

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
 Data File : BN001973.D
 Acq On : 05 Jul 2018 18:30
 Operator : JU/SJ
 Sample : J3721-21DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H22DL

Manual Integrations
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Sohil
 7/6/2018 5:19:41 PM

Quant Time: Jul 06 02:21:22 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	655903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3028486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1748844	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3695375	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2894338	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2501873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	22862	1.51	ng/uL	0.00
5) Phenol-d5	6.88	99	522394	8.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	346069	9.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	437948	9.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	423990	8.92	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	220245	9.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	242760	10.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	468173	9.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	428731	8.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1481711	10.03	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1828578	10.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155731	5.72	ng/ul	0.00
57) Fluorene-d10	15.33	176	1301794	10.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	168219	8.36	ng/ul	0.00
70) Anthracene-d10	17.18	188	1907919	10.69	ng/ul	0.00
76) Pyrene-d10	19.48	212	1974178	13.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1453137	10.68	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.91	94	62379	1.042	ng/ul 94
44) Dimethylphthalate	13.80	163	756604	5.213	ng/ul 99
47) Acenaphthylene	14.06	152	574995	3.267	ng/ul 98
69) Phenanthrene	17.12	178	337318	1.620	ng/ul 100
71) Anthracene	17.22	178	752160	3.570	ng/ul 97
72) Carbazole	17.49	167	176614	1.001	ng/ul 97
74) Fluoranthene	19.15	202	4886687	22.333	ng/ul# 89
77) Pyrene	19.52	202	8353356	46.119	ng/ul# 87
80) Benzo(a)anthracene	21.27	228	4354800	23.807	ng/ul 94
82) Chrysene	21.32	228	4607708m	27.072	ng/ul
85) Benzo(b)fluoranthene	22.86	252	8483409	53.687	ng/ul# 94
86) Benzo(k)fluoranthene	22.89	252	2856590m	18.642	ng/ul
88) Benzo(a)pyrene	23.42	252	4769928	32.303	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.75	276	3236045	20.595	ng/ul# 91
90) Dibenzo(a,h)anthracene	25.75	278	829864	6.346	ng/ul# 89
91) Benzo(g,h,i)perylene	26.43	276	2577937	19.889	ng/ul# 91

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

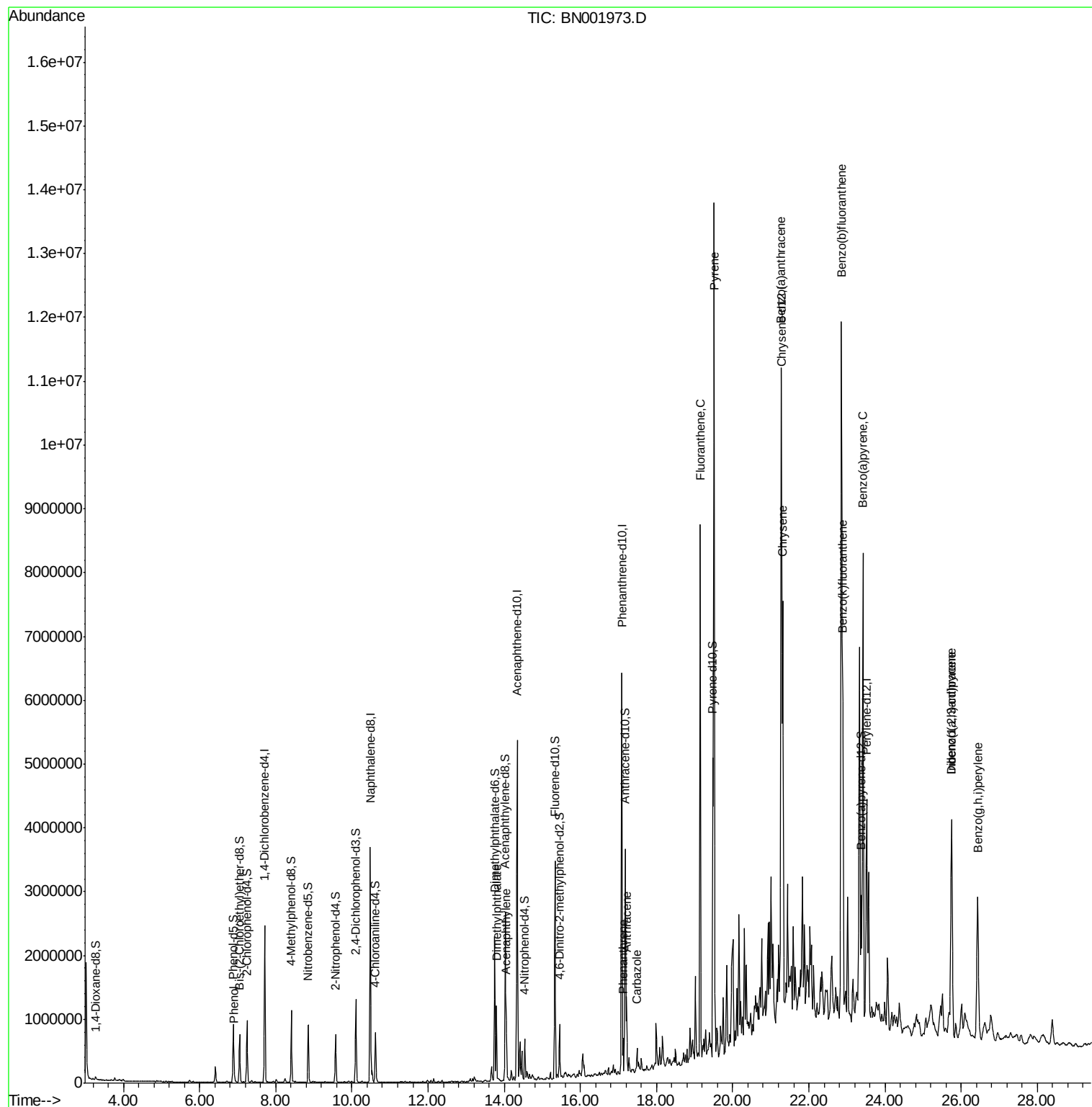
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

