

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005989.D
 Acq On : 31 May 2019 20:37
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:11:28 AM

Quant Time: Jun 01 02:32:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	505652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2112996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	1070503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1800074	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1176831	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1415295	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	31133	2.71	ng/uL	0.01
5) Phenol-d5	6.92	99	730825	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	423678	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	607579	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	590367	16.32	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	302944	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	323853	25.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	615799	20.65	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	157496	4.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1724289	21.85	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2106179	21.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	176300	12.28	ng/ul	0.00
57) Fluorene-d10	15.40	176	1363429	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	44761	6.10	ng/ul	0.01
70) Anthracene-d10	17.26	188	1740528	22.72	ng/ul	0.00
78) Pyrene-d10	19.57	212	1520309	25.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.54	264	1422037	22.52	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.95	94	46342	1.004	ng/ul	96
44) Dimethylphthalate	13.86	163	651440	8.259	ng/ul	100
47) Acenaphthylene	14.13	152	345989	3.574	ng/ul	98
53) Dibenzofuran	14.81	168	195428	2.105	ng/ul	98
58) Fluorene	15.46	166	267843	3.673	ng/ul	97
69) Phenanthrene	17.21	178	4202102	47.116	ng/ul	99
71) Anthracene	17.29	178	806556	8.908	ng/ul	99
74) Carbazole	17.56	167	290732	3.564	ng/ul	99
76) Fluoranthene	19.24	202	4539694	47.681	ng/ul	97
79) Pyrene	19.60	202	3685433	49.437	ng/ul	97
82) Benzo(a)anthracene	21.36	228	1711298	23.132	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	87380	1.799	ng/ul#	94
84) Chrysene	21.41	228	1590993m	23.059	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	1885562	23.720	ng/ul#	94
88) Benzo(k)fluoranthene	23.03	252	766076m	10.481	ng/ul	
90) Benzo(a)pyrene	23.58	252	1350905	18.021	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	26.01	276	922941	10.492	ng/ul	95
92) Dibenzo(a,h)anthracene	26.02	278	265337	3.623	ng/ul#	73
93) Benzo(g,h,i)perylene	26.73	276	750403	10.129	ng/ul	91

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

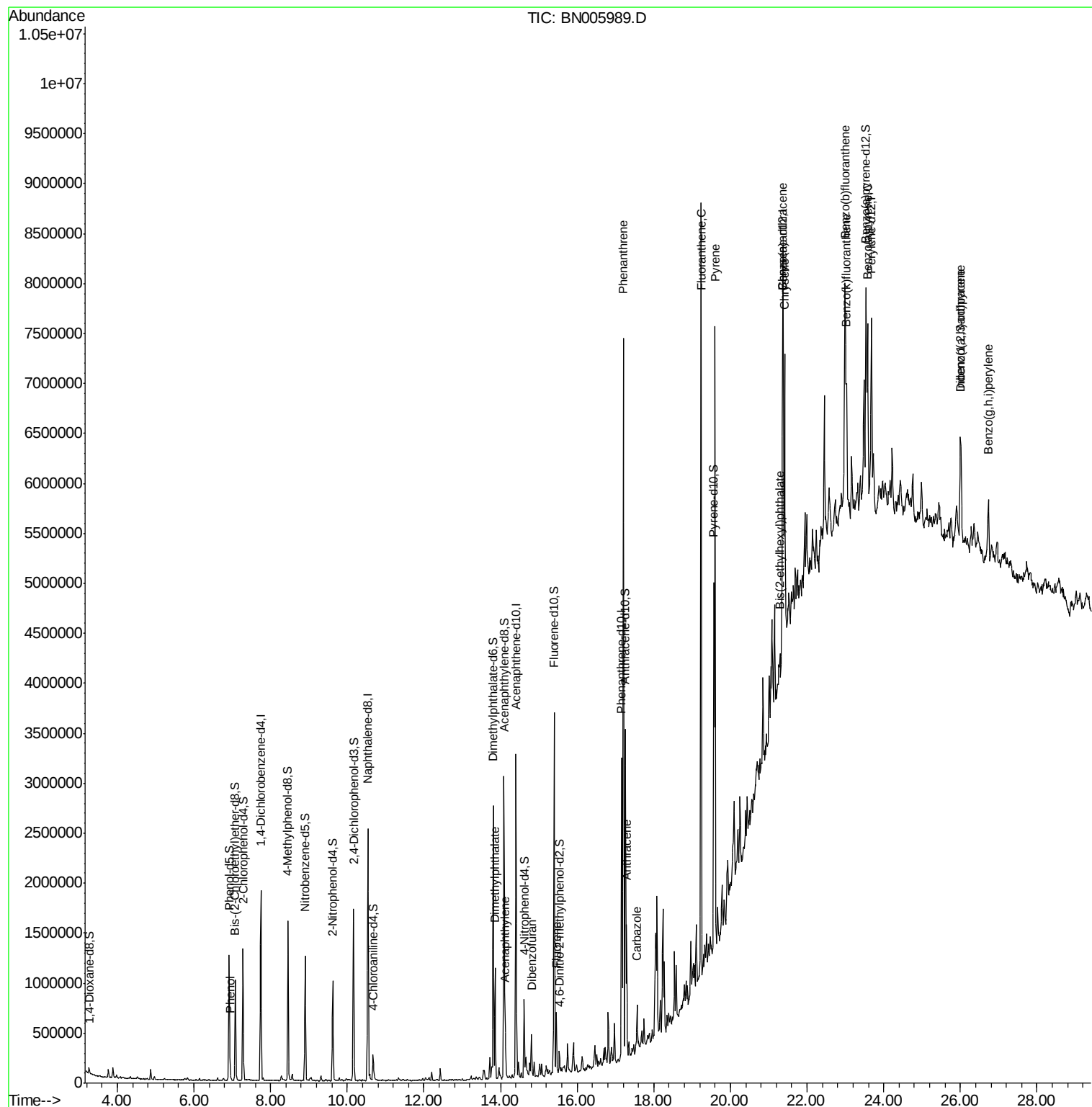
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Data File : BN005989.D
Acq On : 31 May 2019 20:37
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

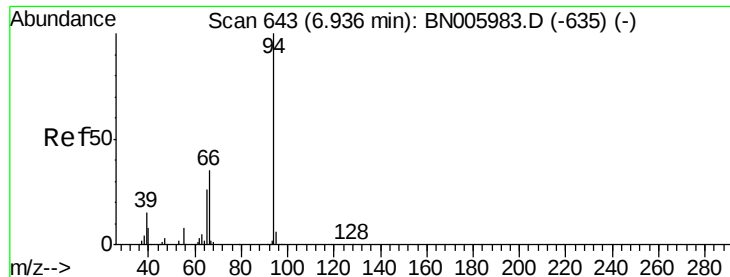
Instrument :
BNA_N
ClientSampleId :
A42F3

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Quant Time: Jun 01 02:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration





