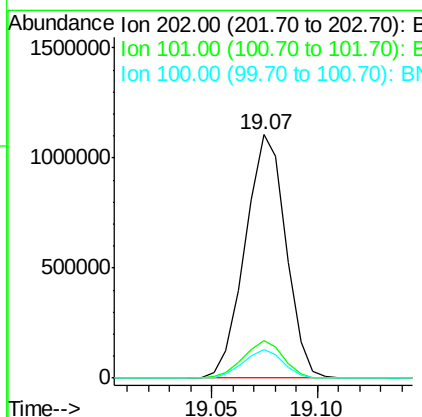
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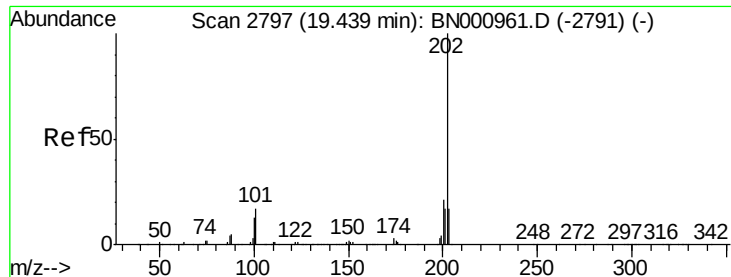
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#16
 Fluoranthene
 Concen: 53.065 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: BN000964.D
 Acq: 27 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.7	7.4	11.0#





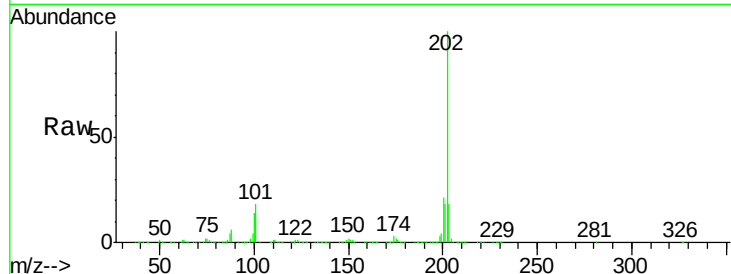
#19
Pyrene
Concen: 47.189 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Instrument :
BNA_N
ClientSampleId :
DAS60DL

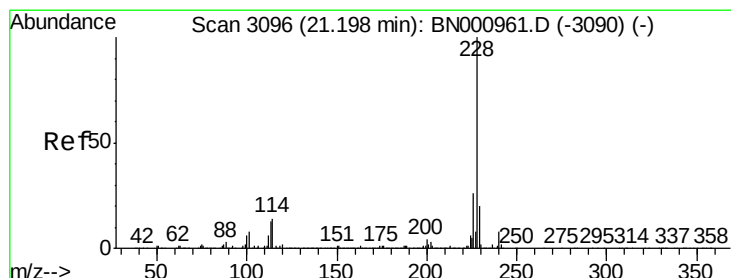
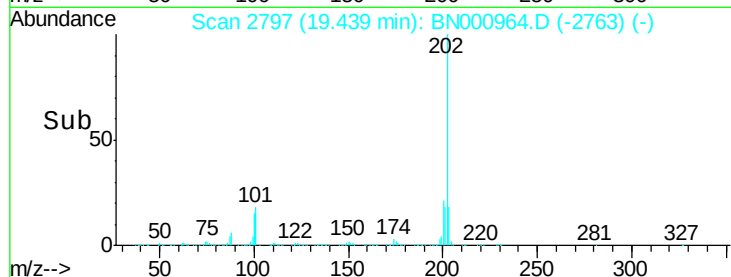
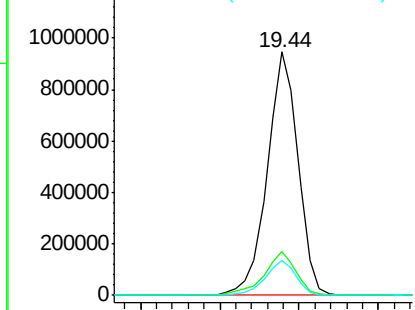
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.5	8.1	12.1#