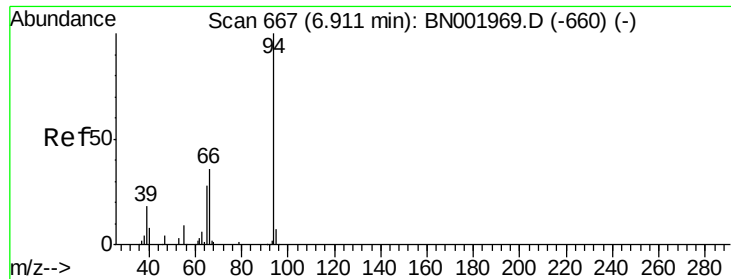
Instrument :
BNA_N
ClientSampleId :
F1H22DL

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Quant Time: Jul 06 02:21:22 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





#6

Phenol

Concen: 1.042 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

F1H22DL

Tgt Ion: 94 Resp: 62379

Ion Ratio Lower Upper

94 100

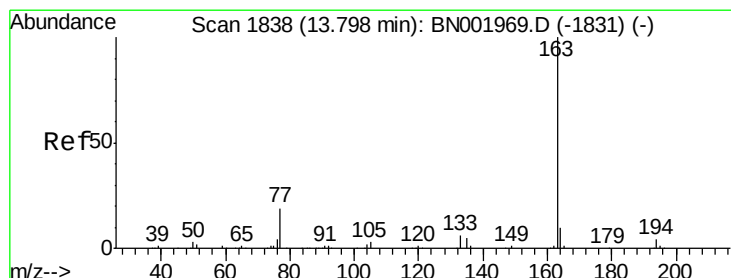
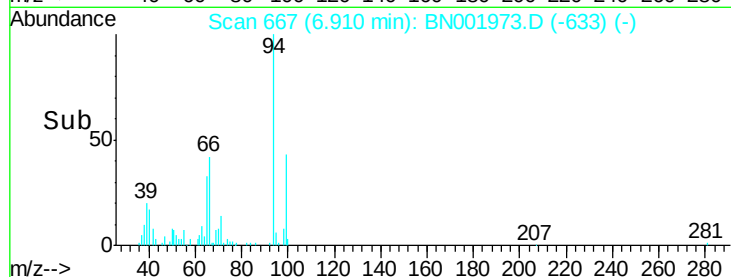
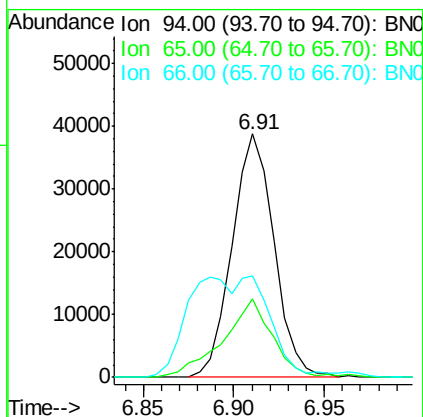
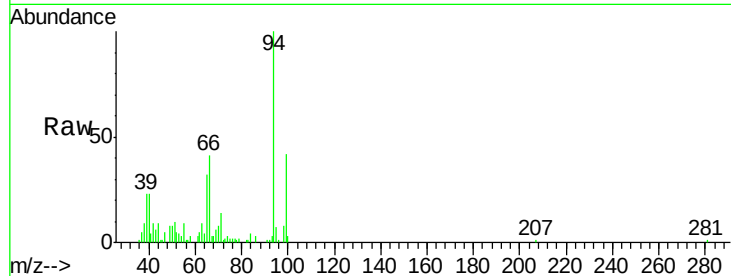
65 32.4 23.0 34.6

66 41.5 30.4 45.6

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#44

Dimethylphthalate

Concen: 5.213 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

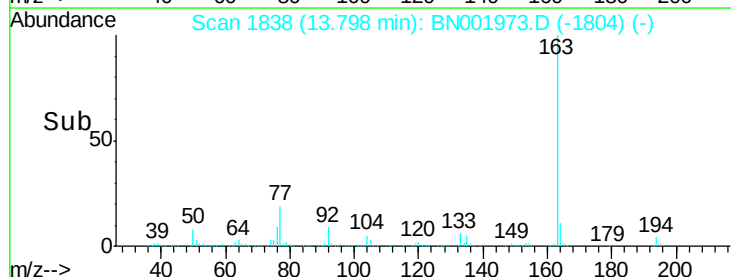
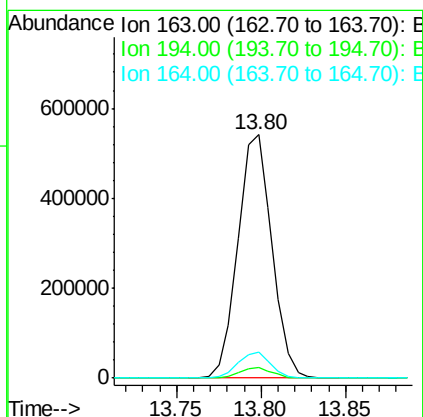
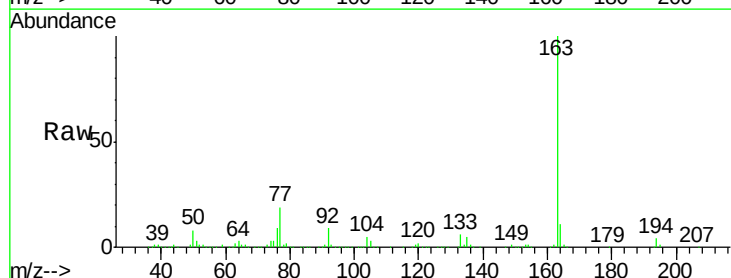
Tgt Ion: 163 Resp: 756604

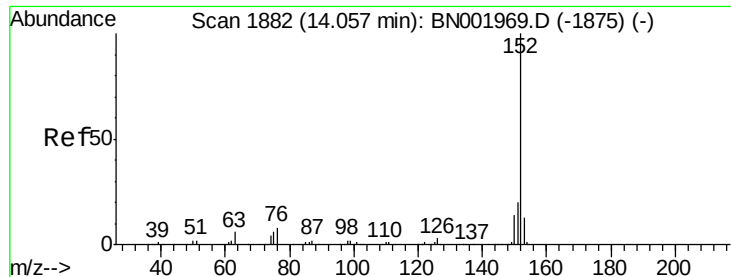
Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

