

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
 Data File : BN001975.D
 Acq On : 05 Jul 2018 19:41
 Operator : JU/SJ
 Sample : J3721-15DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 F1H01DL

Manual Integrations
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 7/6/2018 5:19:45 PM

Quant Time: Jul 06 03:23:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	590590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2650561	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1506979	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3152620	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2137270	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2028104	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	7347	0.54	ng/uL	0.00
5) Phenol-d5	6.88	99	183809	3.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	109221	3.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	142830	3.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	149490	3.49	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	70281	3.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	74581	3.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	155509	3.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	139295	3.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	507340	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	621752	3.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	51853	2.21	ng/ul	0.00
57) Fluorene-d10	15.33	176	454067	4.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	41569	2.42	ng/ul	0.00
70) Anthracene-d10	17.18	188	642046	4.22	ng/ul	0.00
76) Pyrene-d10	19.48	212	611995	5.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	443695	4.02	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.80	163	277240	2.217	ng/ul	98
47) Acenaphthylene	14.06	152	506291	3.339	ng/ul	99
69) Phenanthrene	17.12	178	272736	1.536	ng/ul	99
71) Anthracene	17.22	178	593245	3.300	ng/ul	97
74) Fluoranthene	19.15	202	6560538	35.144	ng/ul#	88
77) Pyrene	19.52	202	9565950	71.522	ng/ul#	86
80) Benzo(a)anthracene	21.27	228	4557871	33.743	ng/ul	96
82) Chrysene	21.32	228	5083222	40.446	ng/ul	98
85) Benzo(b)fluoranthene	22.86	252	9571744	74.724	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	2350545m	18.923	ng/ul	
88) Benzo(a)pyrene	23.42	252	4413523	36.871	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	3468123	27.228	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.76	278	911720	8.601	ng/ul#	89
91) Benzo(g,h,i)perylene	26.43	276	2908857	27.685	ng/ul#	91

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

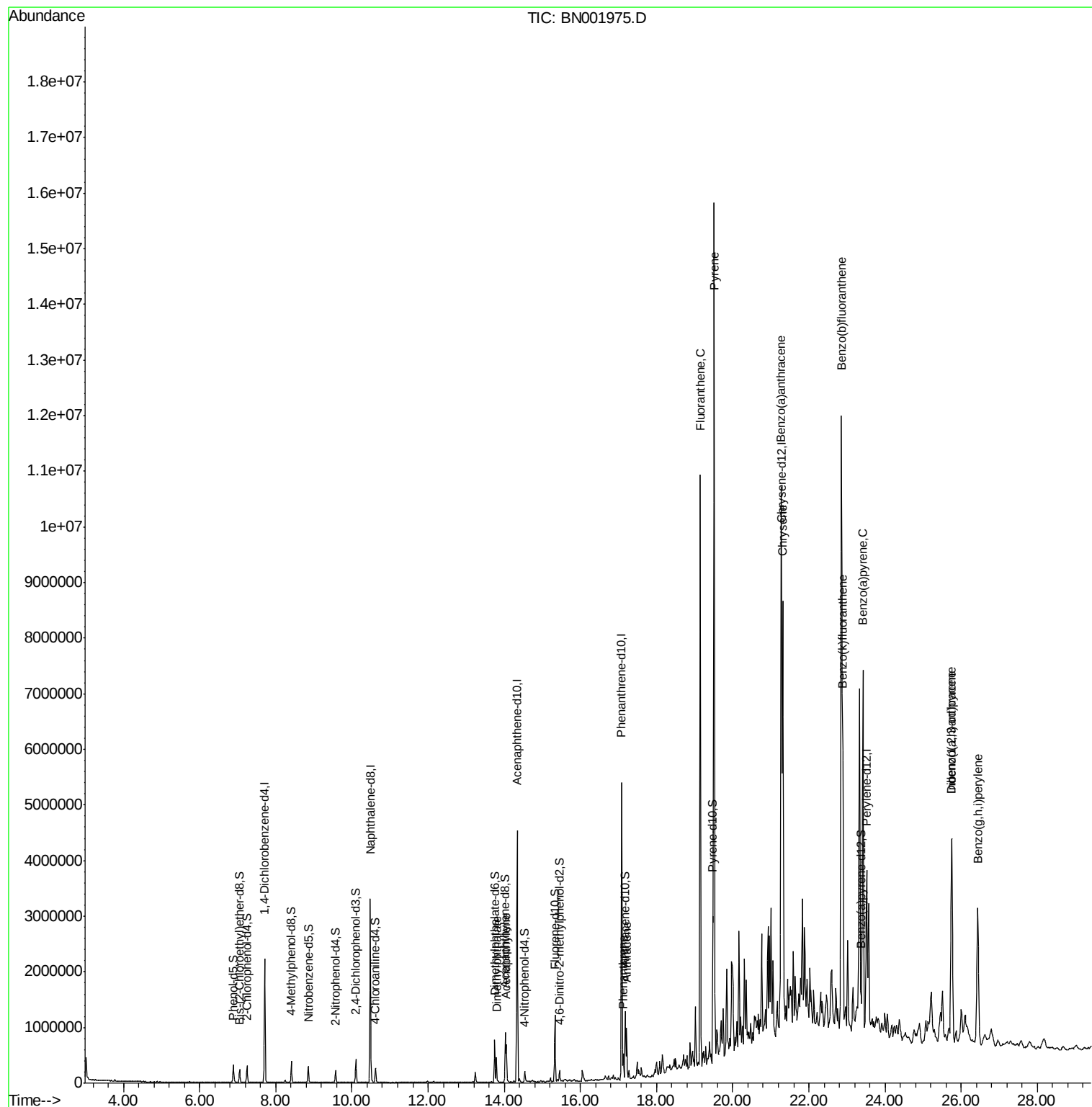
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001975.D
Acq On : 05 Jul 2018 19:41
Operator : JU/SJ
Sample : J3721-15DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