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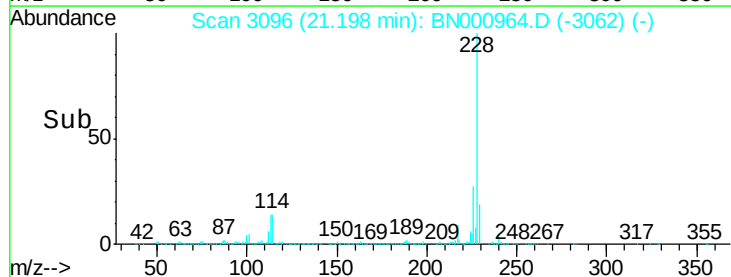
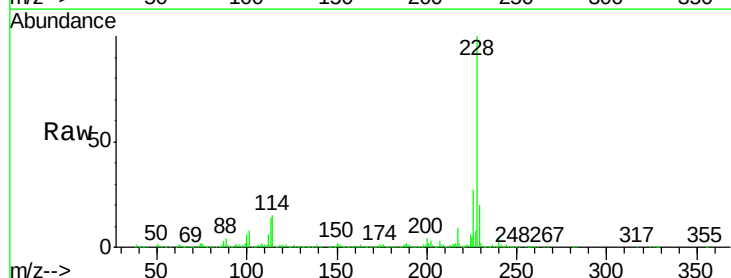
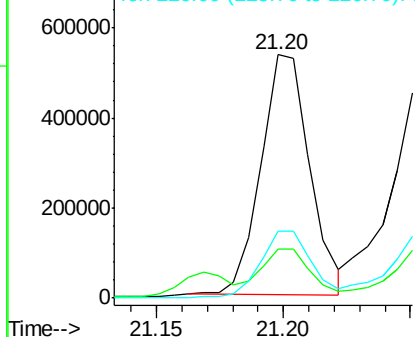
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

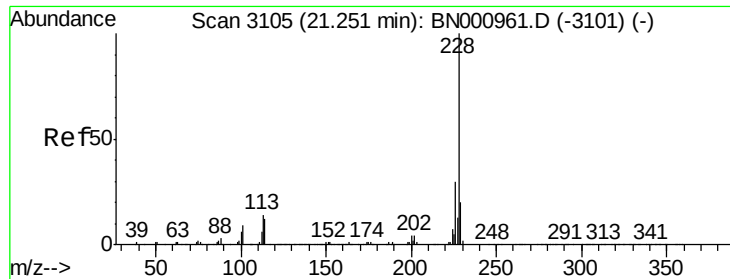


#20
Benzo(a)anthracene
Concen: 28.473 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.3	21.1	31.7

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





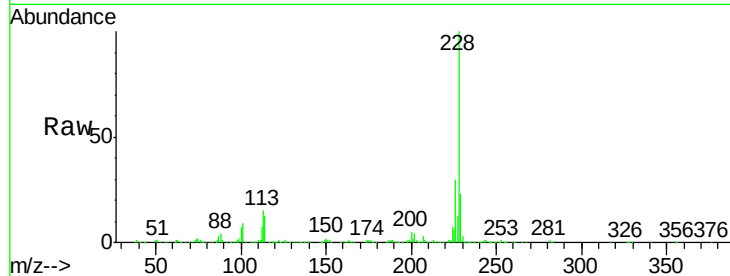
#21
Chrysene
Concen: 26.061 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Instrument :
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DAS60DL

