

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000962.D
 Acq On : 27 Apr 2018 10:54
 Operator : JU/SJ
 Sample : J2526-11DL 20X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DAS59DL

Manual Integrations
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Sohil
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Quant Time: Apr 27 16:12:37 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	100790	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	416537	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	209691	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	426889	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	413559	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	441355	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	38396	1.91	ng/ul	0.00
10) Fluorene-d10	15.25	176	28175	2.10	ng/ul	0.00
14) Anthracene-d10	17.10	188	41118	2.11	ng/ul	0.00
18) Pyrene-d10	19.41	212	42658	2.01	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	46032	2.21	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.43	128	168510	8.027	ng/ul	100
4) 2-Methylnaphthalene	12.05	142	74886	5.347	ng/ul	96
5) 1-Methylnaphthalene	12.28	142	67628	4.923	ng/ul#	96
8) Acenaphthylene	13.97	152	20219	1.014	ng/ul#	94
9) Acenaphthene	14.32	153	101562	7.375	ng/ul	96
11) Fluorene	15.31	166	103997	7.094	ng/ul	92
13) Phenanthrene	17.05	178	1372549	58.951	ng/ul	99
15) Anthracene	17.14	178	337273	14.442	ng/ul	98
16) Fluoranthene	19.07	202	1584353	67.071	ng/ul#	94
19) Pyrene	19.44	202	1365348	51.399	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	782172	31.639	ng/ul	97
21) Chrysene	21.25	228	702901m	30.251	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	1032402m	41.160	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	300273m	12.234	ng/ul	
26) Benzo(a)pyrene	23.32	252	695284	29.005	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.60	276	475727	16.431	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.60	278	139041	5.762	ng/ul#	80
29) Benzo(g,h,i)perylene	26.27	276	382469	15.794	ng/ul#	91

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

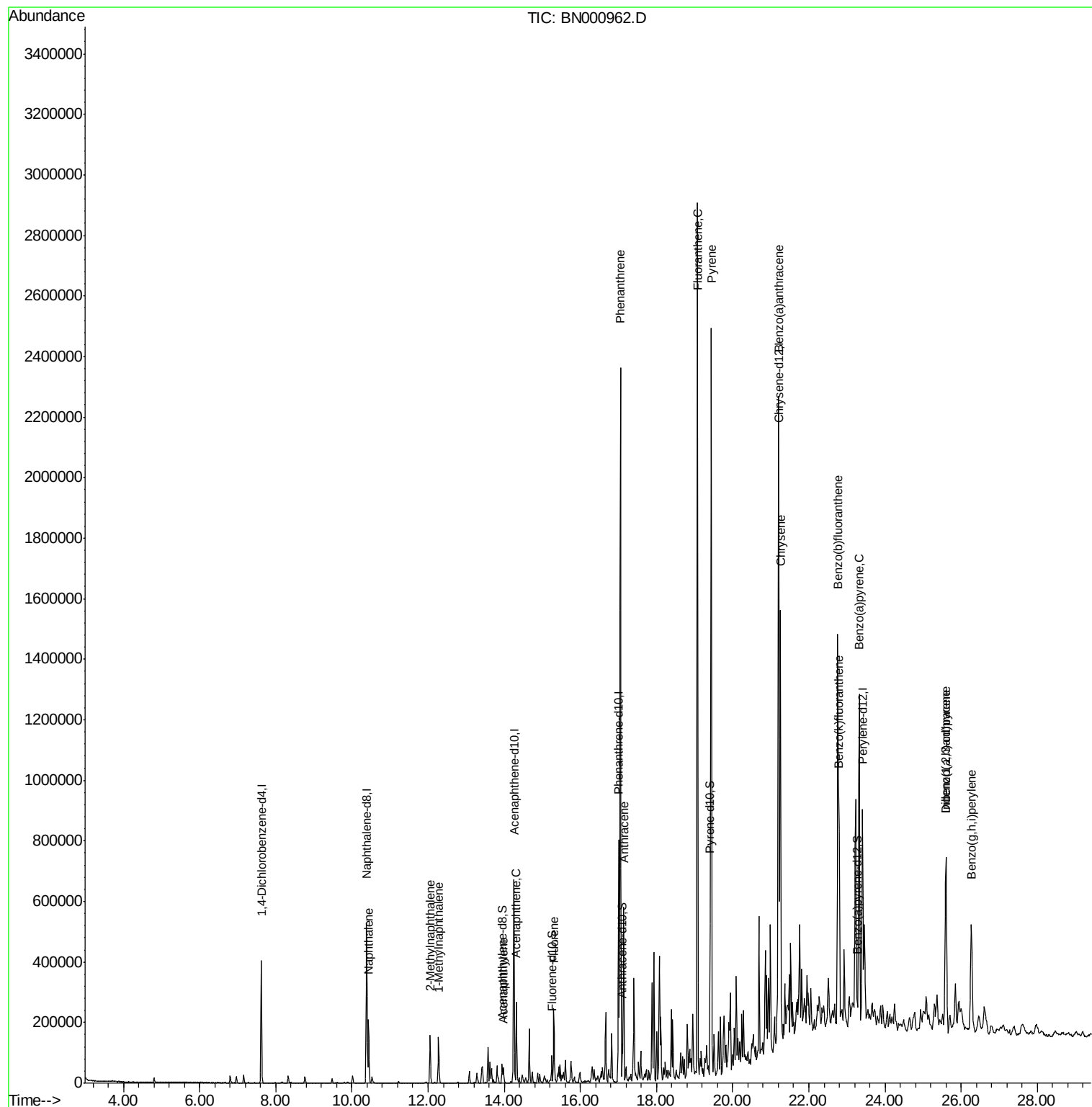
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

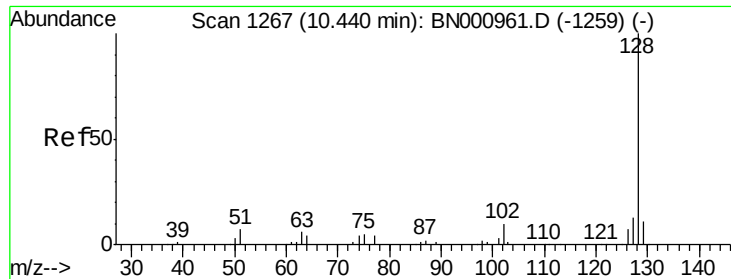
Instrument :
BNA_N
ClientSampleId :
DAS59DL

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Quant Time: Apr 27 16:12:37 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: 8.027 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN000962.D

Acq: 27 Apr 2018 10:54

Instrument :