#6

Phenol

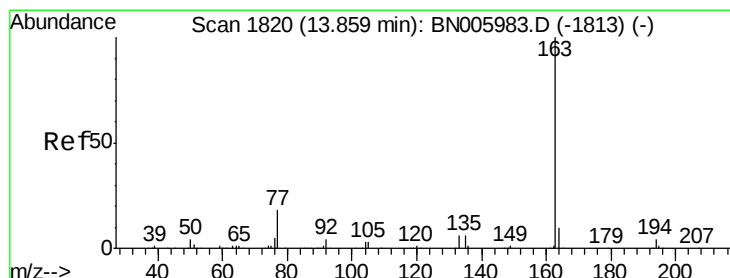
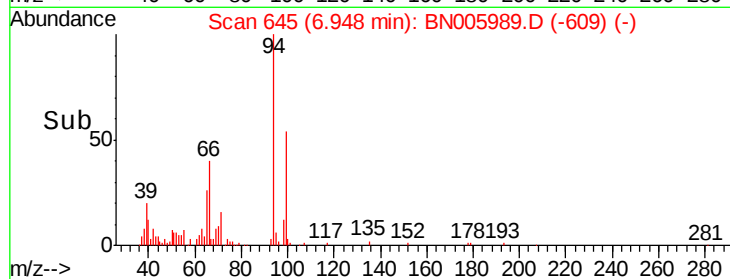
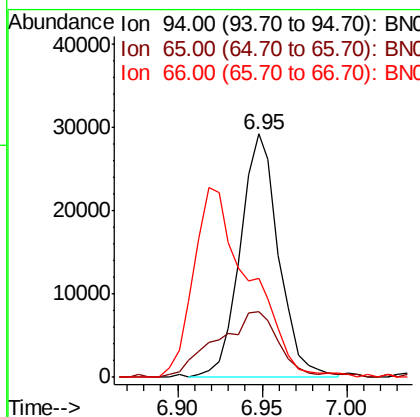
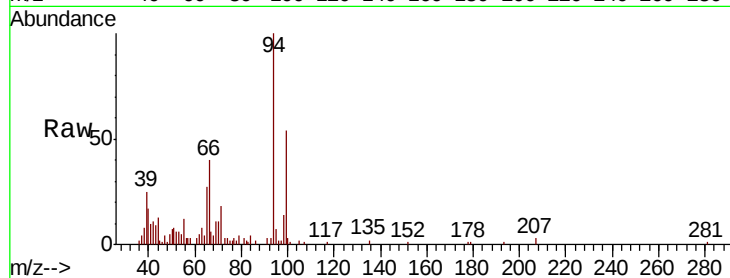
Concen: 1.004 ng/ul
 RT: 6.95 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BN005989.D
 Acq: 31 May 2019 20:37

Instrument :
 BNA_N
 ClientSampled :
 A42F3

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.2	24.2	36.4
66	40.5	33.8	50.6

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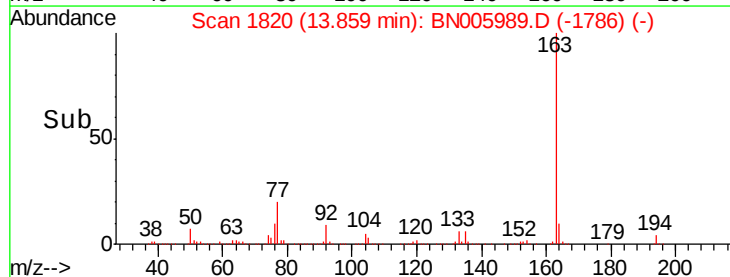
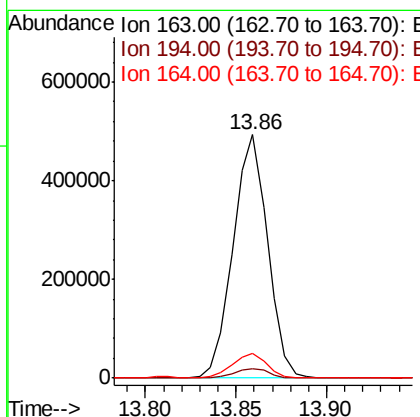
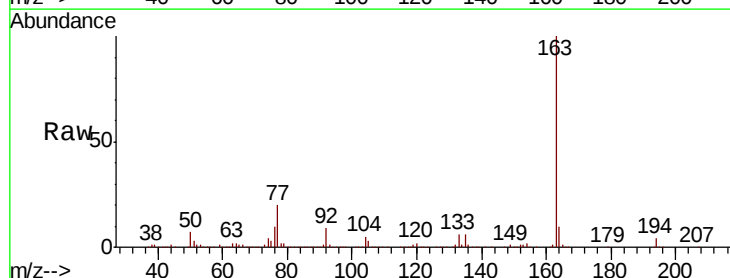


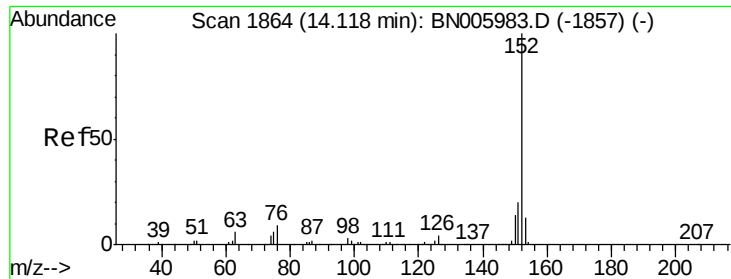
#44

Dimethylphthalate

Concen: 8.259 ng/ul
 RT: 13.86 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BN005989.D
 Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1





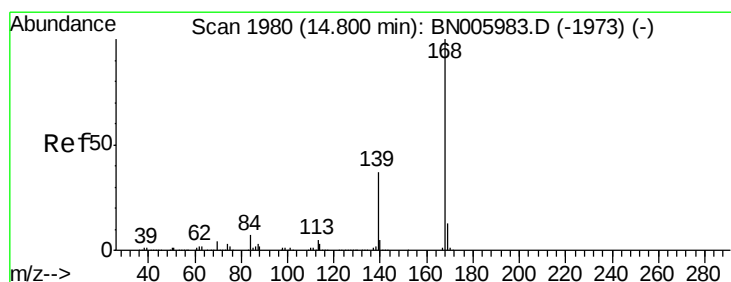
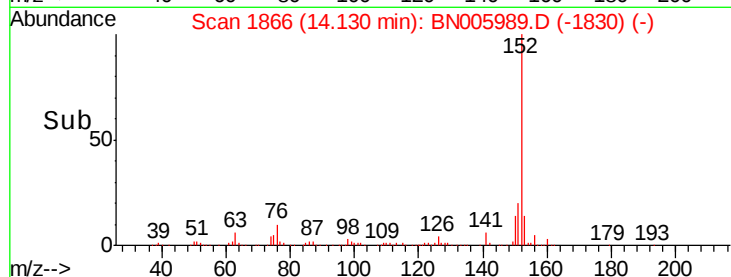
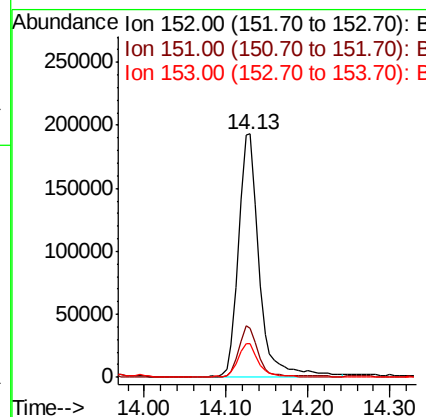
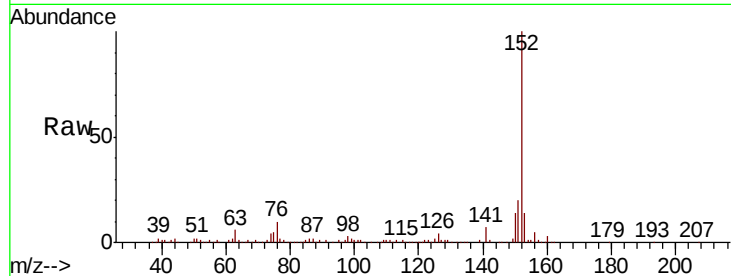
#47
Acenaphthylene
Concen: 3.574 ng/ul
RT: 14.13 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Instrument :
BNA_N
ClientSampled :
A42F3