164 10.5 8.4 12.6





#47

Acenaphthylene

Concen: 3.267 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Instrument :

BNA_N

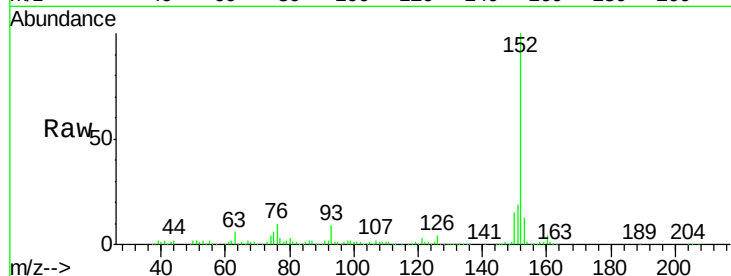
ClientSampled :

F1H22DL

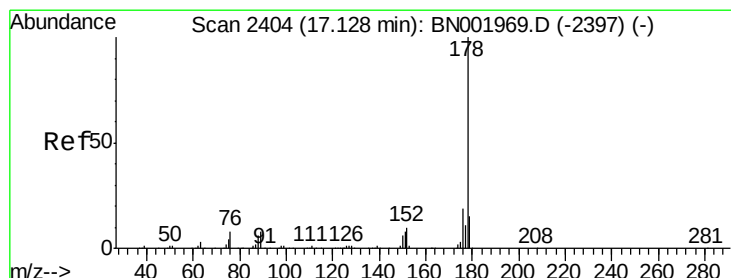
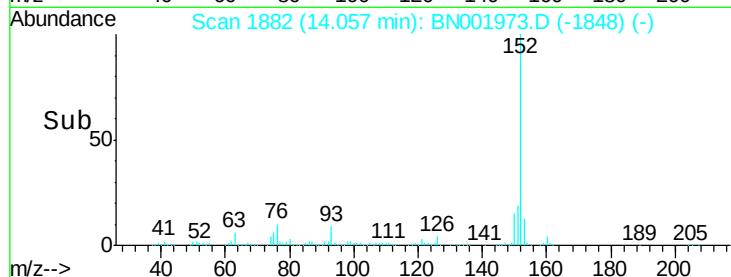
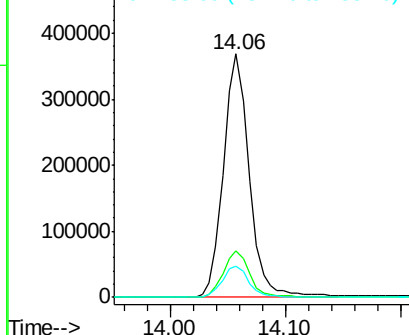
Tgt Ion:	152	Resp:	574995
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.1	24.1
153	13.0	10.8	16.2

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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



#69

Phenanthrene

Concen: 1.620 ng/ul

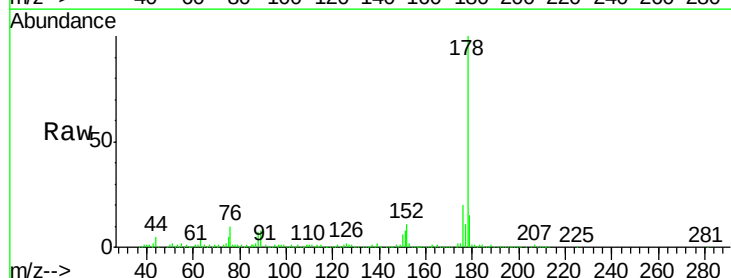
RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

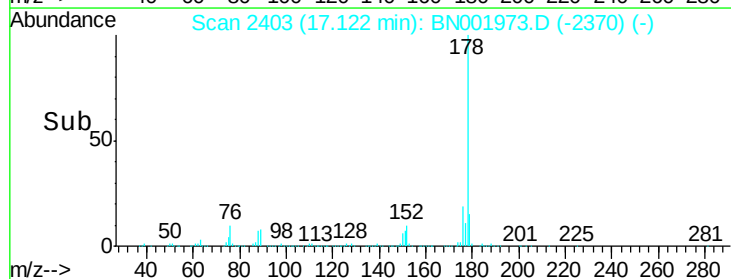
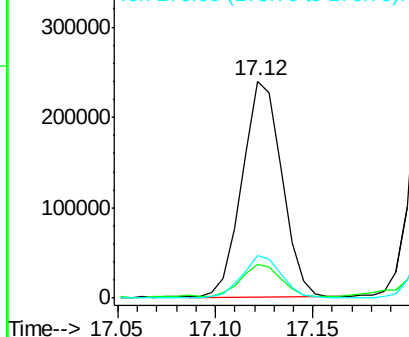
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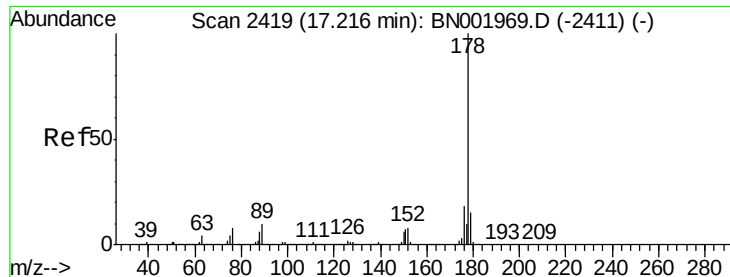
Acq: 05 Jul 2018 18:30

Tgt Ion:	178	Resp:	337318
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.5	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