BNA_N

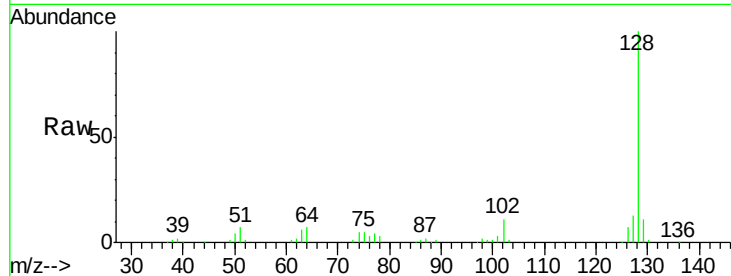
ClientSampled :

DAS59DL

Tgt Ion:	128	Resp:	168510
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.1	10.6	16.0

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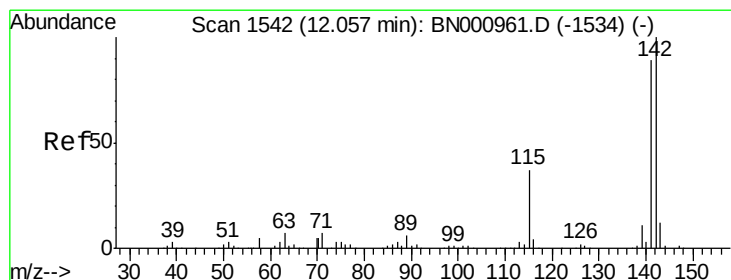
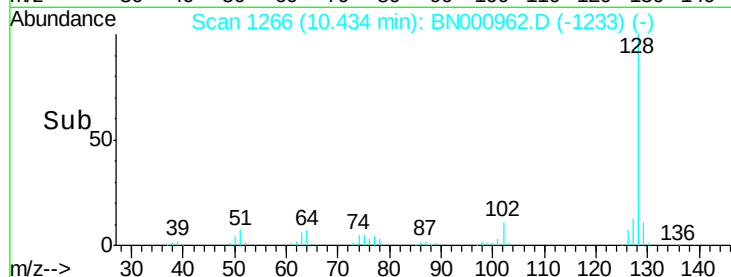
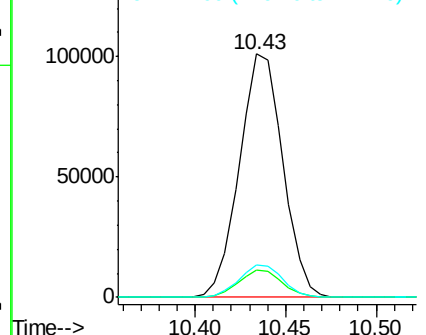
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 5.347 ng/ul

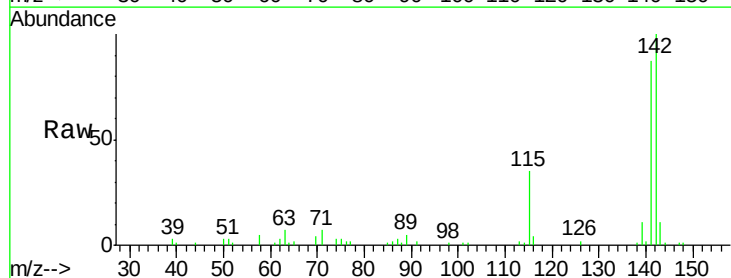
RT: 12.05 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BN000962.D

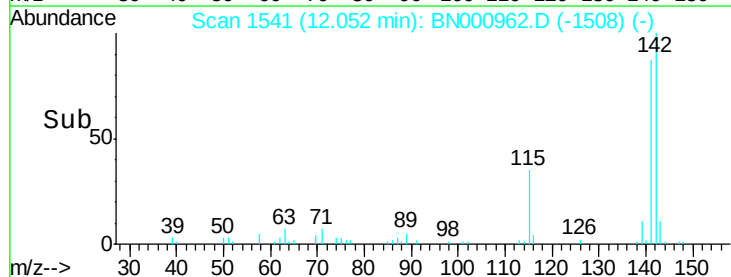
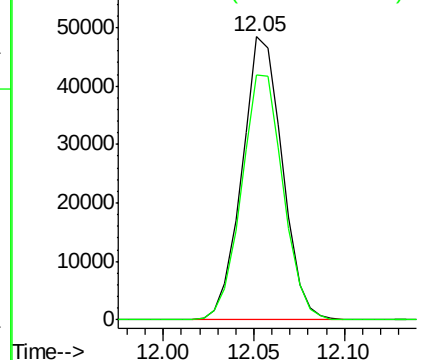
Acq: 27 Apr 2018 10:54

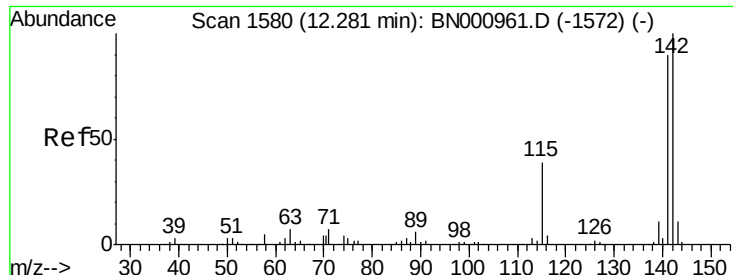
Tgt Ion:	142	Resp:	74886
Ion Ratio	Lower	Upper	
142	100		
141	86.7	72.7	109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 4.923 ng/ul

RT: 12.28 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN000962.D

Acq: 27 Apr 2018 10:54

Instrument :

BNA_N

ClientSampled :