Tot Ion	Ratio	Resp	Lower	Upper
152	100	345989		
151	20.3		15.8	23.8
153	13.8		9.8	14.8

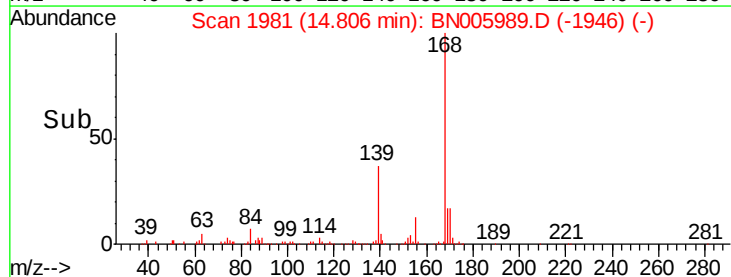
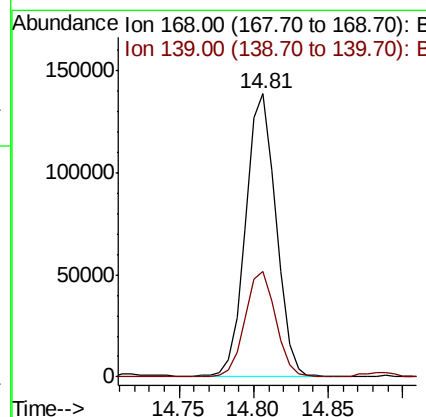
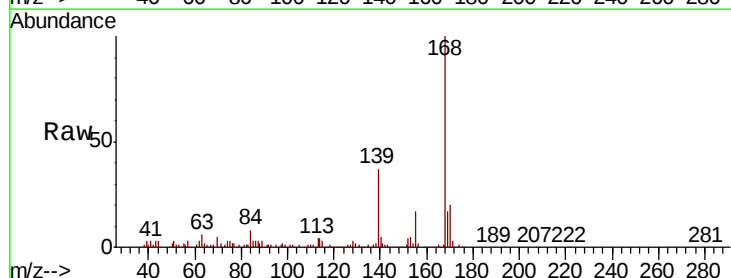
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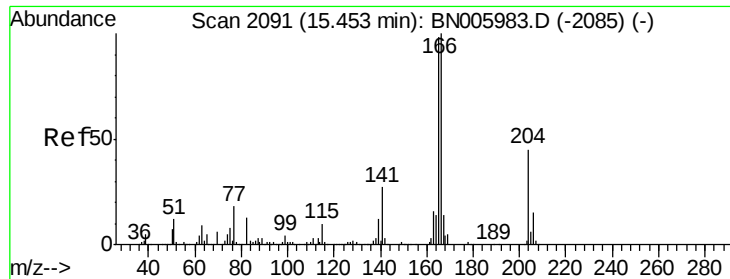
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#53
Dibenzofuran
Concen: 2.105 ng/ul
RT: 14.81 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	195428		
139	37.3		30.9	46.3





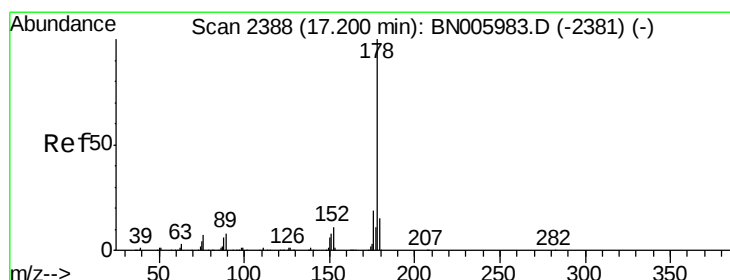
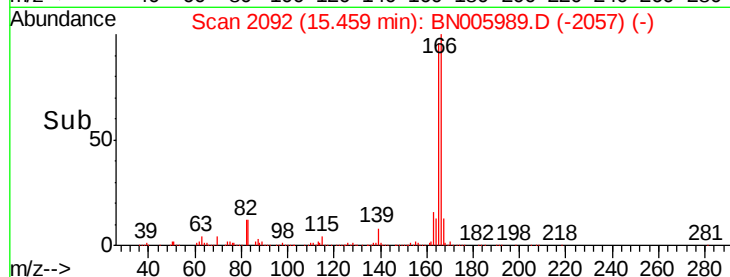
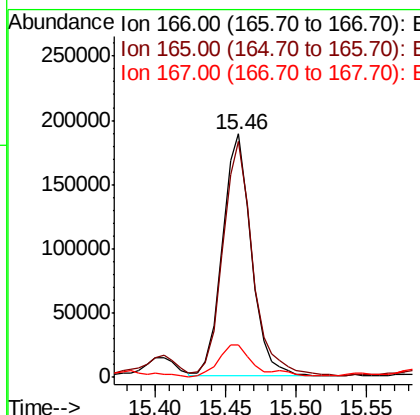
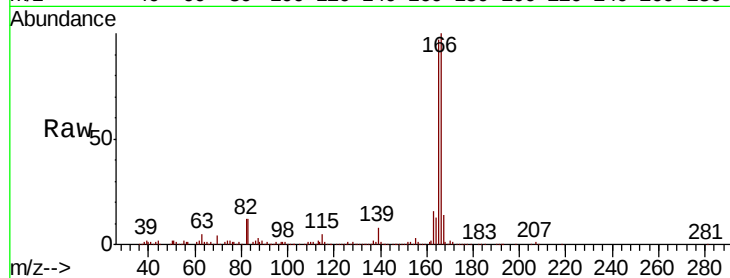
#58
 Fluorene
 Concen: 3.673 ng/ul
 RT: 15.46 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BN005989.D
 Acq: 31 May 2019 20:37

Instrument :
 BNA_N
 ClientSampleId :
 A42F3

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	80.0	120.0
167	13.5	10.7	16.1