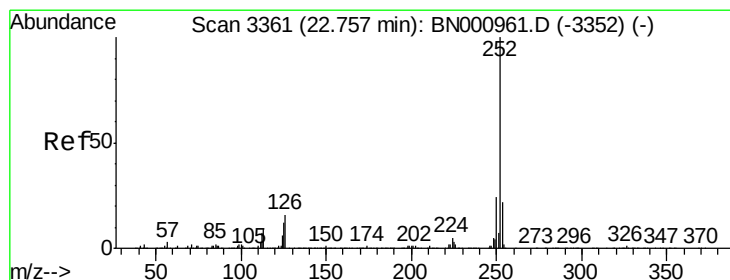
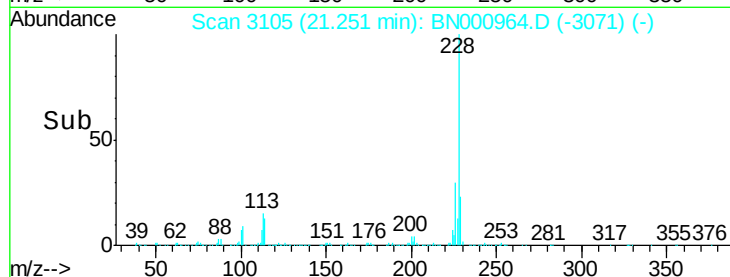
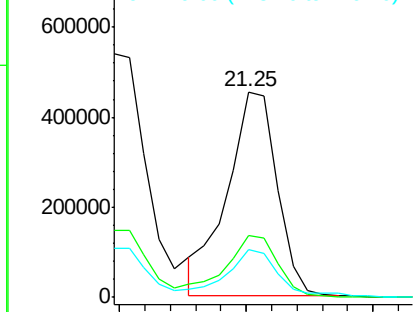
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	23.0	15.8	23.8

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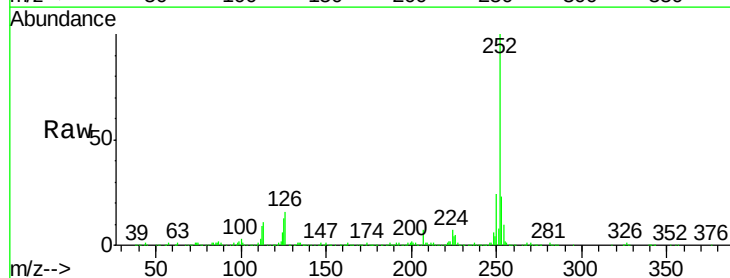


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

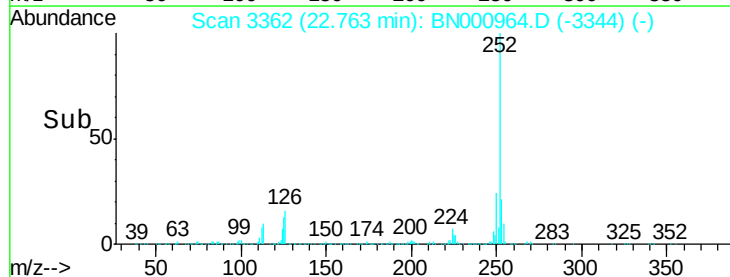
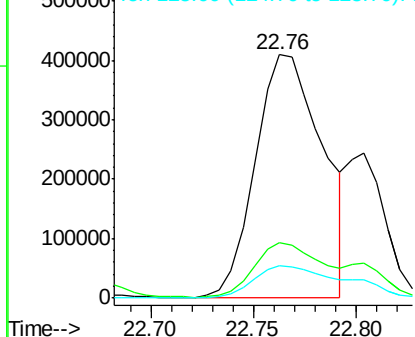


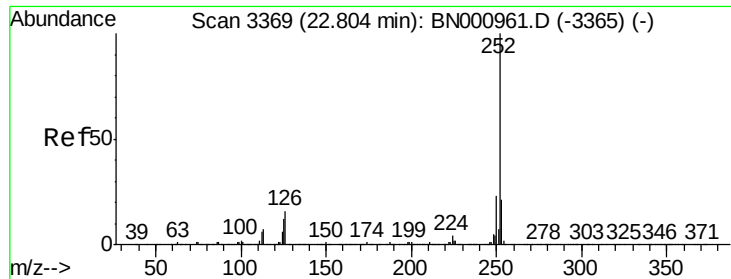
#23
Benzo(b)fluoranthene
Concen: 35.554 ng/ul m
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.2	8.0	12.0