DAS59DL

Tgt Ion:142 Resp: 67628

Ion Ratio Lower Upper

142 100

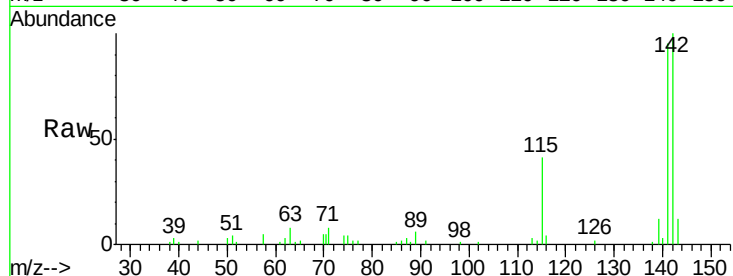
141 94.8 79.3 118.9

116 4.0 4.2 6.2#

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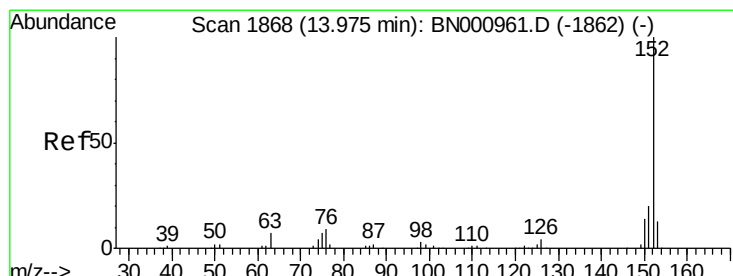
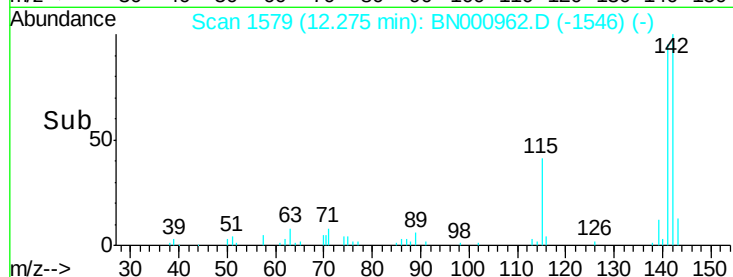
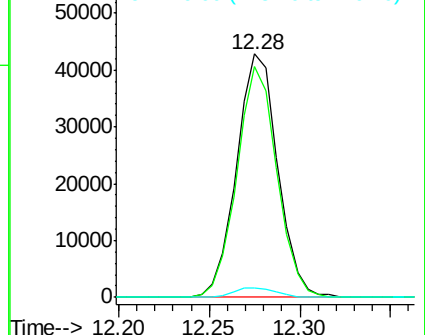
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 1.014 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BN000962.D

Acq: 27 Apr 2018 10:54

Tgt Ion:152 Resp: 20219

Ion Ratio Lower Upper

152 100

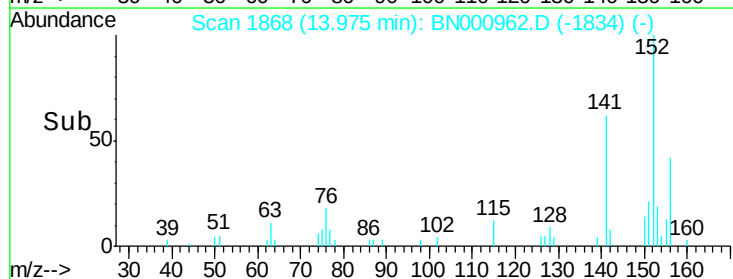
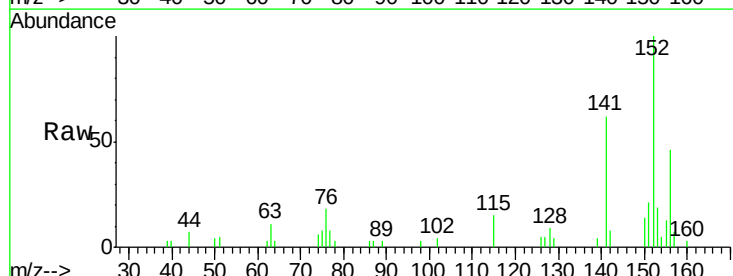
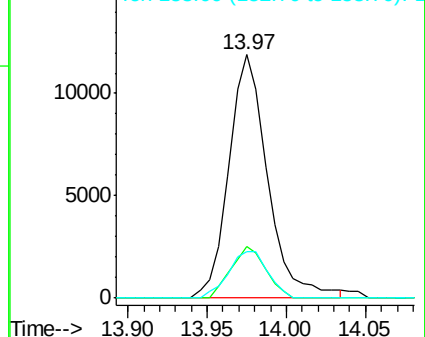
151 21.0 16.7 25.1

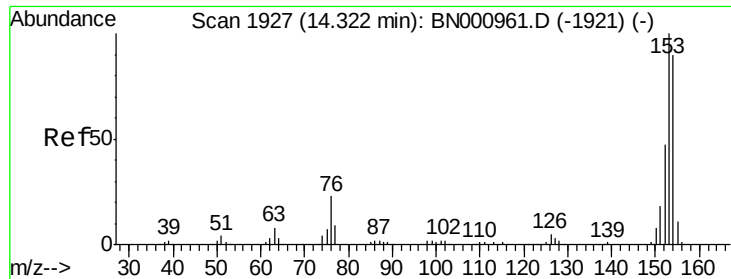
153 19.3 10.2 15.4#

Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 7.375 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BN000962.D

Acq: 27 Apr 2018 10:54

Instrument :

BNA_N

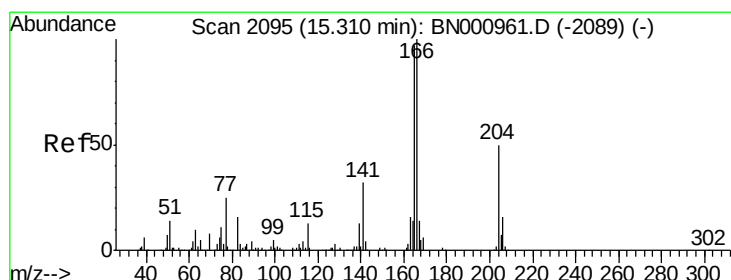
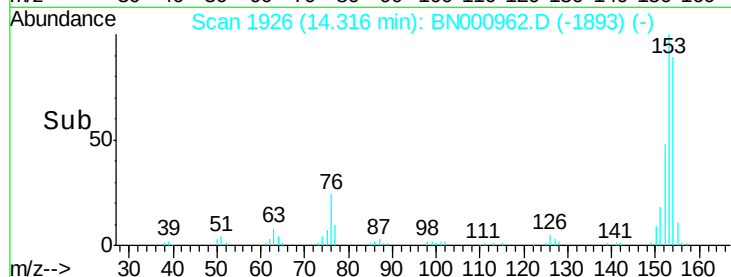
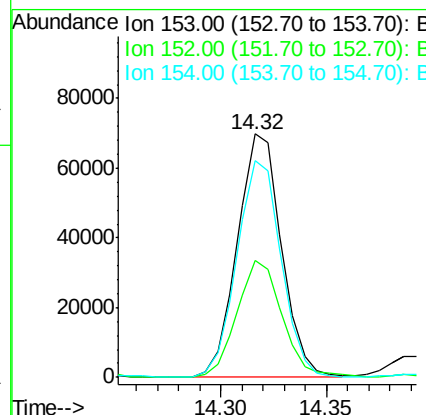
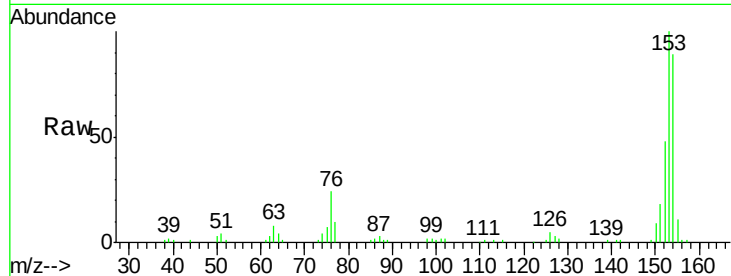
ClientSampled :