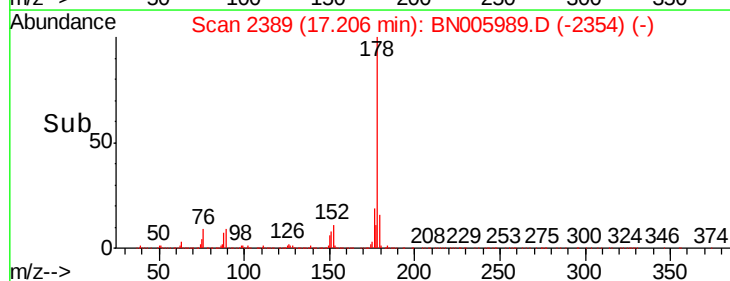
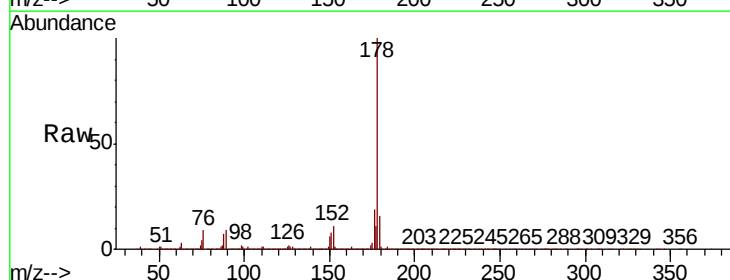
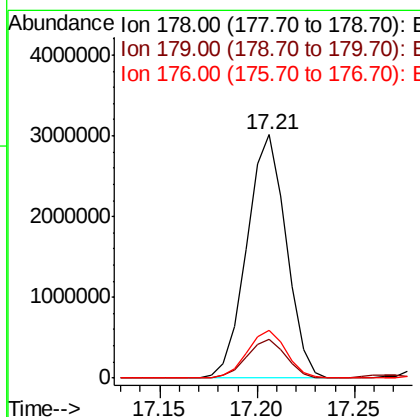
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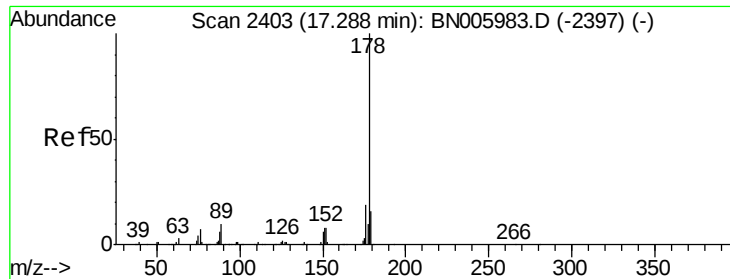
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#69
 Phenanthrene
 Concen: 47.116 ng/ul
 RT: 17.21 min Scan# 2389
 Delta R.T. 0.01 min
 Lab File: BN005989.D
 Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.4	15.1	22.7





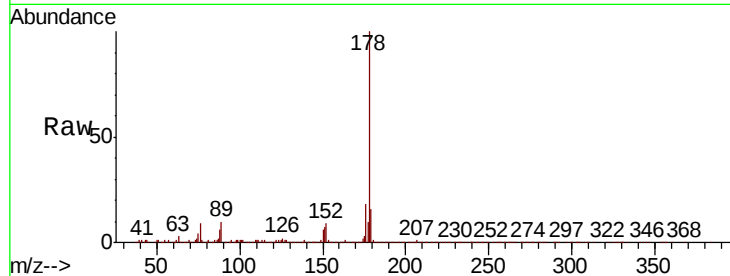
#71
 Anthracene
 Concen: 8.908 ng/ul
 RT: 17.29 min Scan# 2404
 Delta R.T. 0.01 min
 Lab File: BN005989.D
 Acq: 31 May 2019 20:37

Instrument :
 BNA_N
 ClientSampleId :
 A42F3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	15.1	22.7

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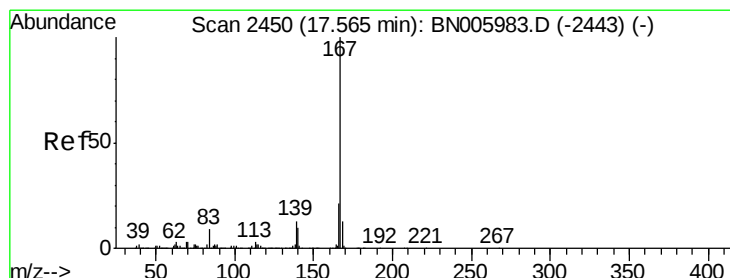
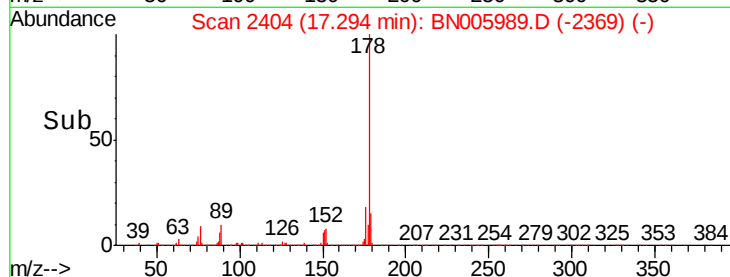
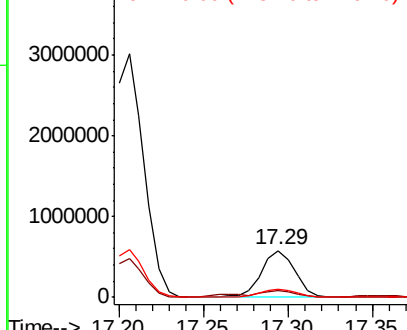


Abundance

Ion 178.00 (177.70 to 178.70): E

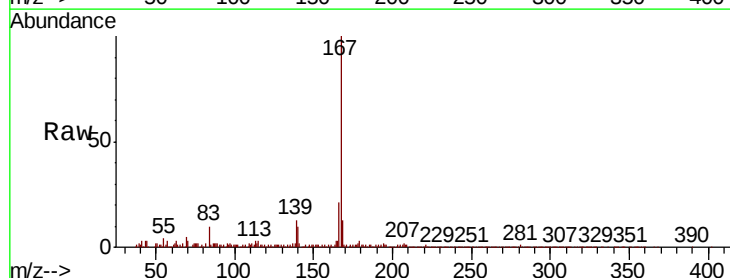
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74
 Carbazole
 Concen: 3.564 ng/ul
 RT: 17.56 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BN005989.D
 Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.4	10.6	16.0

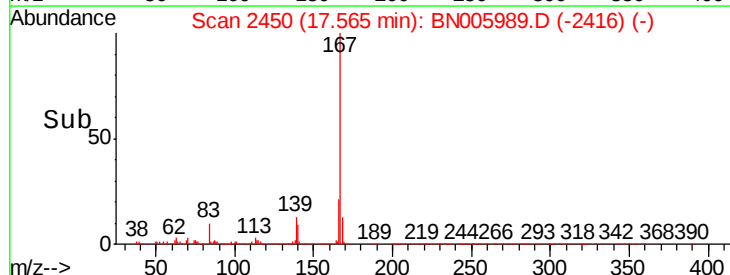
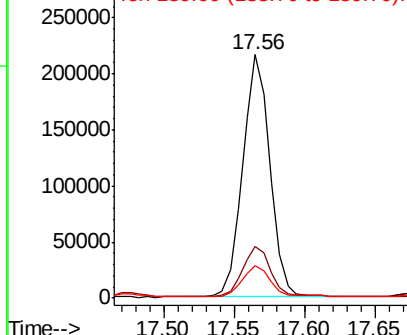