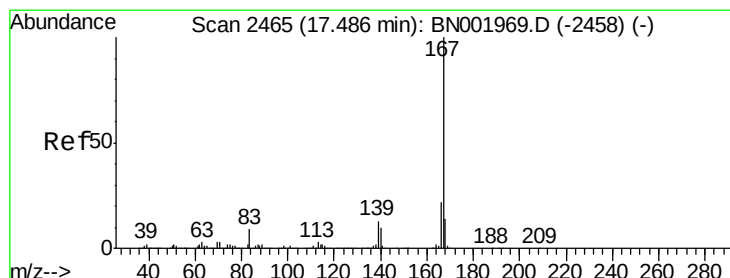
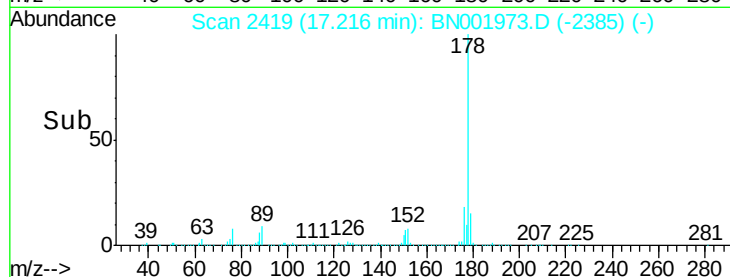
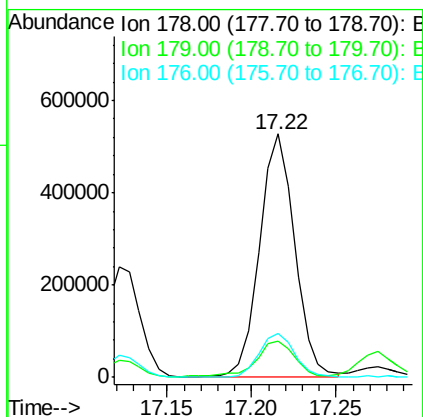
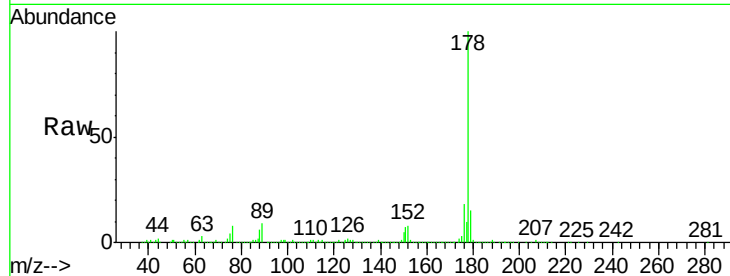
#71
 Anthracene
 Concen: 3.570 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 F1H22DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.4	20.2
176	18.2	15.4	23.0

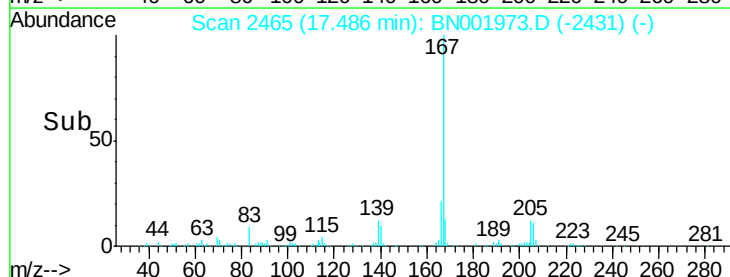
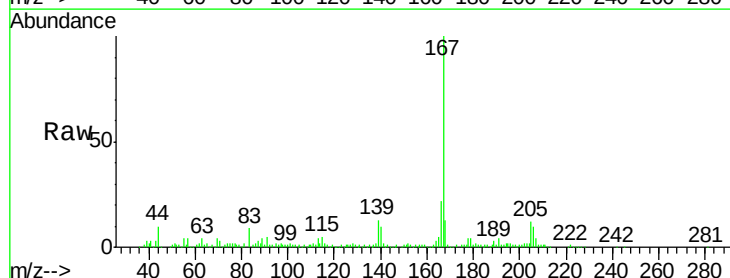
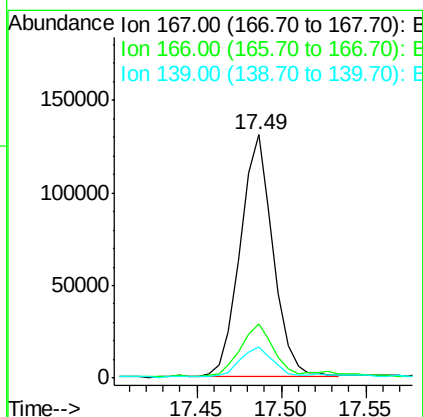
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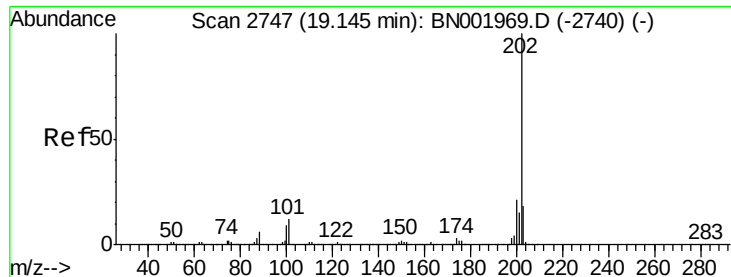
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#72
 Carbazole
 Concen: 1.001 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.4
139	13.0	9.1	13.7





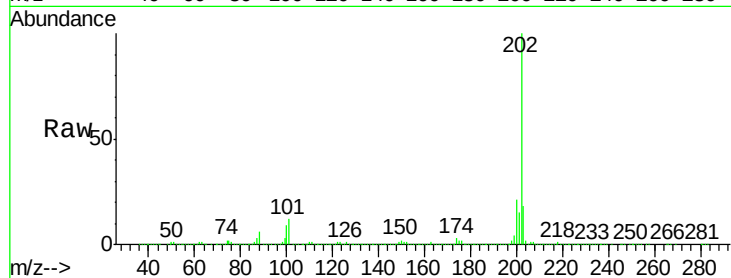
#74
 Fluoranthene
 Concen: 22.333 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 F1H22DL