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Tgt Ion:	153	Resp:	101562
Ion Ratio	Lower	Upper	
153	100		
152	48.1	39.0	58.6
154	89.0	66.8	100.2

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#11

Fluorene

Concen: 7.094 ng/ul

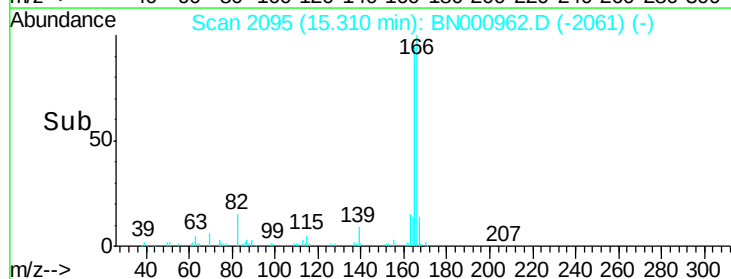
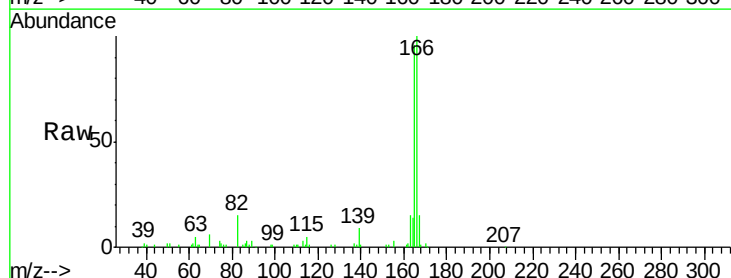
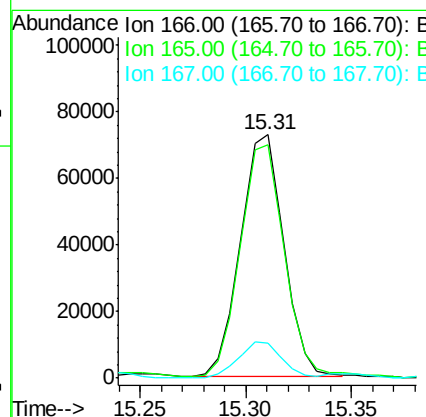
RT: 15.31 min Scan# 2095

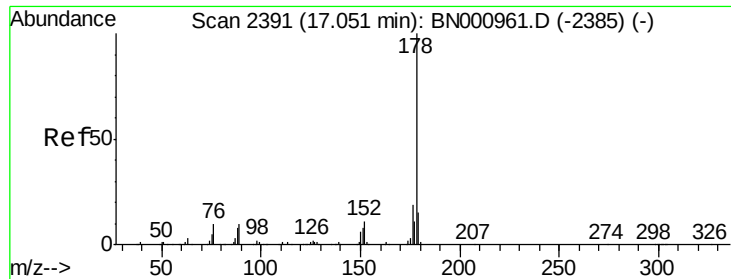
Delta R.T. 0.00 min

Lab File: BN000962.D

Acq: 27 Apr 2018 10:54

Tgt Ion:	166	Resp:	103997
Ion Ratio	Lower	Upper	
166	100		
165	95.8	83.8	125.8
167	14.6	11.5	17.3





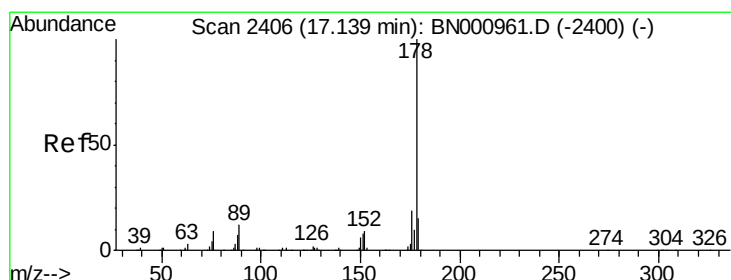
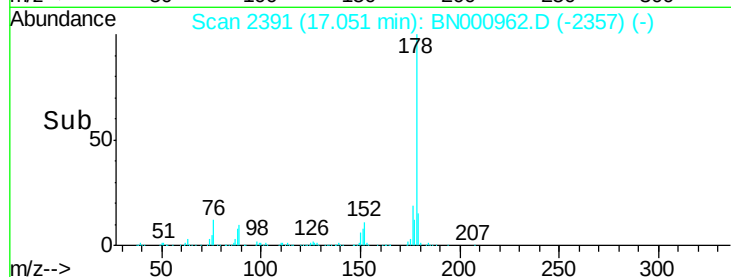
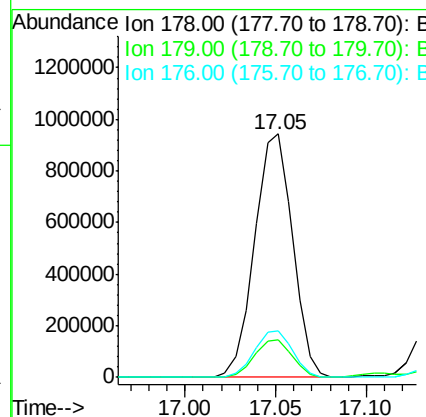
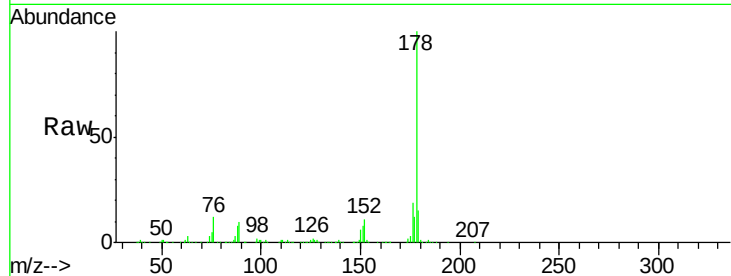
#13
Phenanthrene
Concen: 58.951 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Instrument :
BNA_N
ClientSampleId :
DAS59DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.3	15.1	22.7