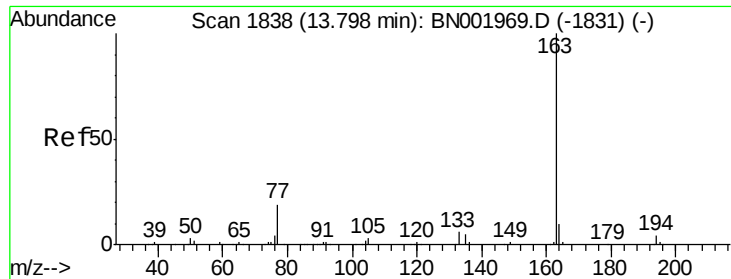
Instrument :
BNA_N
ClientSampleId :
F1H01DL

Quant Time: Jul 06 03:23:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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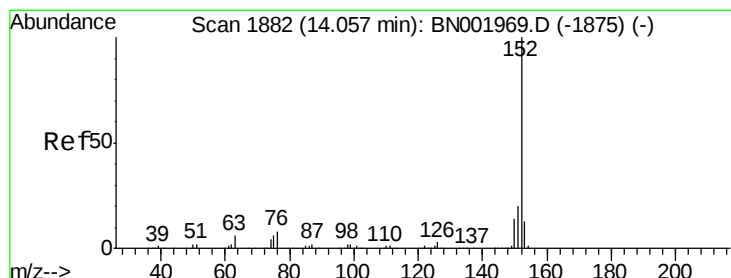
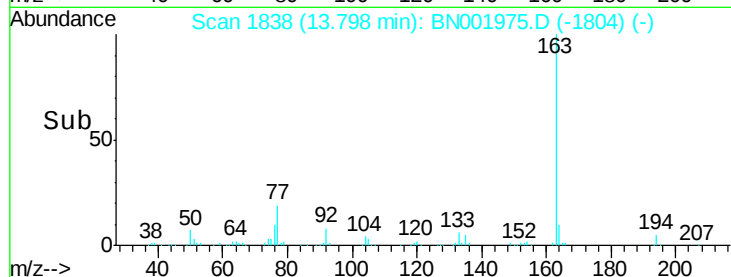
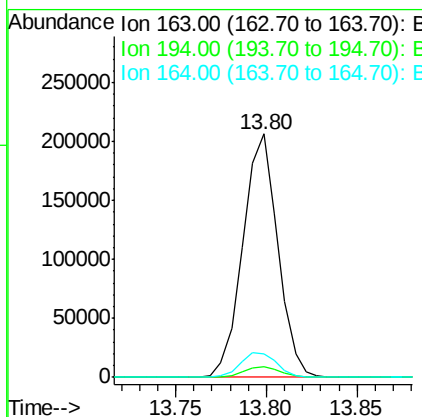
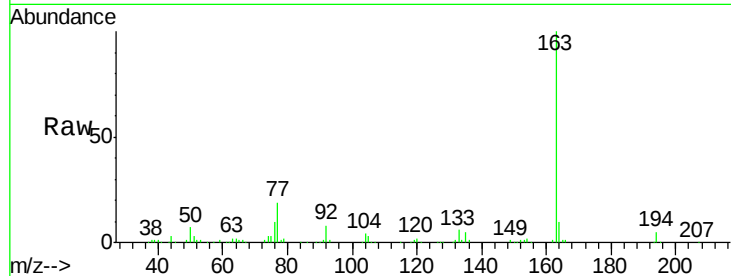
#44
Dimethylphthalate
Concen: 2.217 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Instrument :
BNA_N
ClientSampled :
F1H01DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	277240		
194	4.6		4.0	6.0
164	9.8		8.4	12.6

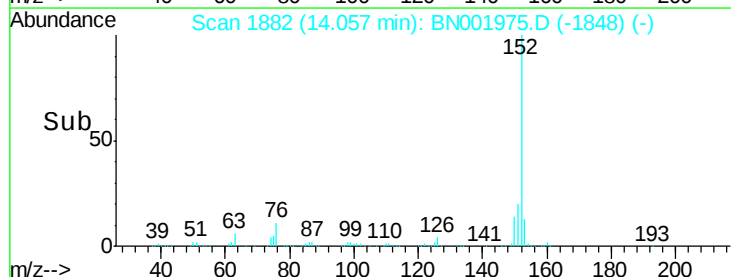
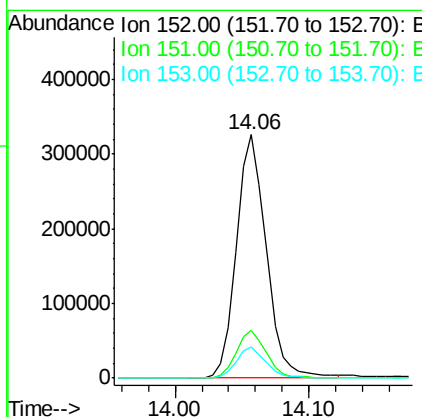
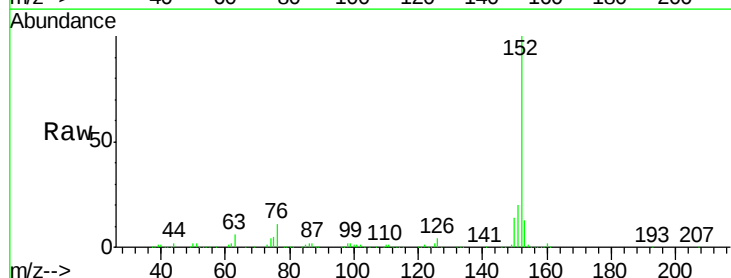
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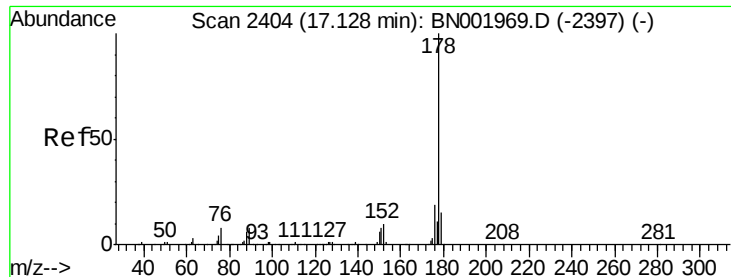
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#47
Acenaphthylene
Concen: 3.339 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	506291		
151	19.7		16.1	24.1
153	12.6		10.8	16.2