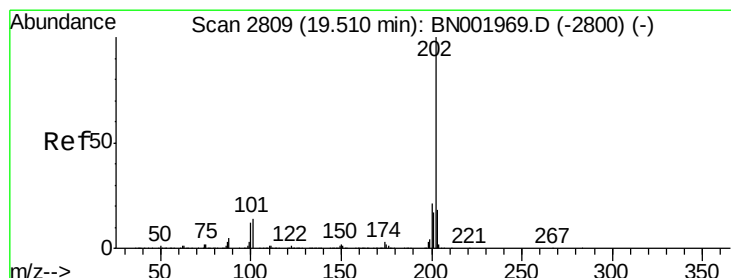
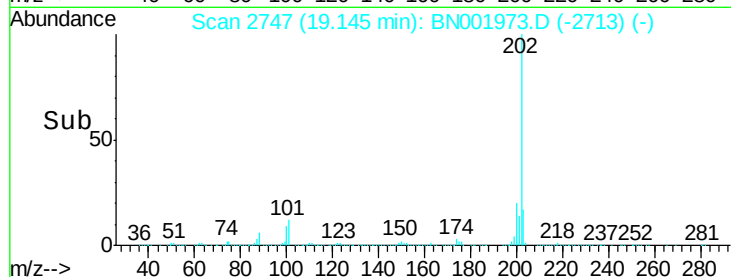
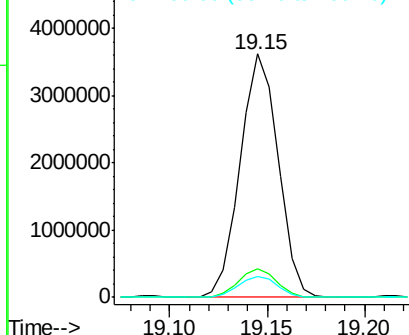
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4886687		
101	11.8	6.1	9.1#	
100	8.7	4.6	7.0#	

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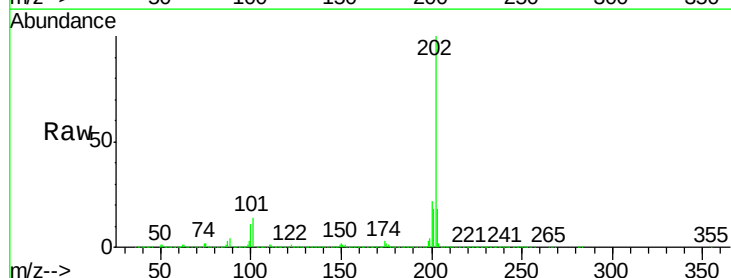


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

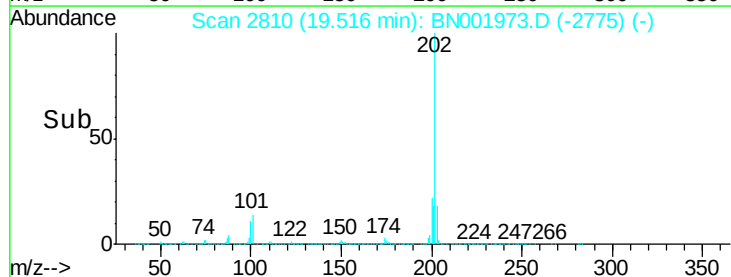
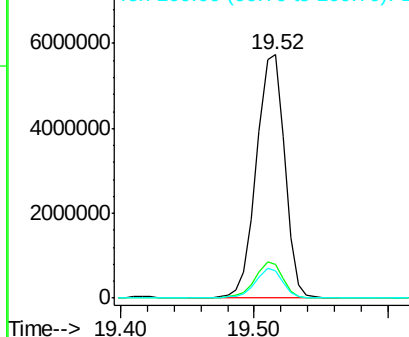


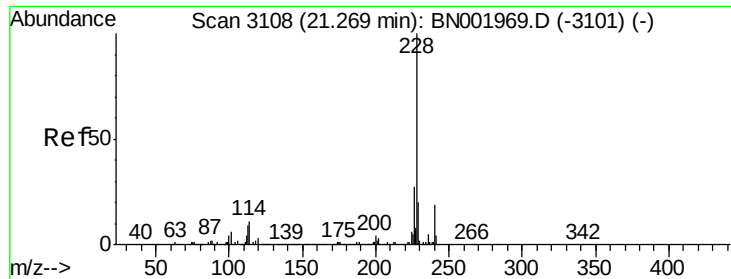
#77
 Pyrene
 Concen: 46.119 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8353356		
101	13.7	6.9	10.3#	
100	11.3	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





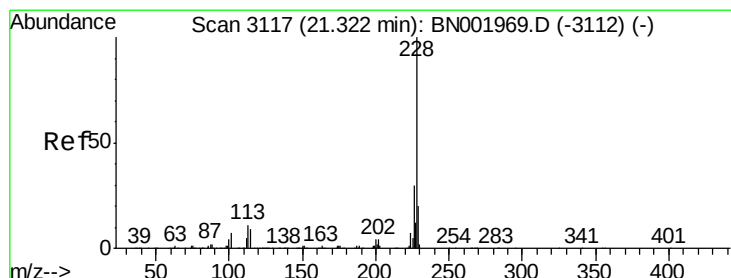
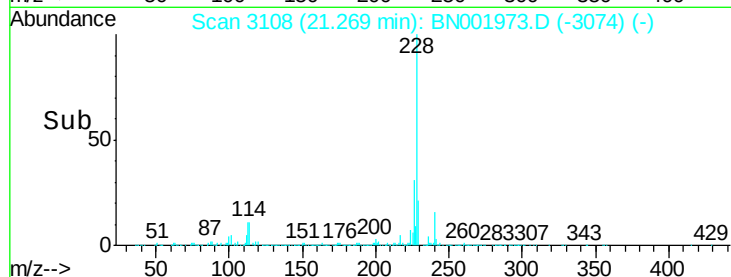
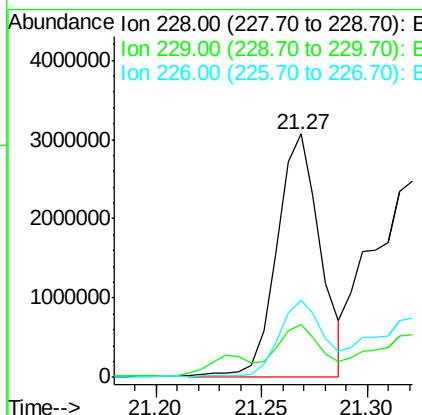
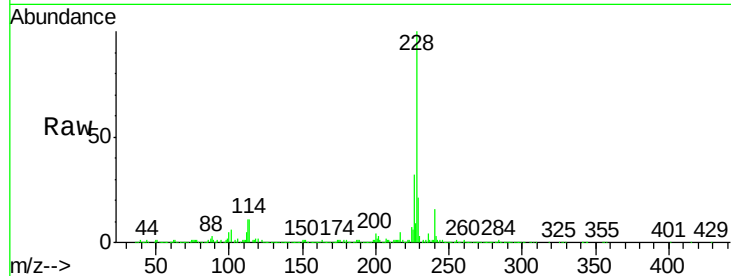
#80
Benzo(a)anthracene
Concen: 23.807 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
F1H22DL