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





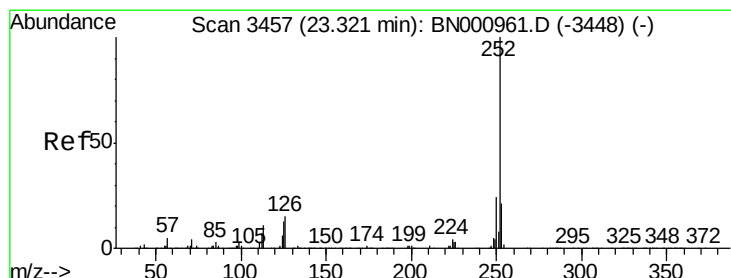
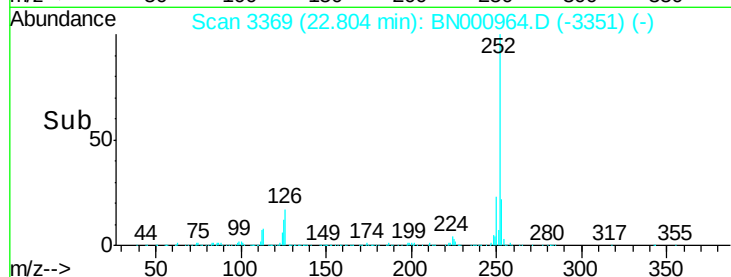
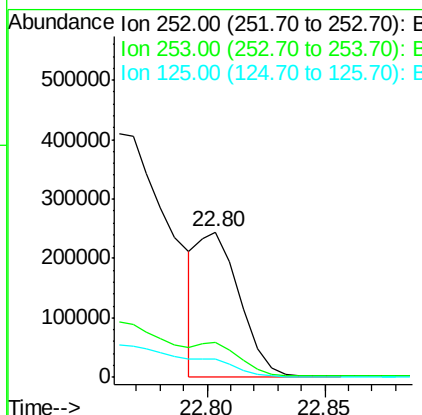
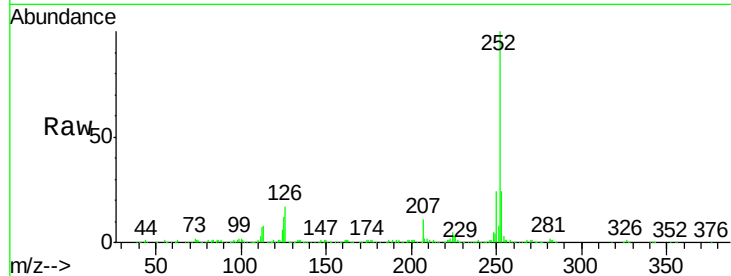
#24
Benzo(k)fluoranthene
Concen: 11.862 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Instrument :
BNA_N
ClientSampled :
DAS60DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	12.5	8.1	12.1#

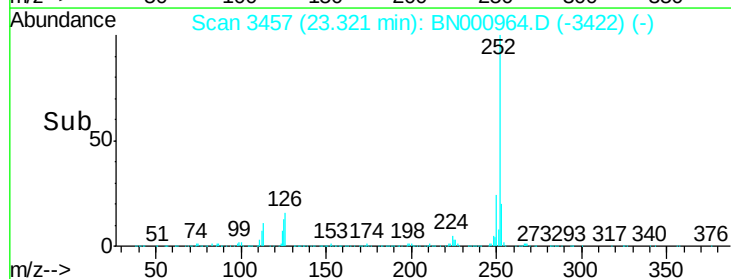
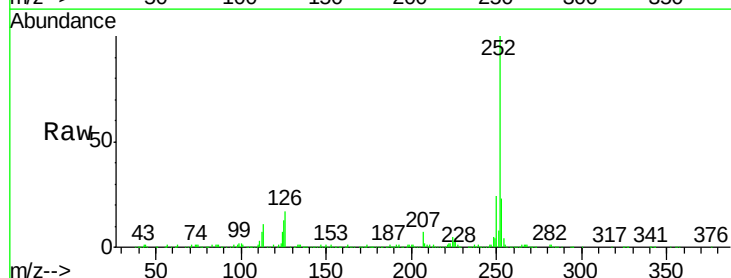
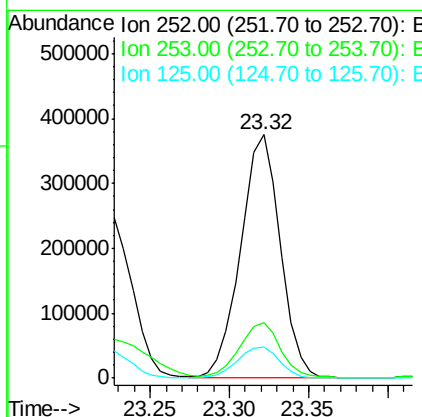
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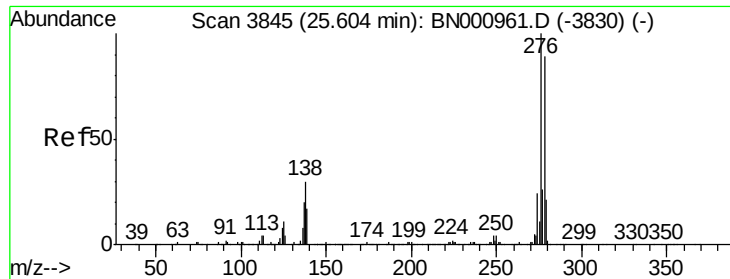
Sohil
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#26
Benzo(a)pyrene
Concen: 25.640 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BN000964.D
Acq: 27 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.9	8.2	12.4#