#69

Phenanthrene

Concen: 1.536 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

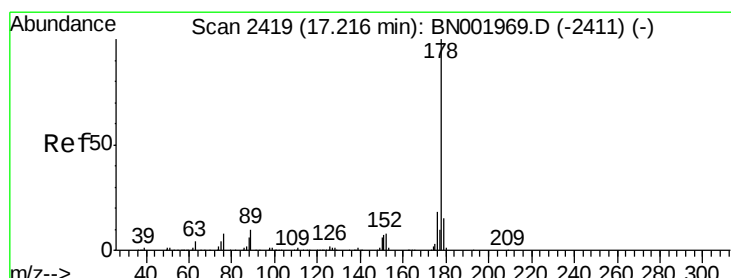
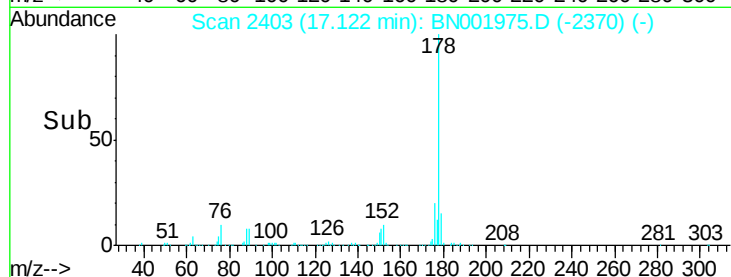
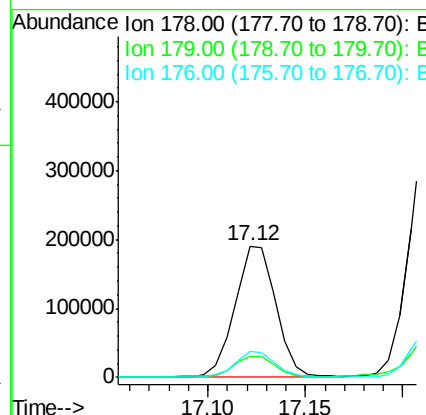
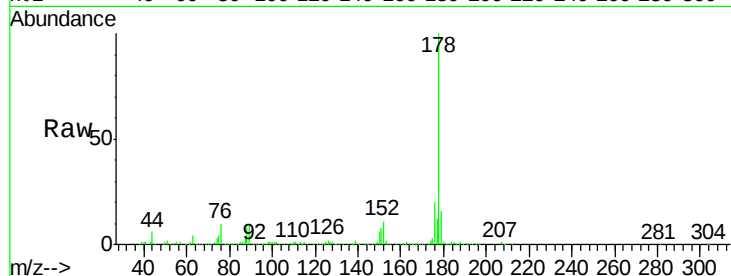
ClientSampled :

F1H01DL

Tgt Ion:	178	Resp:	272736
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	20.1	15.4	23.0

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#71

Anthracene

Concen: 3.300 ng/ul

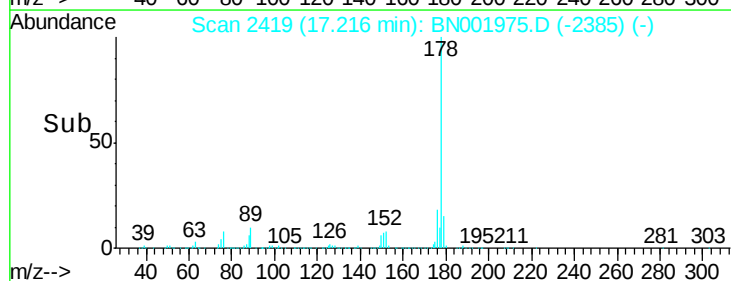
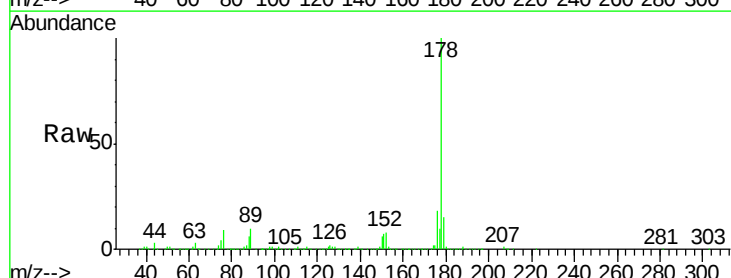
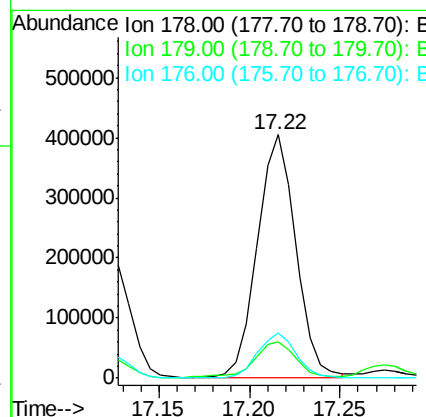
RT: 17.22 min Scan# 2419