Tgt Ion:228 Resp: 4354800
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 31.6 21.8 32.8

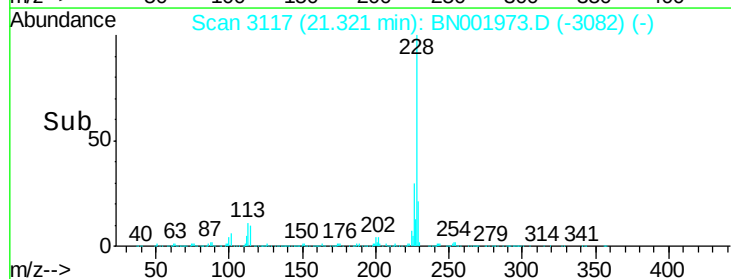
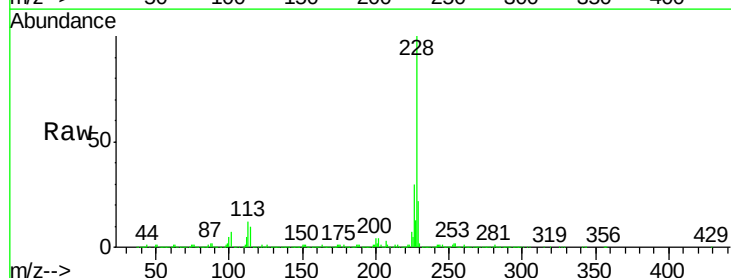
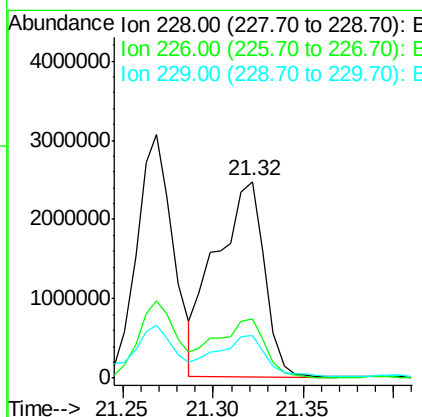
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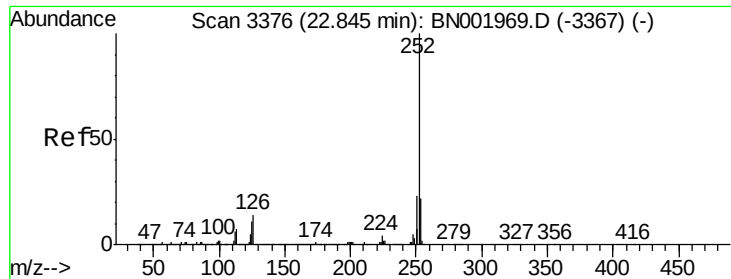
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#82
Chrysene
Concen: 27.072 ng/ul m
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Tgt Ion:228 Resp: 4607708
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 21.9 16.0 24.0





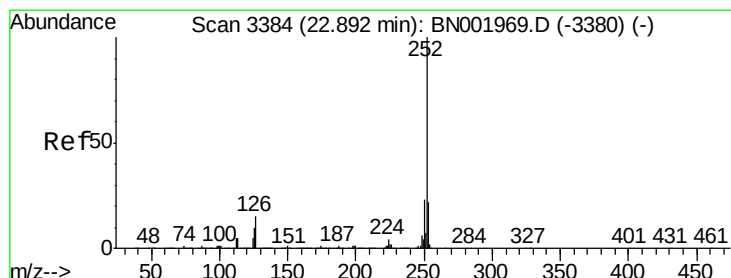
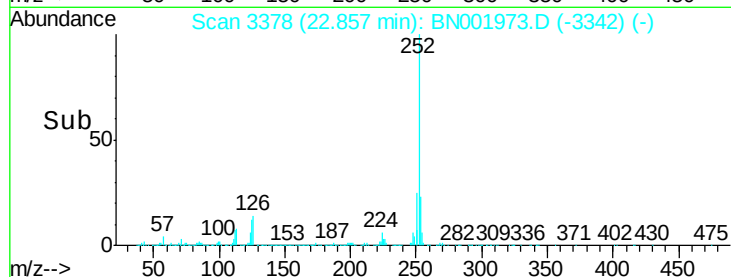
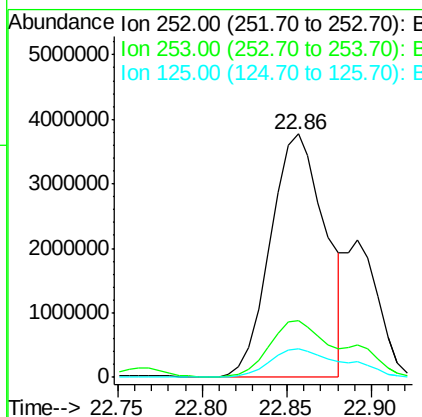
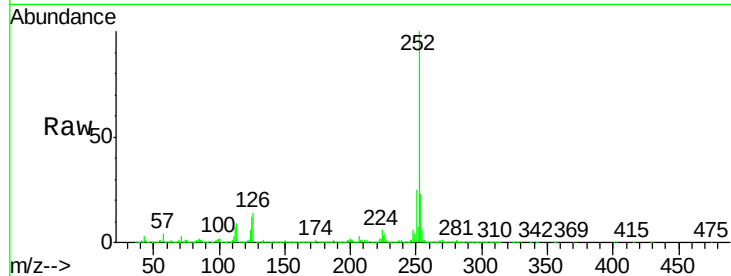
#85
Benzo(b)fluoranthene
Concen: 53.687 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :
F1H22DL