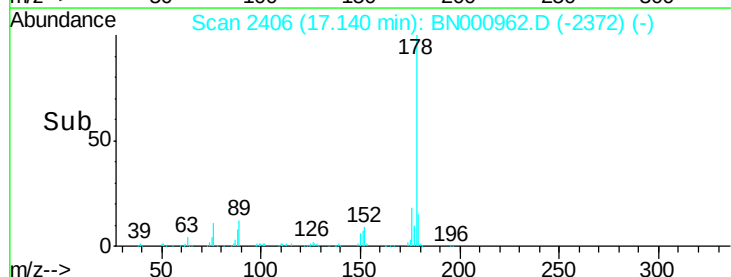
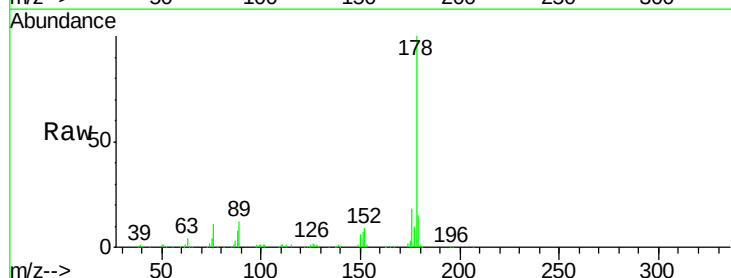
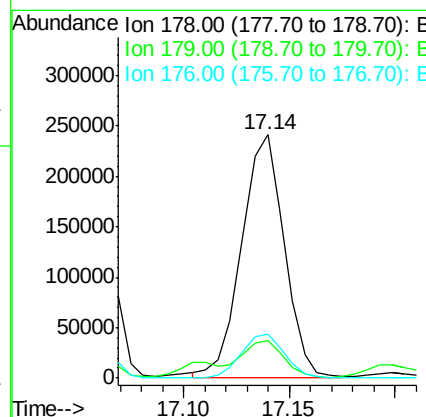
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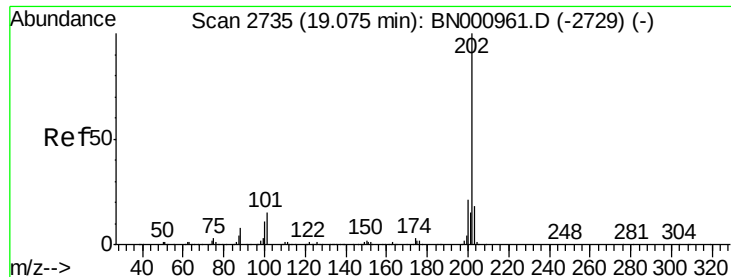
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#15
Anthracene
Concen: 14.442 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.2	15.2	22.8





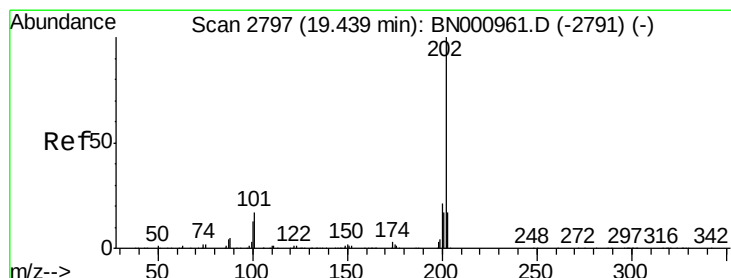
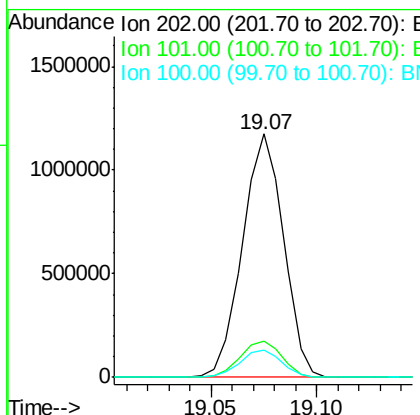
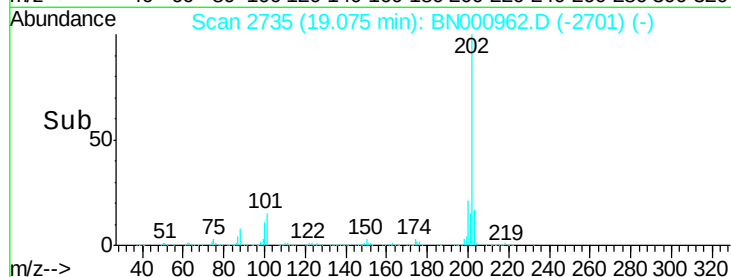
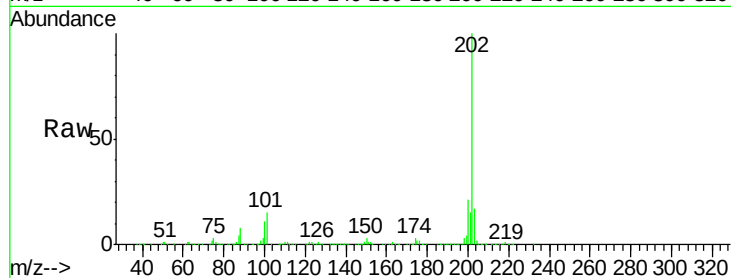
#16
 Fluoranthene
 Concen: 67.071 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: BN000962.D
 Acq: 27 Apr 2018 10:54

Instrument :
 BNA_N
 ClientSampleId :
 DAS59DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.1	7.4	11.0

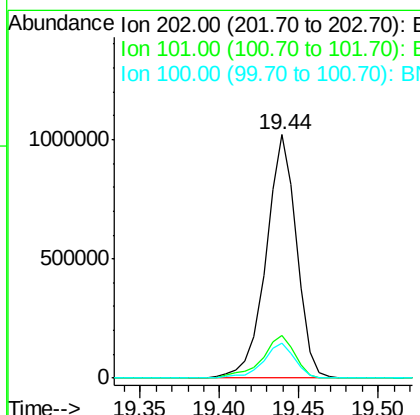
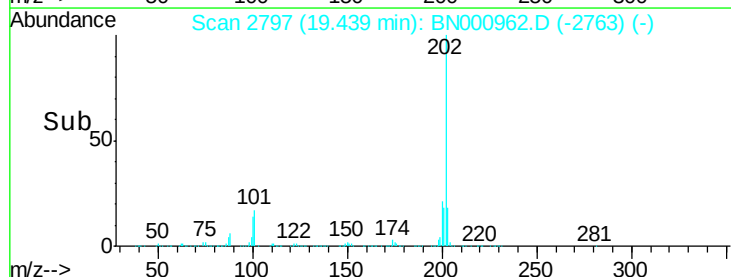
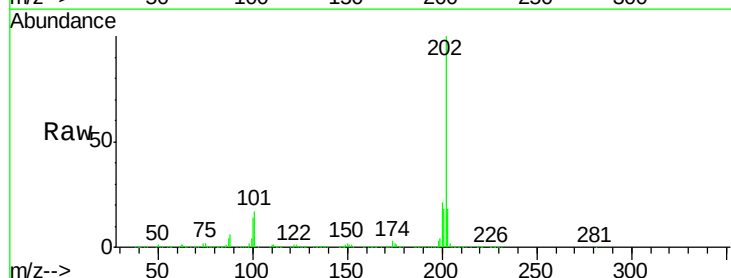
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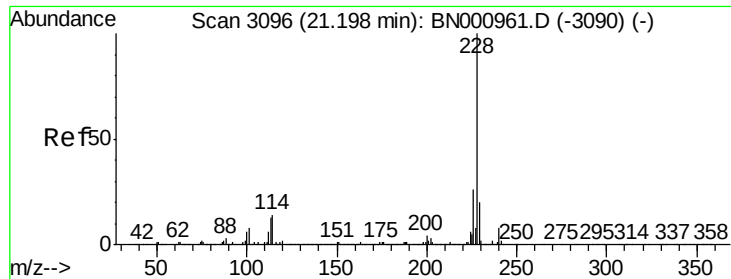
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#19
 Pyrene
 Concen: 51.399 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: BN000962.D
 Acq: 27 Apr 2018 10:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4
100	14.4	8.1	12.1