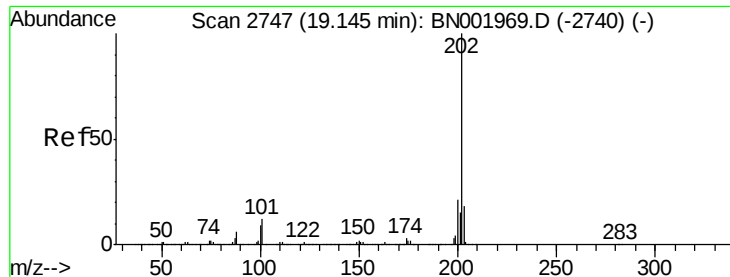
Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Tgt Ion:	178	Resp:	593245
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.4	20.2
176	18.3	15.4	23.0





#74

Fluoranthene

Concen: 35.144 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F1H01DL

Tgt Ion:202 Resp: 6560538

Ion Ratio Lower Upper

202 100

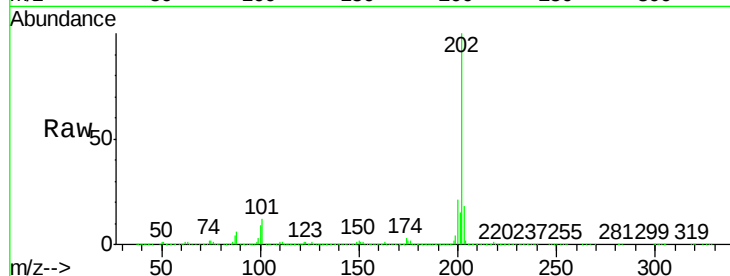
101 12.4 6.1 9.1#

100 9.5 4.6 7.0#

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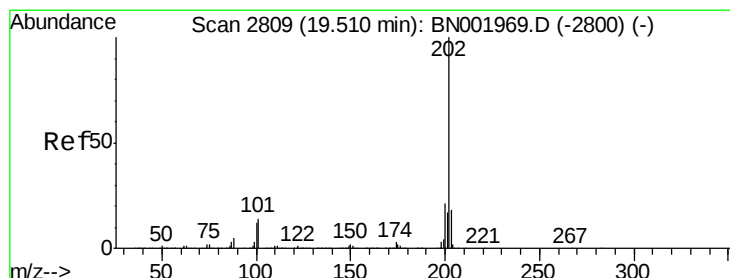
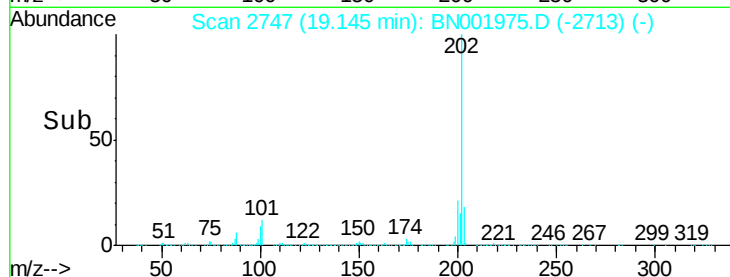
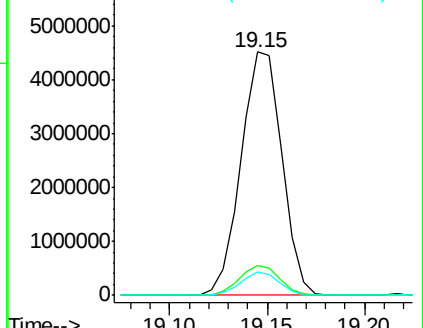
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 71.522 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

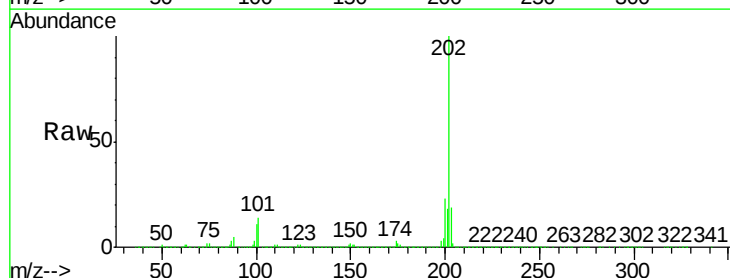
Tgt Ion:202 Resp: 9565950

Ion Ratio Lower Upper

202 100

101 14.2 6.9 10.3#

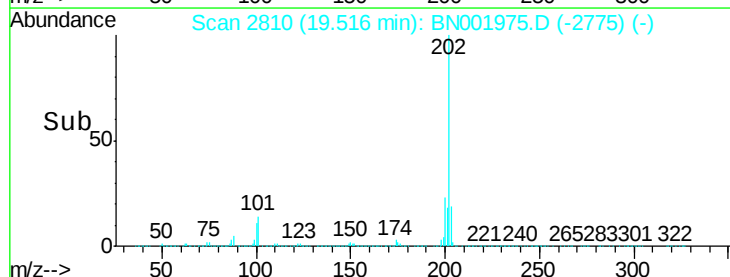
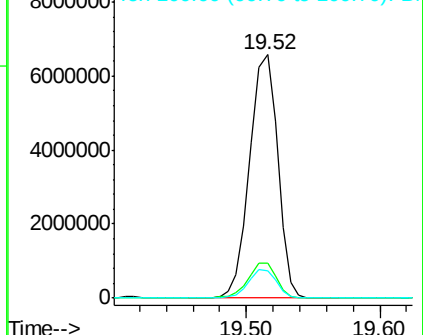
100 11.4 5.6 8.4#