Tgt Ion:252 Resp: 8483409
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 11.8 4.9 7.3#

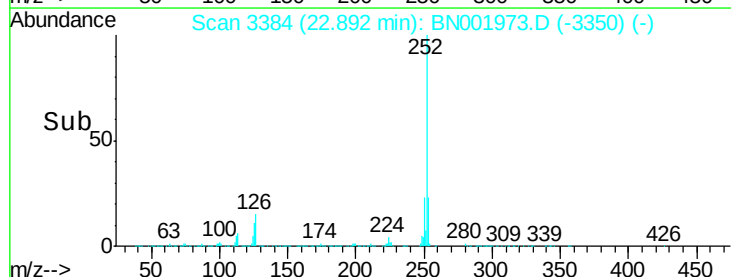
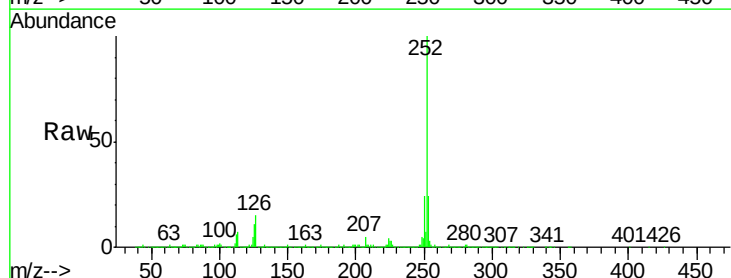
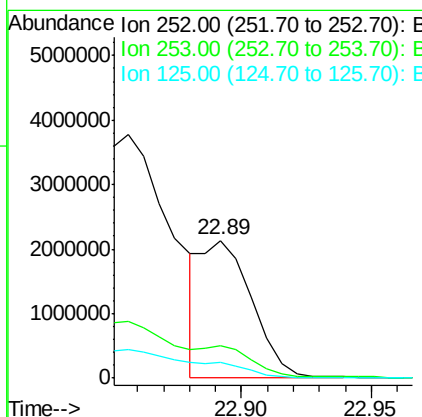
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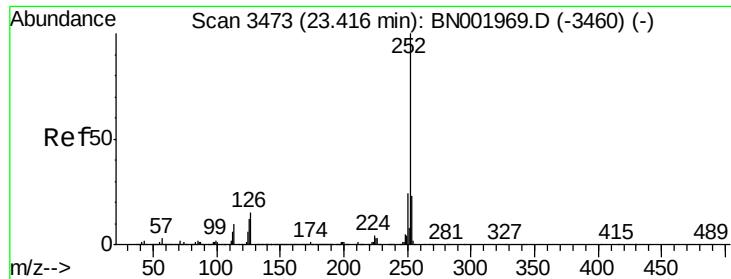
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#86
Benzo(k)fluoranthene
Concen: 18.642 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Tgt Ion:252 Resp: 2856590
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 11.0 5.4 8.0#





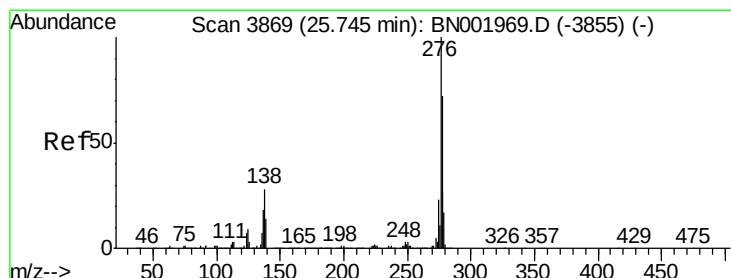
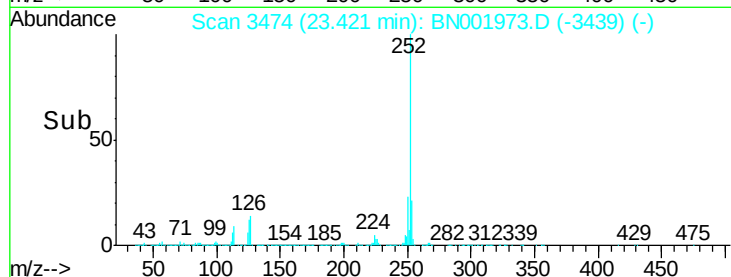
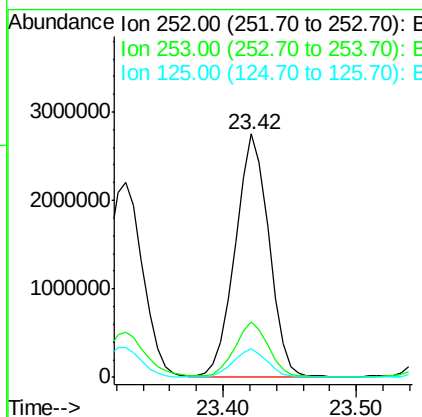
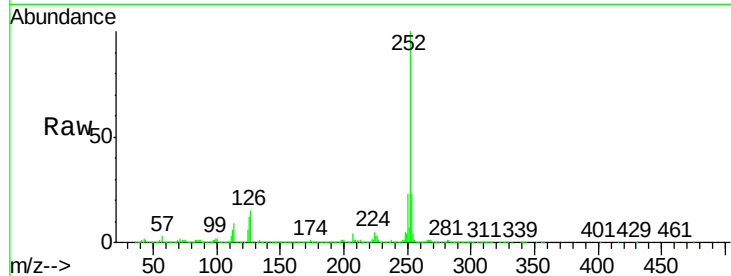
#88
Benzo(a)pyrene
Concen: 32.303 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
F1H22DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.7	5.8	8.6#