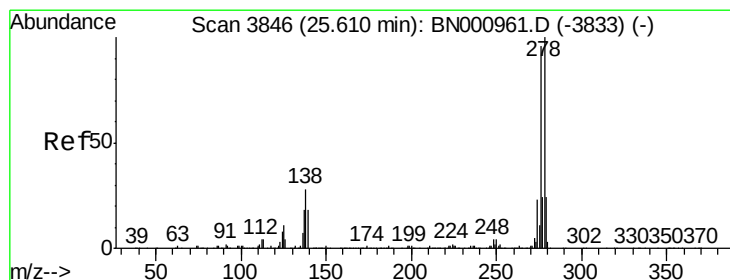
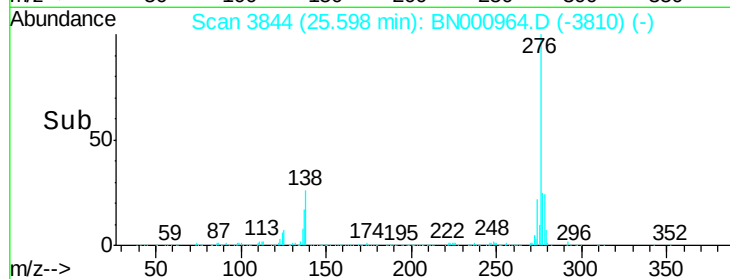
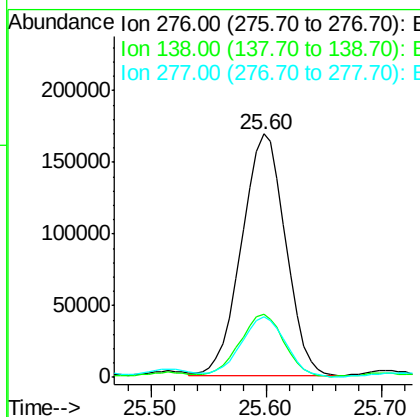
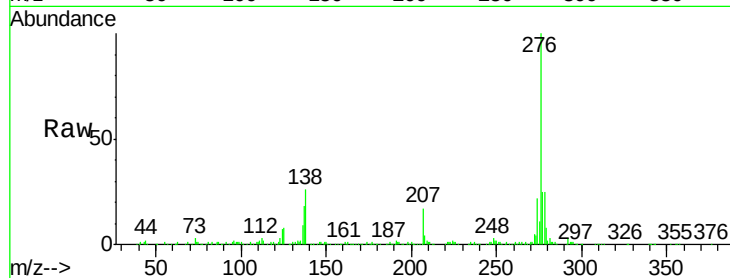
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 14.717 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.00 min
 Lab File: BN000964.D
 Acq: 27 Apr 2018 13:05