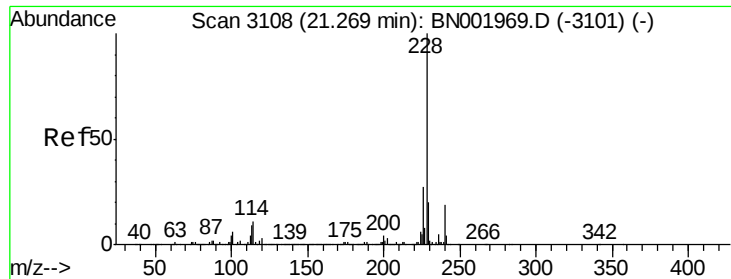


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





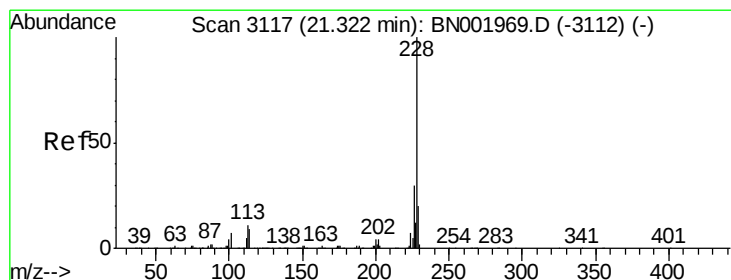
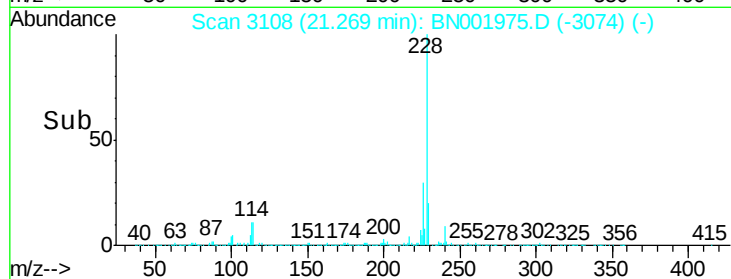
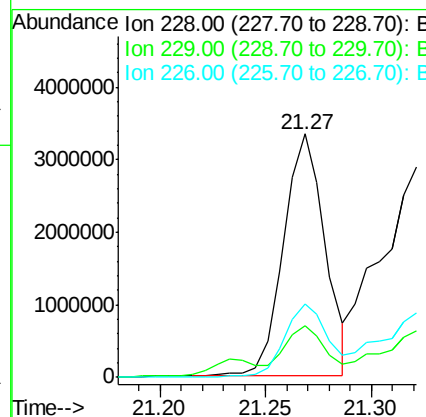
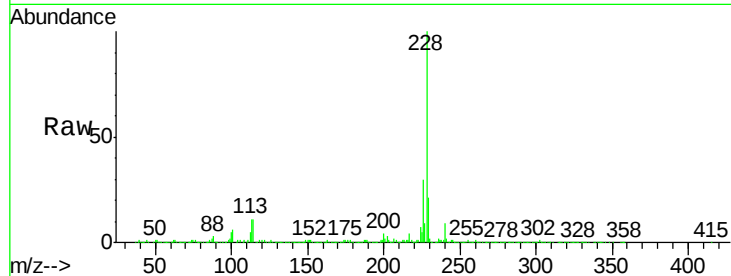
#80
Benzo(a)anthracene
Concen: 33.743 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Instrument :
BNA_N
ClientSampleId :
F1H01DL

Tgt Ion:228 Resp: 4557871
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 30.0 21.8 32.8