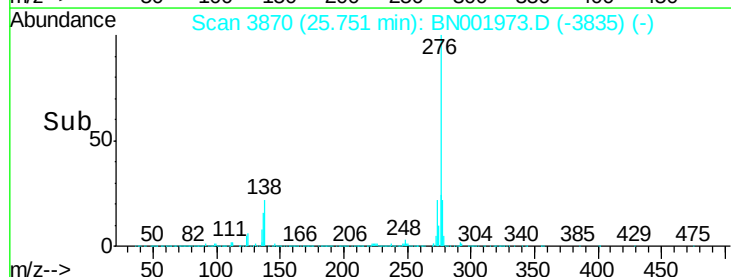
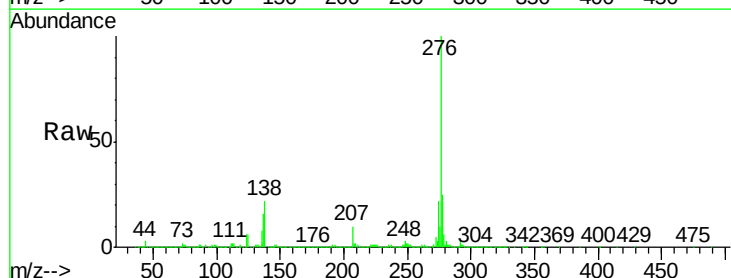
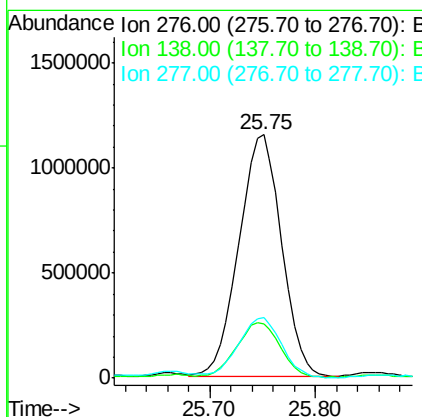
Manual Integrations
APPROVED

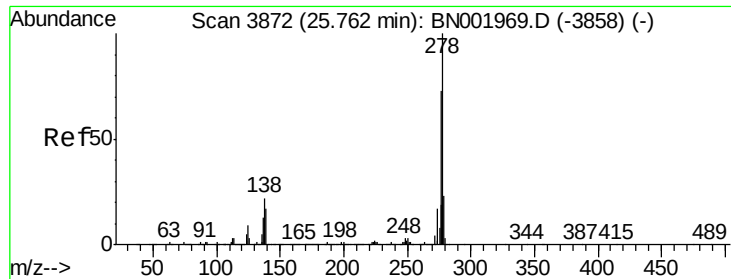
Sohil
7/6/2018 5:19:41 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 20.595 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	10.9	16.3#
277	24.7	18.9	28.3





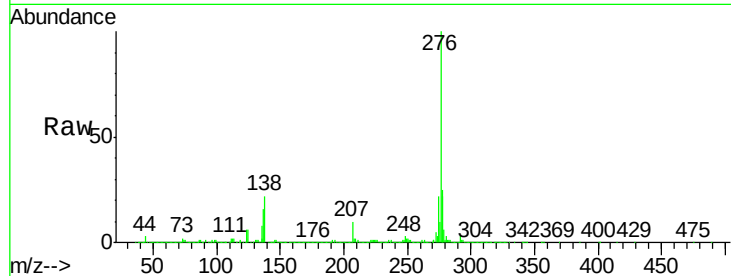
#90
Dibenzo(a,h)anthracene
Concen: 6.346 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
F1H22DL

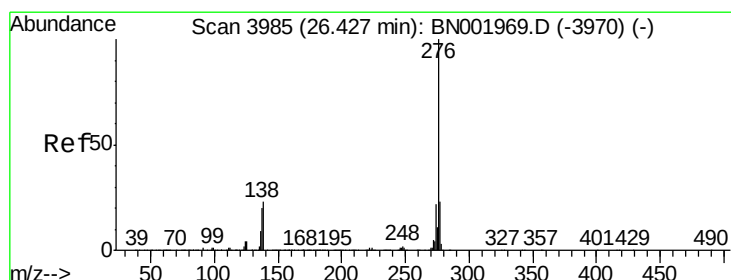
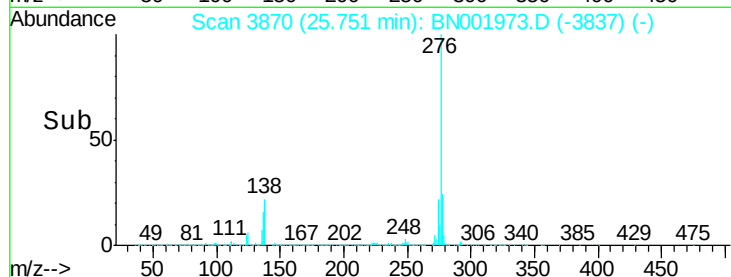
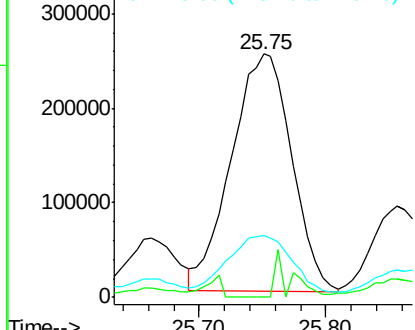
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	25.3	19.1	28.7

Manual Integrations
APPROVED

Sohil
7/6/2018 5:19:41 PM

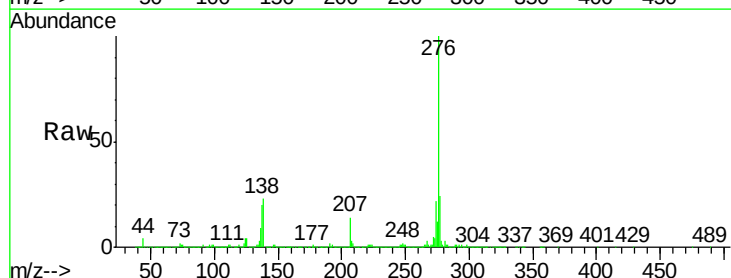


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 19.889 ng/ul
RT: 26.43 min Scan# 3986
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	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