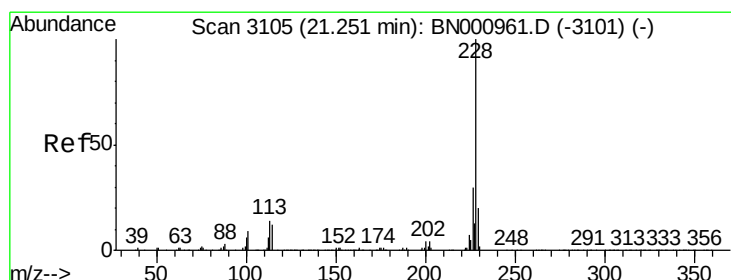
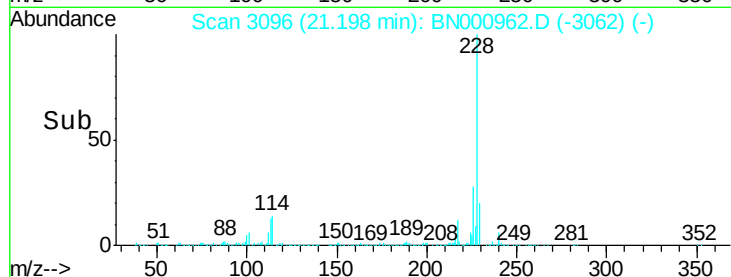
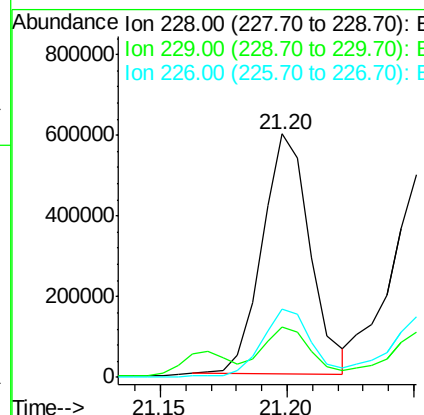
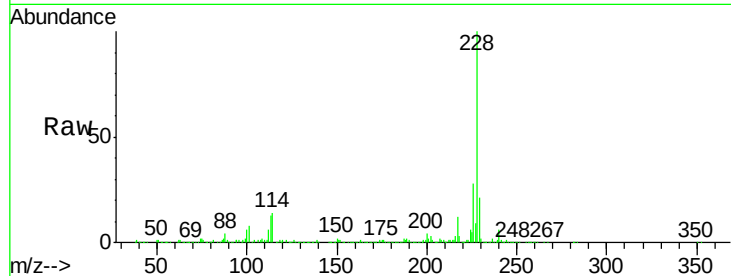
#20
Benzo(a)anthracene
Concen: 31.639 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Instrument :
BNA_N
ClientSampleId :
DAS59DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.8	21.1	31.7

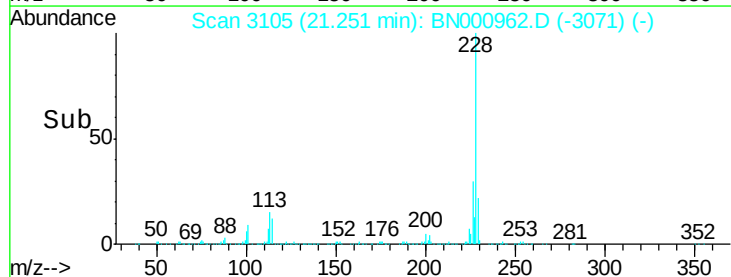
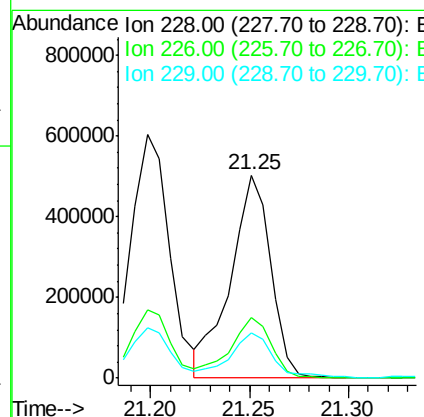
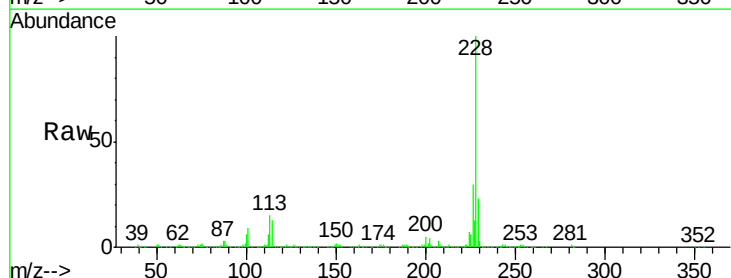
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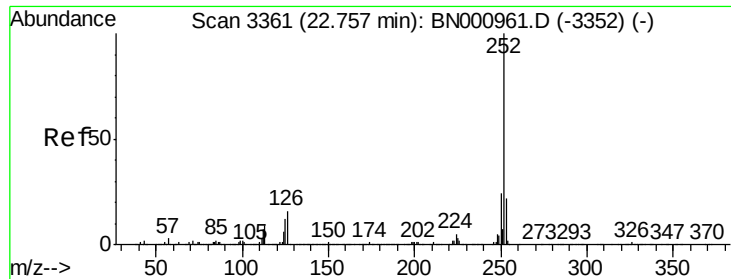
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#21
Chrysene
Concen: 30.251 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	22.6	15.8	23.8