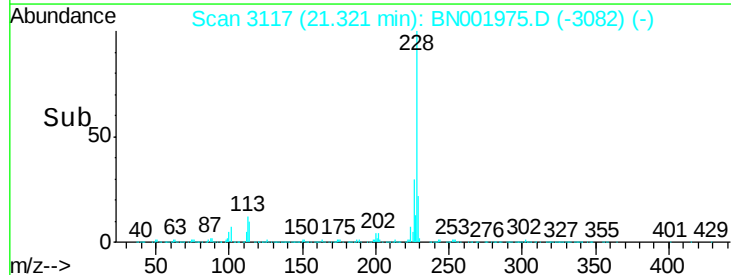
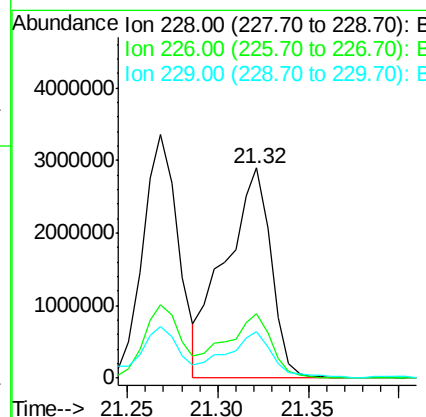
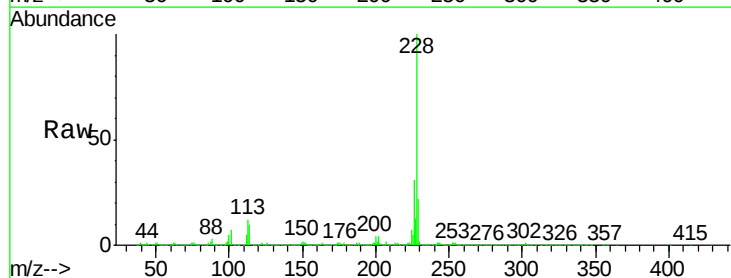
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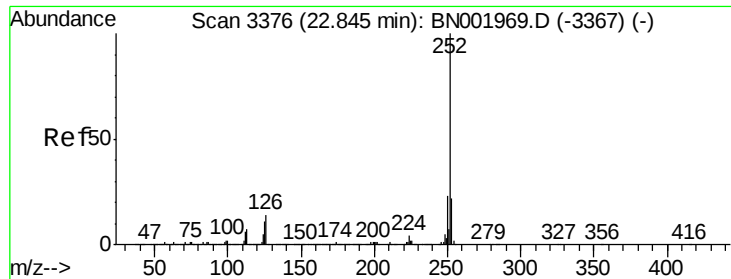
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#82
Chrysene
Concen: 40.446 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Tgt Ion:228 Resp: 5083222
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.0 16.0 24.0





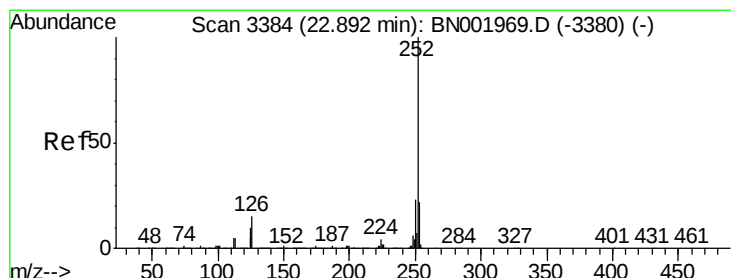
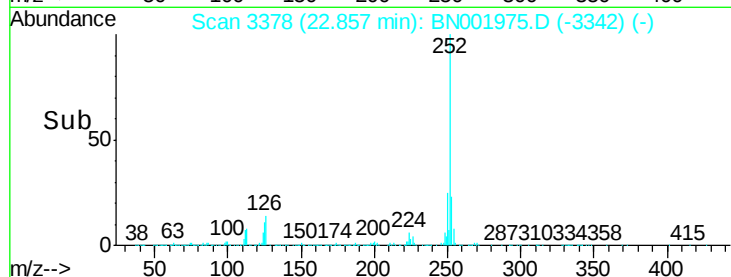
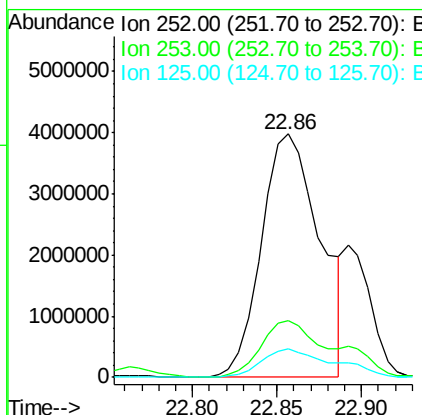
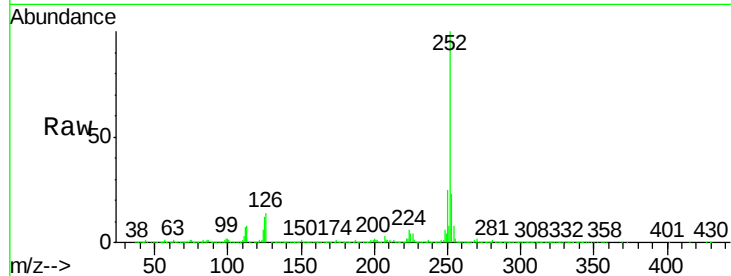
#85
Benzo(b)fluoranthene
Concen: 74.724 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Instrument :
BNA_N
ClientSampled :
F1H01DL

Tgt Ion:252 Resp: 9571744
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 11.5 4.9 7.3#