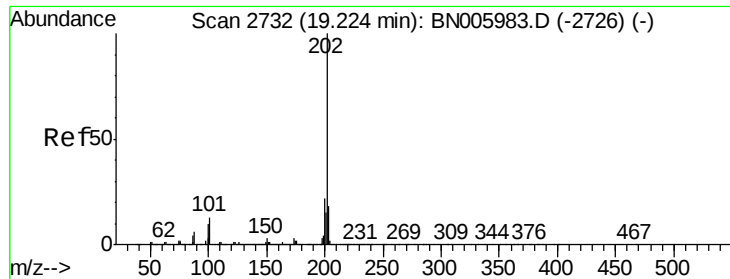
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





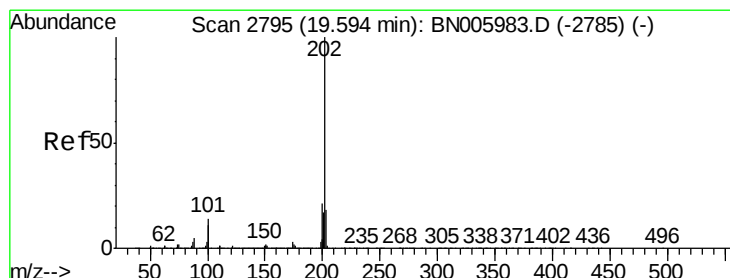
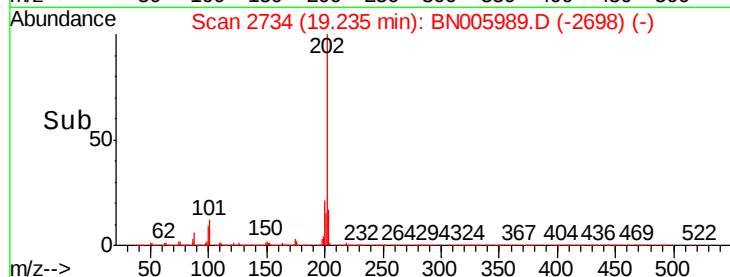
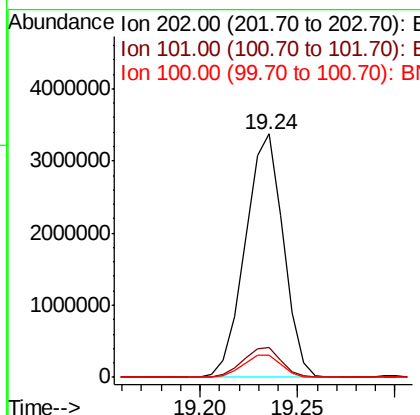
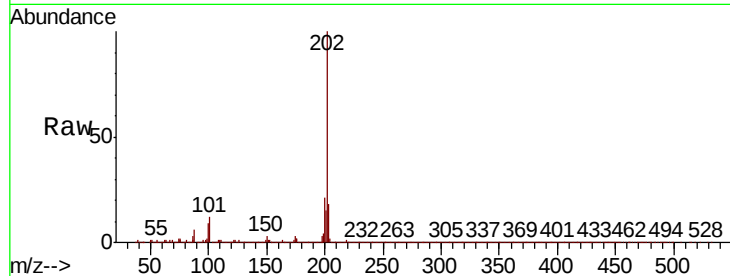
#76
Fluoranthene
Concen: 47.681 ng/ul
RT: 19.24 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.6	12.8
100	8.9	6.3	9.5

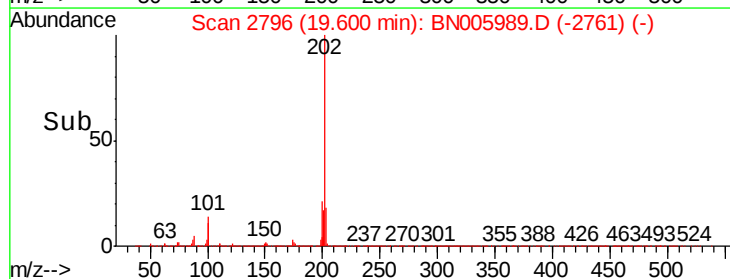
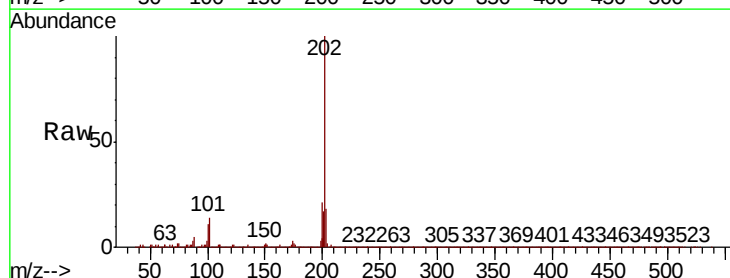
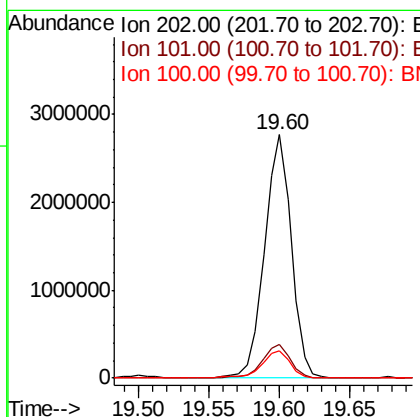
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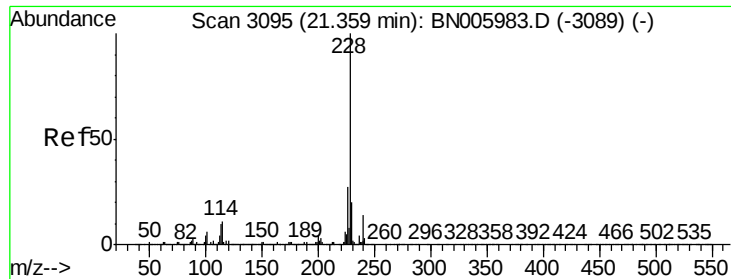
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#79
Pyrene
Concen: 49.437 ng/ul
RT: 19.60 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.1	7.9	11.9