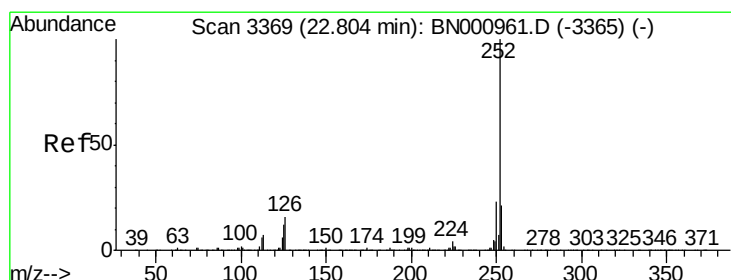
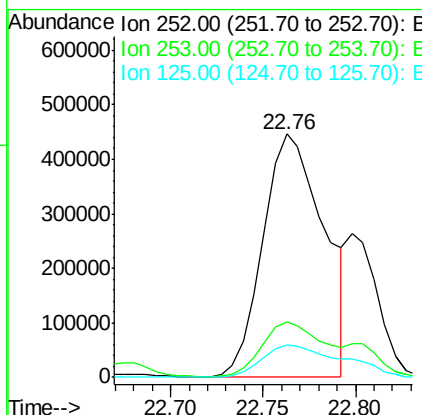
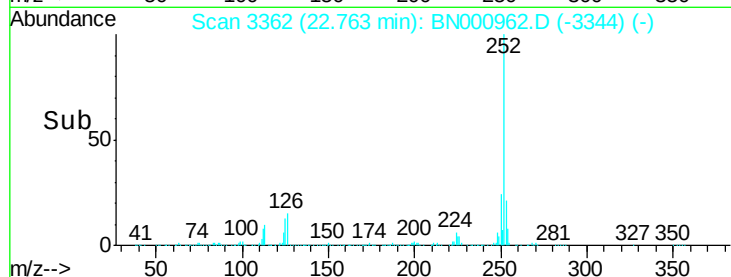
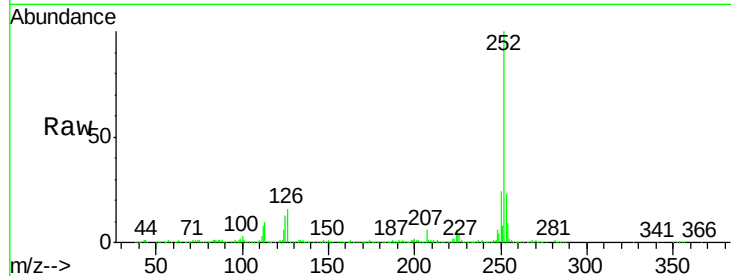
#23
Benzo(b)fluoranthene
Concen: 41.160 ng/ul m
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Instrument :
BNA_N
ClientSampled :
DAS59DL

Tgt Ion:252 Resp: 1032402
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 13.3 8.0 12.0#

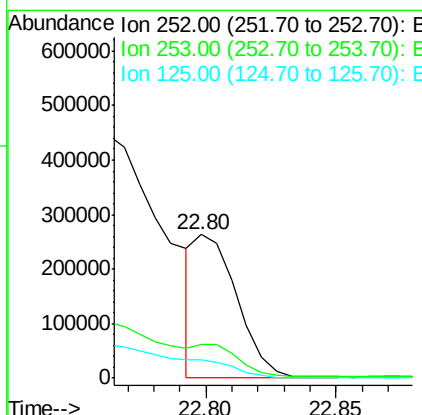
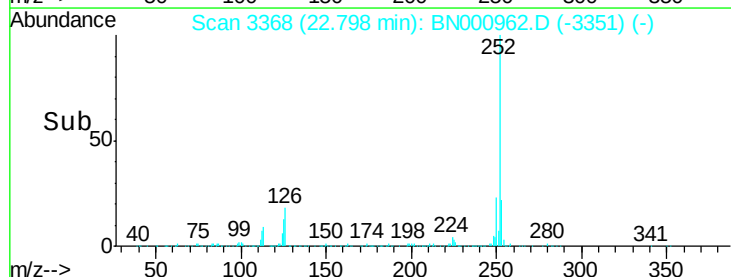
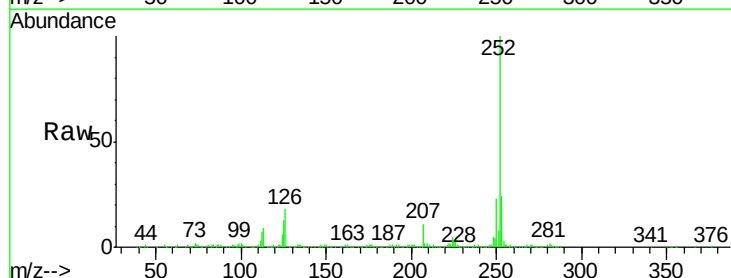
Manual Integrations
APPROVED

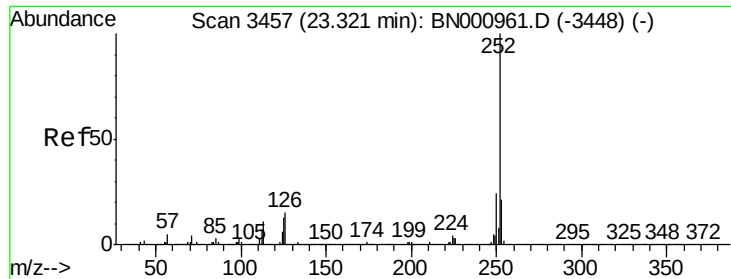
Sohil
4/27/2018 7:28:05 PM



#24
Benzo(k)fluoranthene
Concen: 12.234 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Tgt Ion:252 Resp: 300273
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 13.0 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 29.005 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BN000962.D

Acq: 27 Apr 2018 10:54

Instrument :

BNA_N

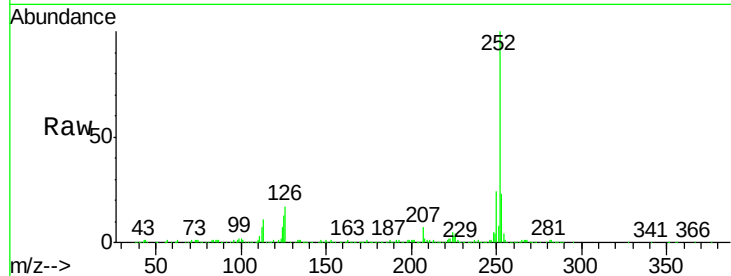
ClientSampled :

DAS59DL

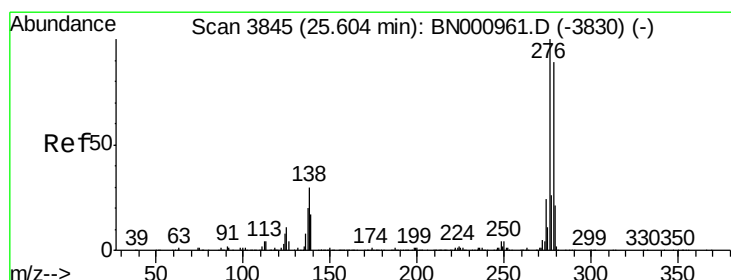
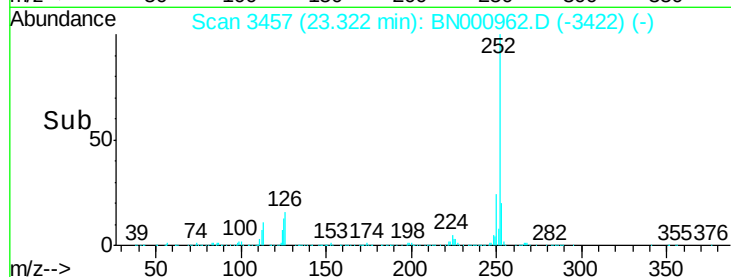
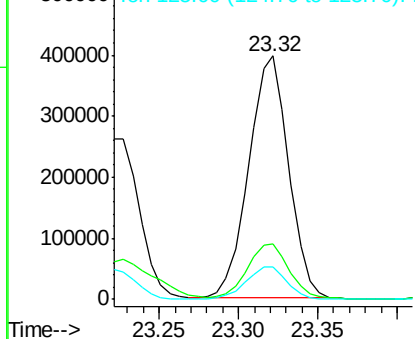
Tgt Ion:	252	Resp:	695284
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	13.2	8.2	12.4#