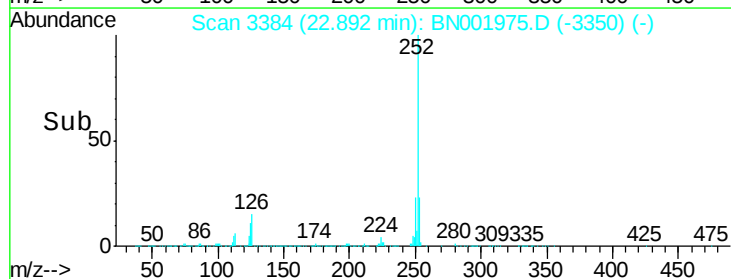
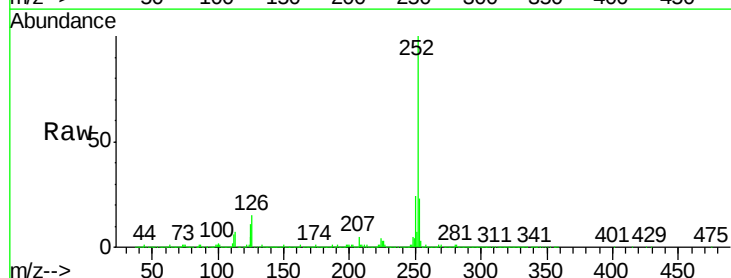
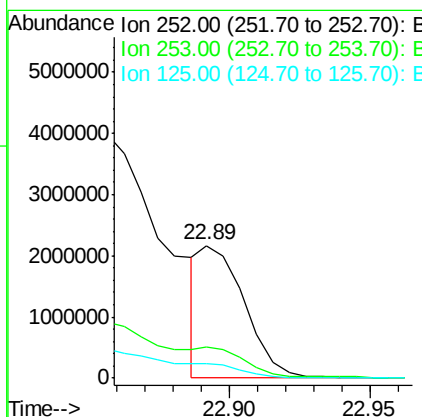
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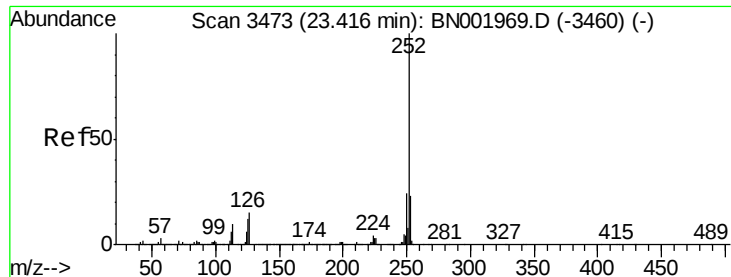
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#86
Benzo(k)fluoranthene
Concen: 18.923 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Tgt Ion:252 Resp: 2350545
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 11.0 5.4 8.0#





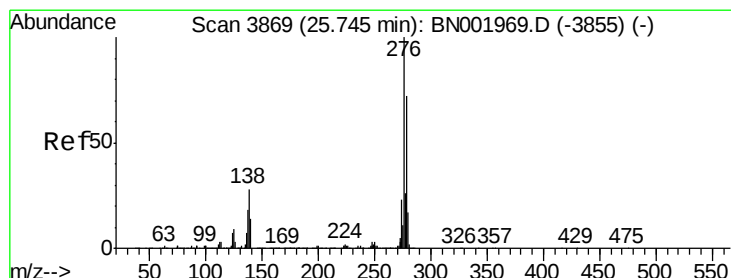
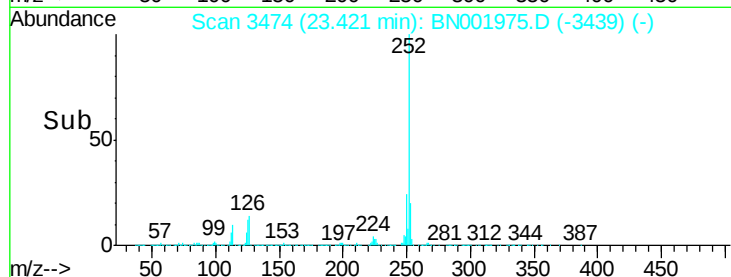
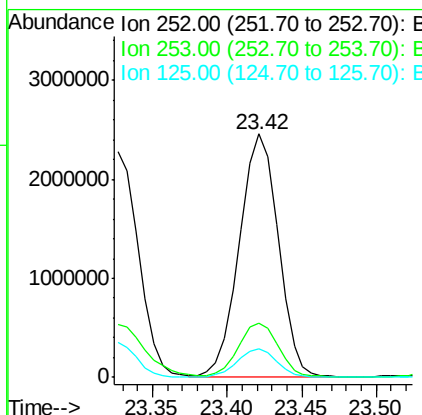
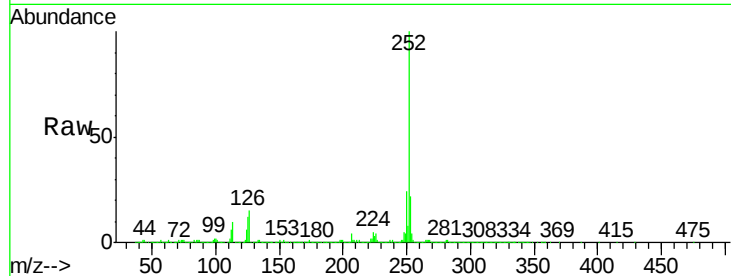
#88
Benzo(a)pyrene
Concen: 36.871 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Instrument :
BNA_N
ClientSampleId :
F1H01DL

Tgt Ion:252 Resp: 4413523
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.8 5.8 8.6#