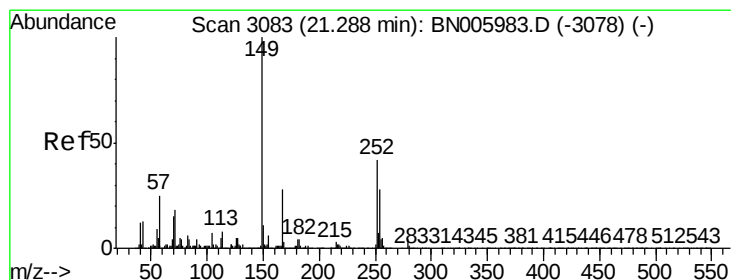
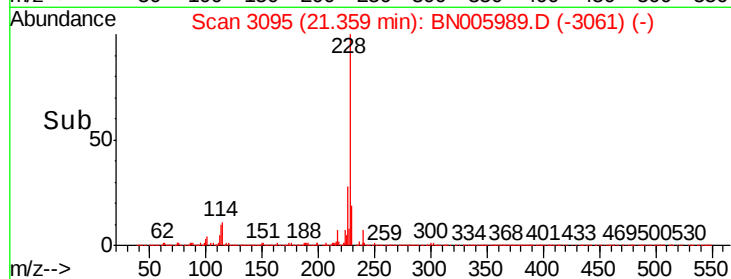
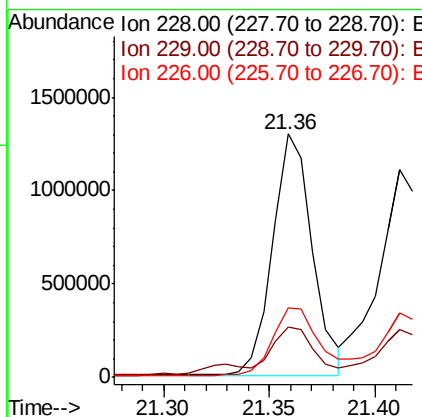
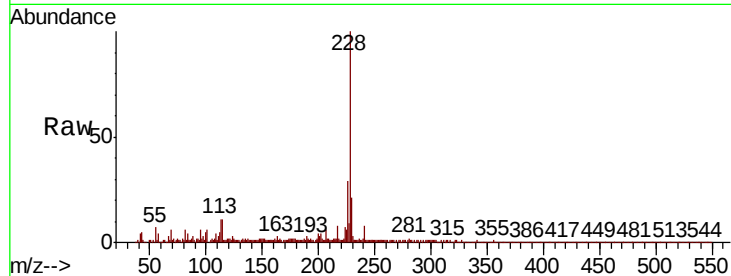
#82
Benzo(a)anthracene
Concen: 23.132 ng/ul
RT: 21.36 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Instrument :
BNA_N
ClientSampleId :
A42F3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	28.7	21.4	32.2

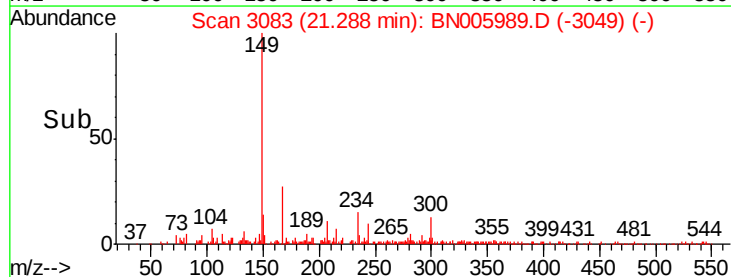
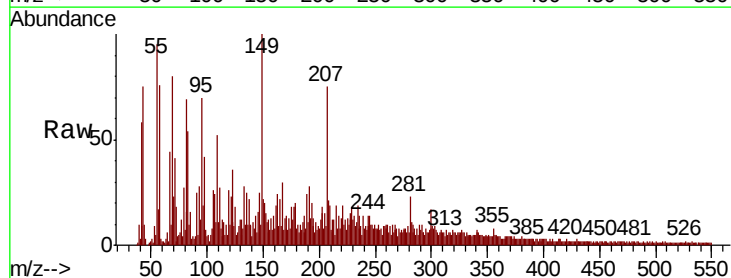
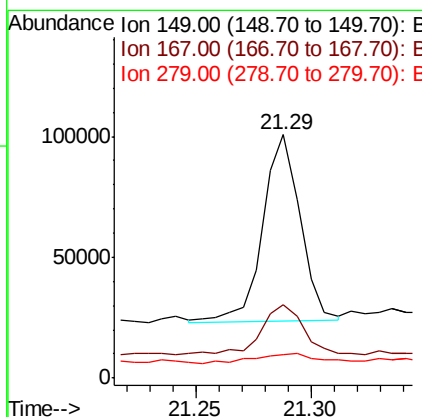
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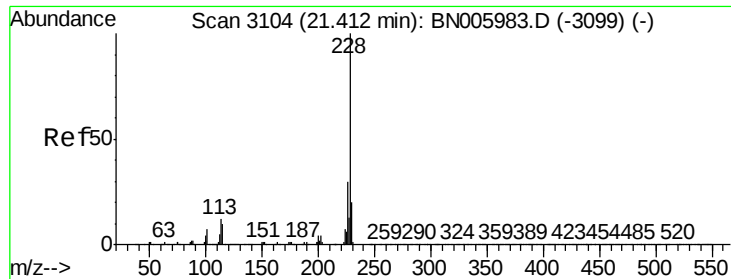
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.799 ng/ul
RT: 21.29 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.3	33.5
279	9.4	3.3	4.9#





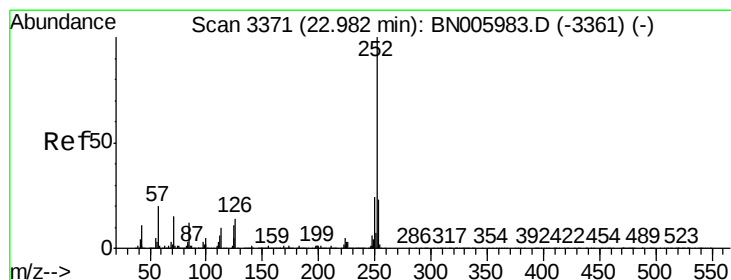
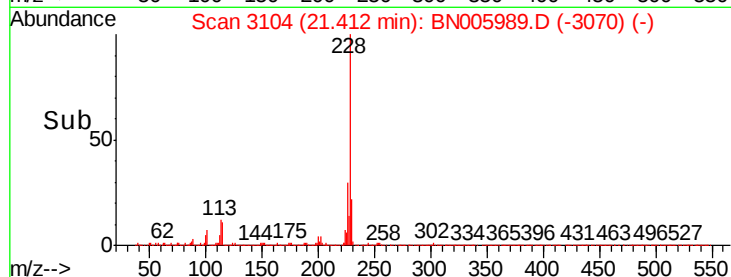
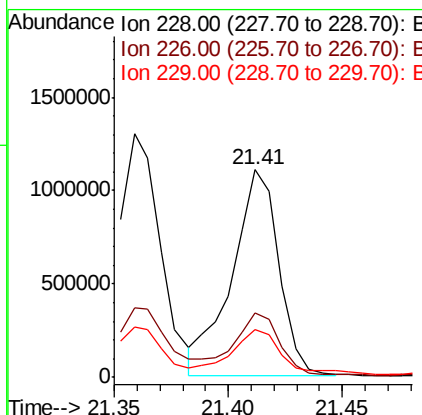
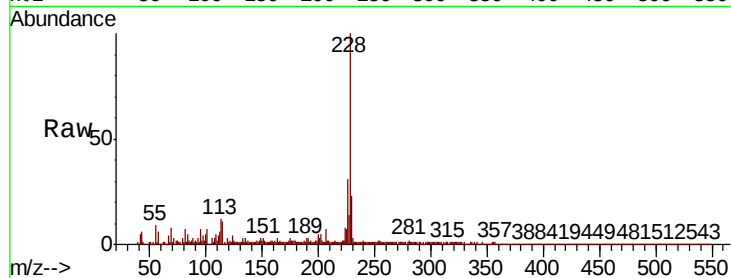
#84
Chrysene
Concen: 23.059 ng/uL m
RT: 21.41 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Instrument :
BNA_N
ClientSampleId :
A42F3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	23.3	15.4	23.0