Instrument :
 BNA_N
 ClientSampled :
 DAS60DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	14.4	21.6#
277	24.9	18.0	27.0

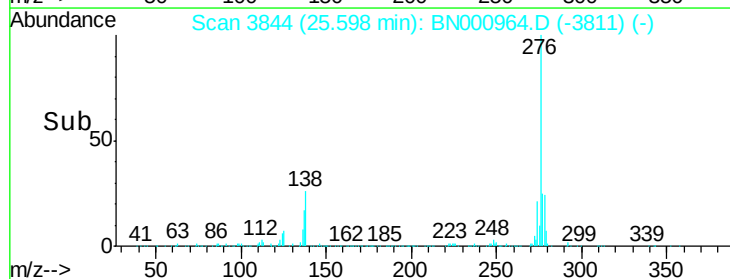
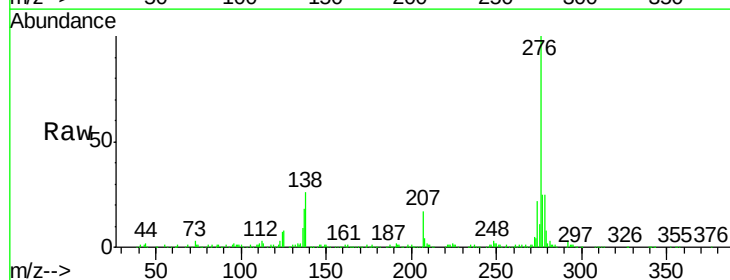
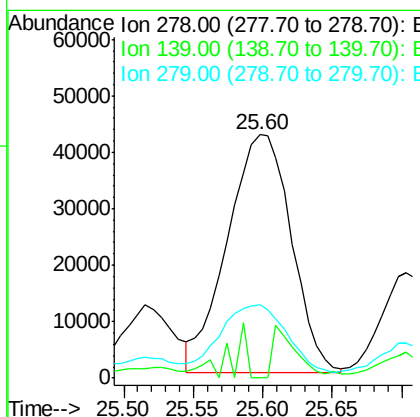
Manual Integrations
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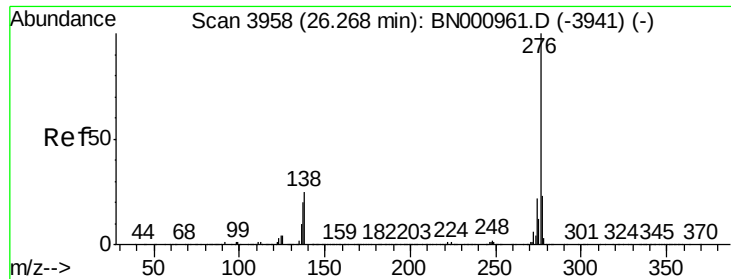
Sohil
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#28
 Dibenzo(a,h)anthracene
 Concen: 5.299 ng/ul m
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BN000964.D
 Acq: 27 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	29.9	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 13.684 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.01 min

Lab File: BN000964.D

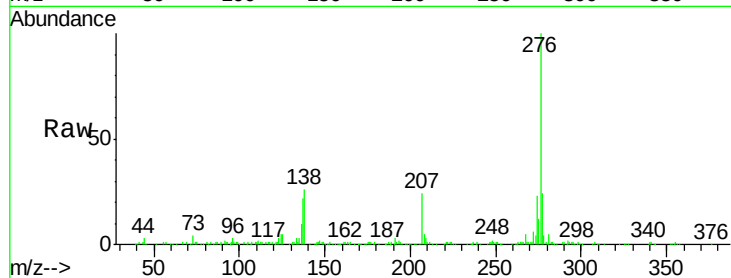
Acq: 27 Apr 2018 13:05

Instrument :

BNA_N

ClientSampleId :

DAS60DL



Tgt Ion: 276 Resp: 347775

Ion Ratio Lower Upper

276 100

138 26.5 15.3 22.9#

277 24.2 19.0 28.4

Manual Integrations
APPROVED

Sohil
4/27/2018 7:28:09 PM