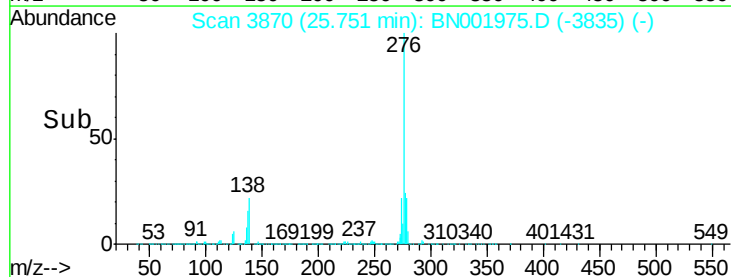
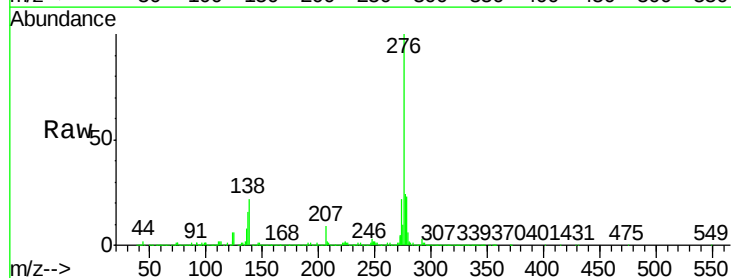
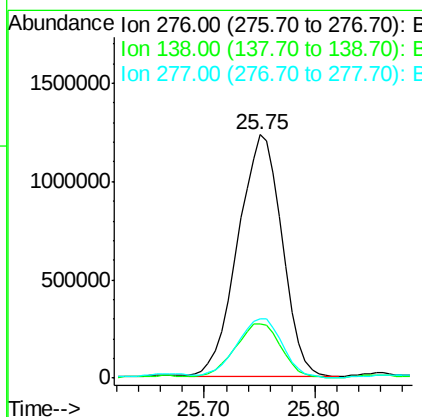
Manual Integrations
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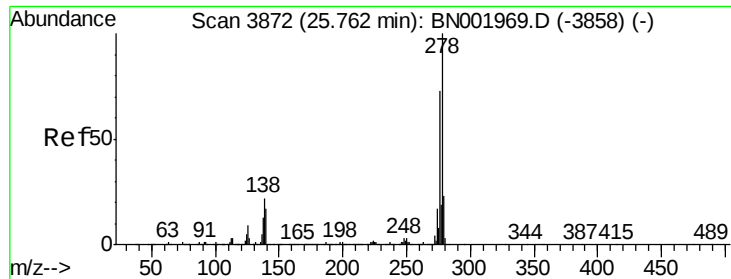
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#89
Indeno(1,2,3-cd)pyrene
Concen: 27.228 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Tgt Ion:276 Resp: 3468123
Ion Ratio Lower Upper
276 100
138 22.1 10.9 16.3#
277 24.2 18.9 28.3





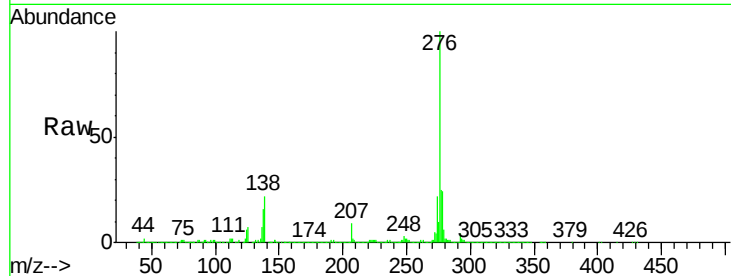
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Dibenzo(a,h)anthracene
Concen: 8.601 ng/ul
RT: 25.76 min Scan# 3871
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Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Instrument :
BNA_N
ClientSampleId :
F1H01DL

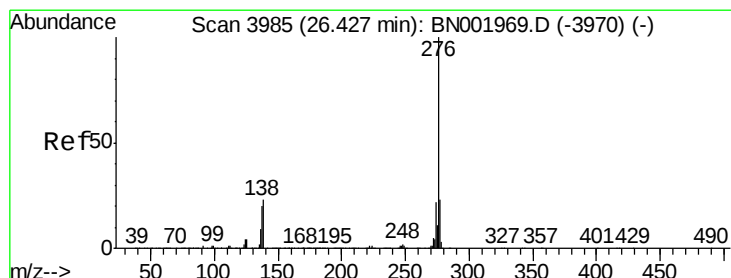
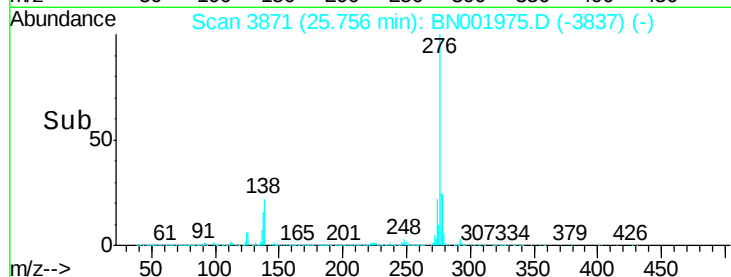
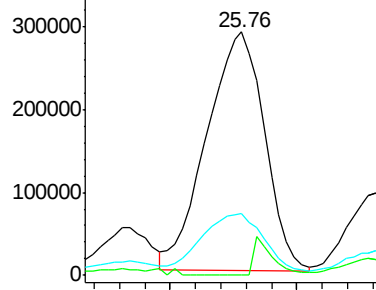
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	25.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
7/6/2018 5:19:45 PM

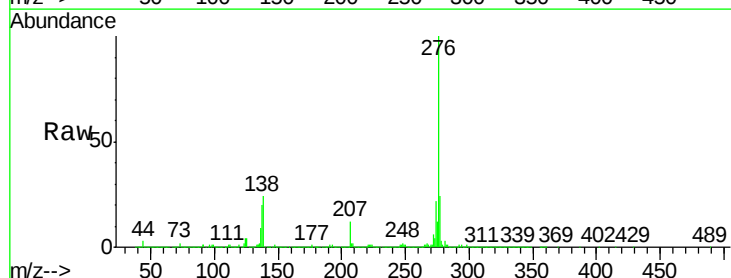


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 27.685 ng/ul
RT: 26.43 min Scan# 3986
Delta R.T. 0.01 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	11.2	16.8#
277	23.7	19.0	28.6



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