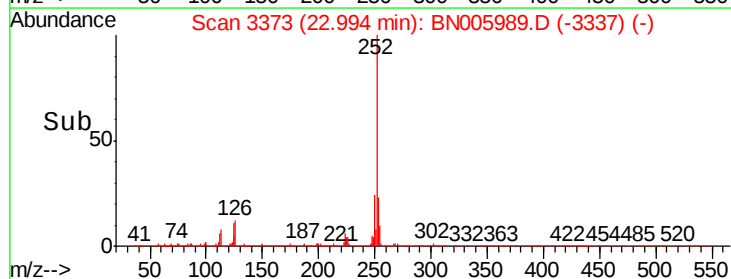
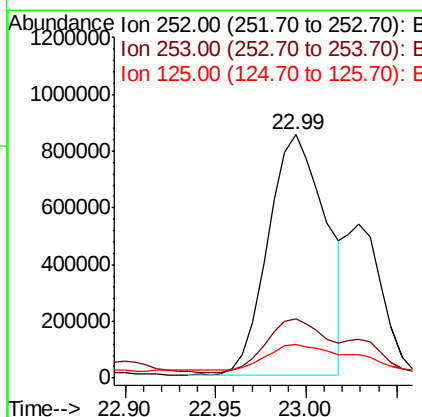
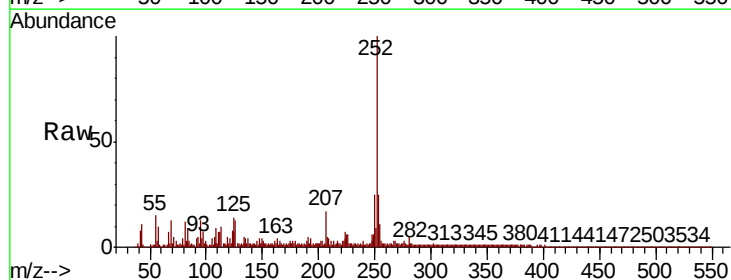
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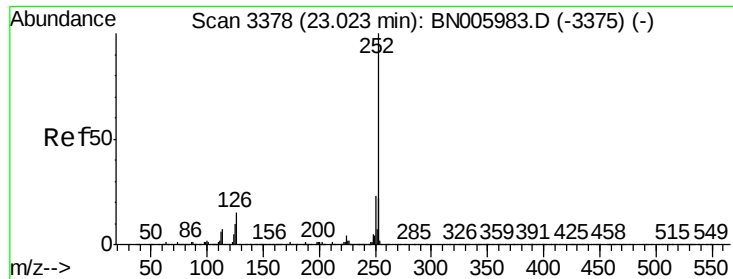
mohammad
6/5/2019 6:11:28 AM



#87
Benzo(b)fluoranthene
Concen: 23.720 ng/uL
RT: 22.99 min Scan# 3373
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	13.9	8.4	12.6





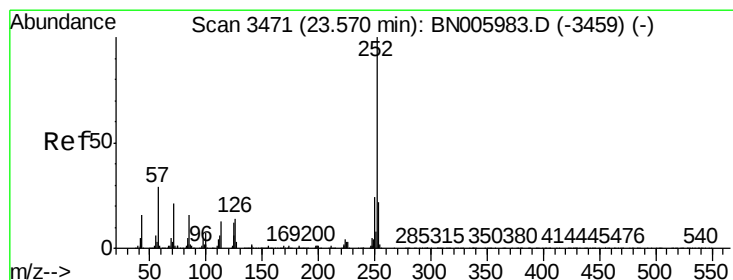
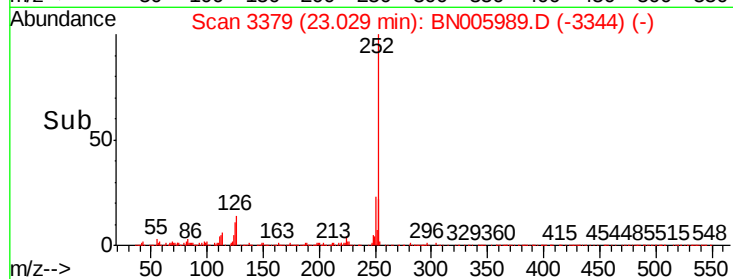
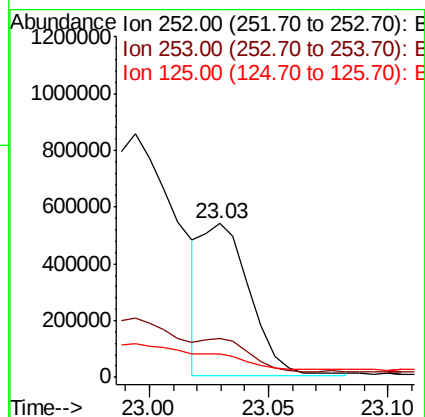
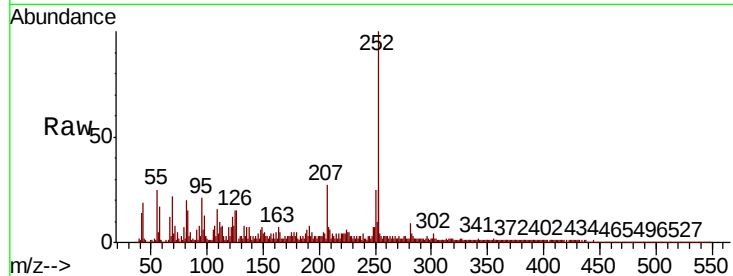
#88
Benzo(k)fluoranthene
Concen: 10.481 ng/ul m
RT: 23.03 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Instrument :
BNA_N
ClientSampled :
A42F3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	17.4	26.0
125	15.2	7.5	11.3#