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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



#27

Indeno(1,2,3-cd)pyrene

Concen: 16.431 ng/ul

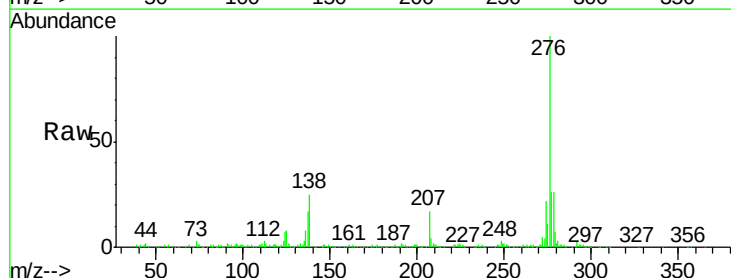
RT: 25.60 min Scan# 3844

Delta R.T. 0.00 min

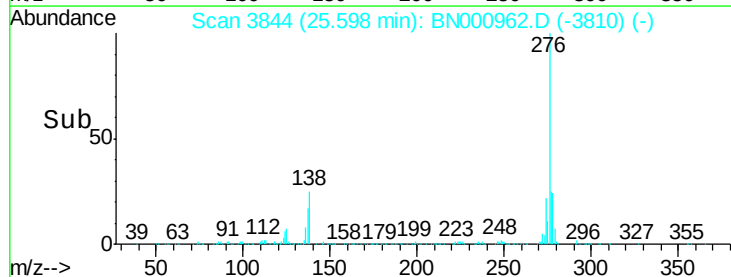
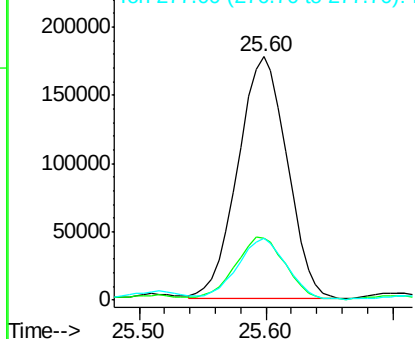
Lab File: BN000962.D

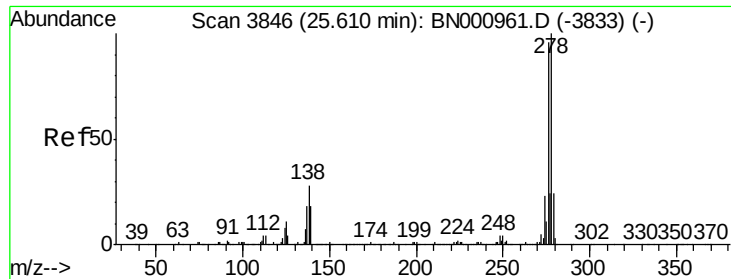
Acq: 27 Apr 2018 10:54

Tgt Ion:	276	Resp:	475727
Ion Ratio	Lower	Upper	
276	100		
138	25.3	14.4	21.6#
277	25.5	18.0	27.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





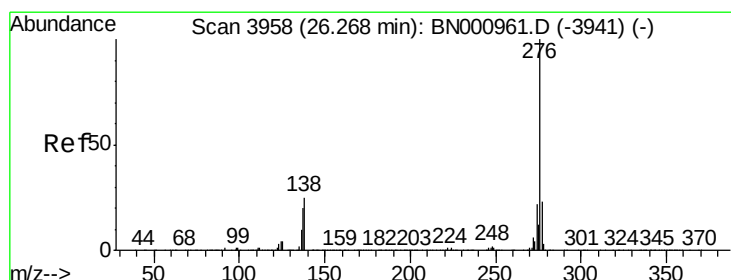
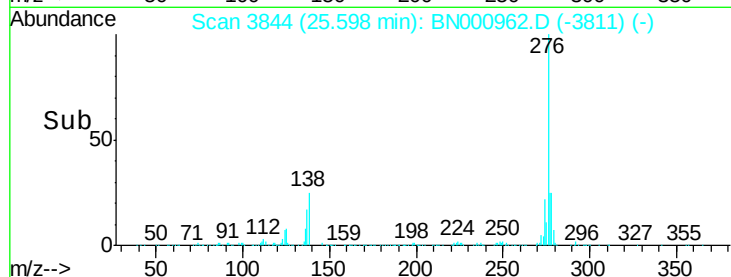
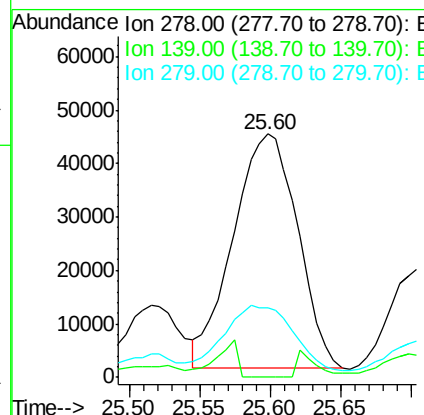
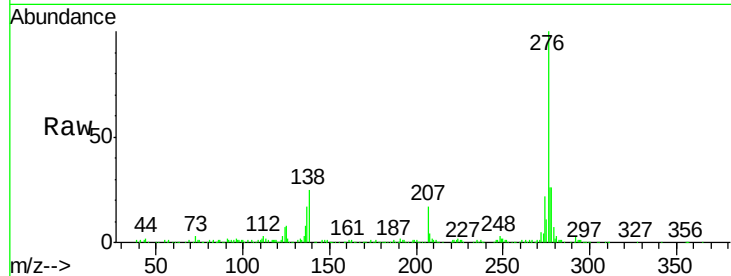
#28
Dibenzo(a,h)anthracene
Concen: 5.762 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Instrument :
BNA_N
ClientSampleId :
DAS59DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.5	19.2	28.8

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#29
Benzo(g,h,i)perylene
Concen: 15.794 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BN000962.D
Acq: 27 Apr 2018 10:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	25.0	19.0	28.4