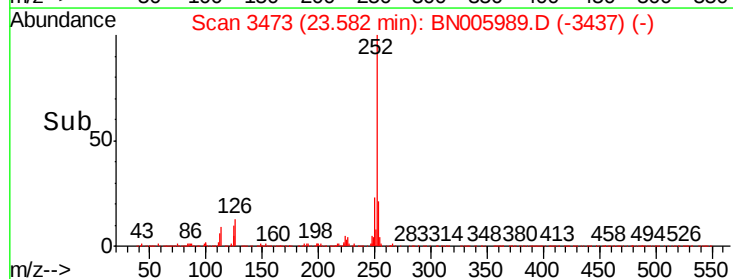
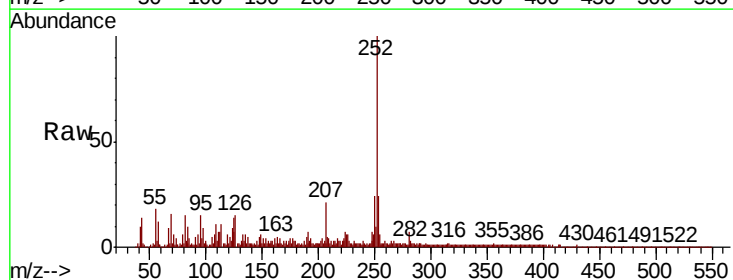
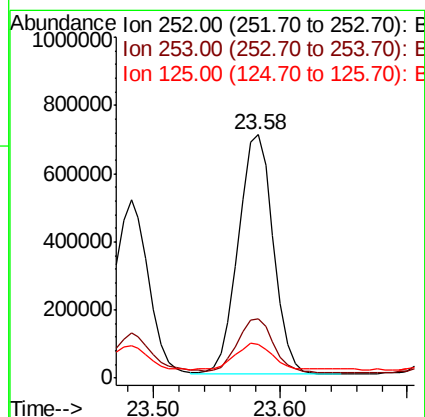
Manual Integrations
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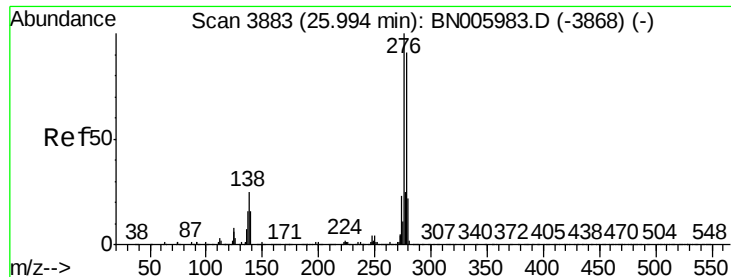
mohammad
6/5/2019 6:11:28 AM



#90
Benzo(a)pyrene
Concen: 18.021 ng/ul
RT: 23.58 min Scan# 3473
Delta R.T. 0.01 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	17.3	25.9
125	13.9	8.6	13.0#





#91

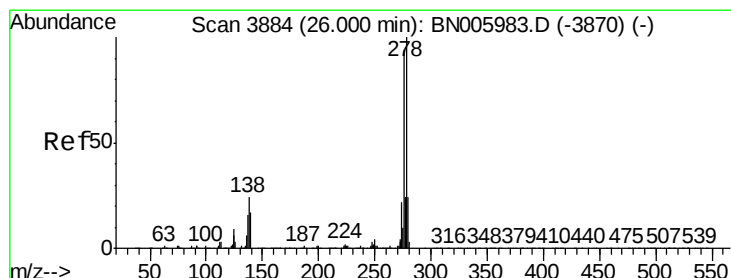
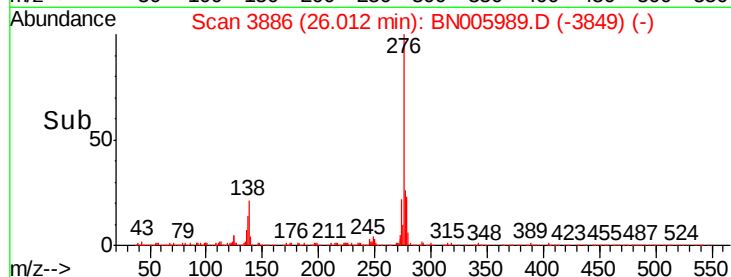
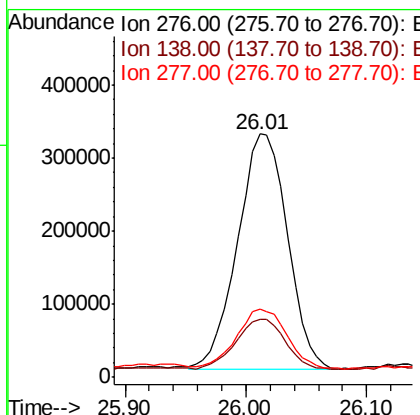
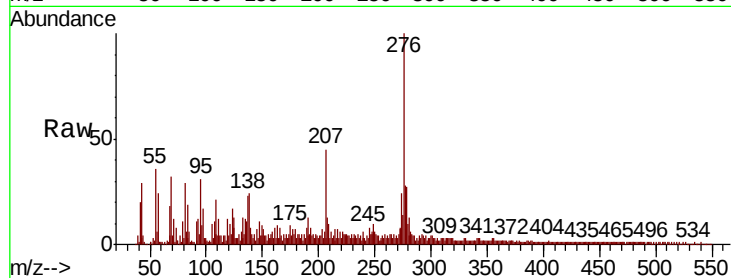
Indeno(1,2,3-cd)pyrene
Concen: 10.492 ng/ul
RT: 26.01 min Scan# 3886
Delta R.T. 0.02 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Instrument :
BNA_N
ClientSampleId :
A42F3

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.9	26.9
277	28.2	19.7	29.5

Manual Integrations
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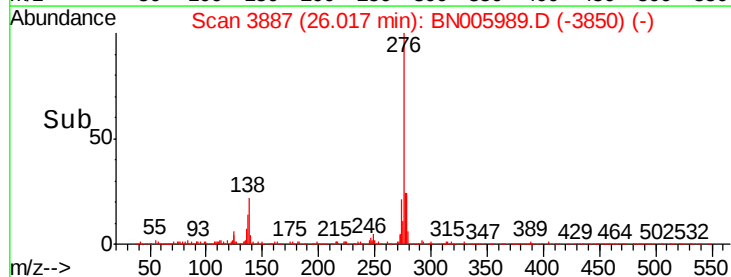
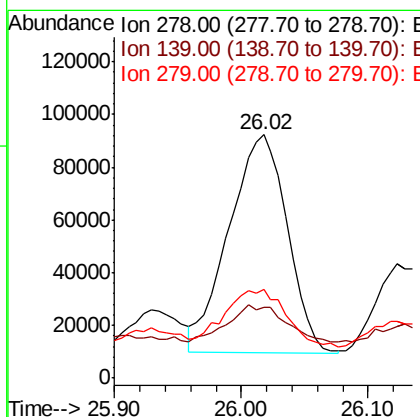
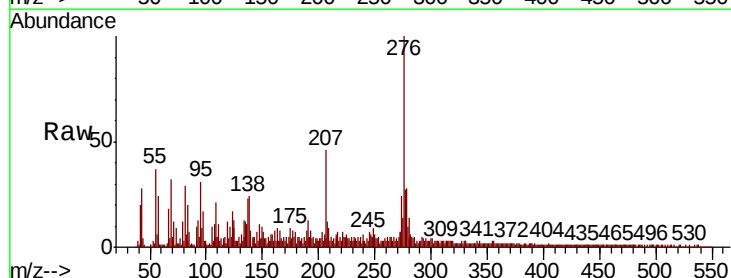
mohammad
6/5/2019 6:11:28 AM

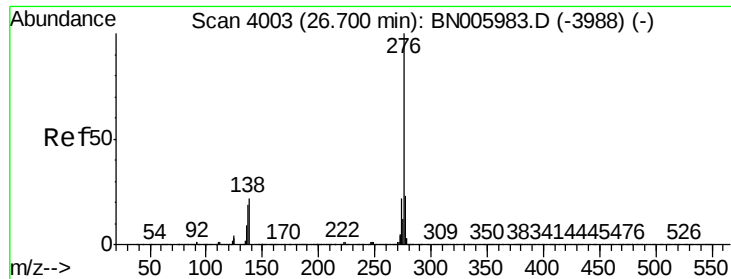


#92

Dibenzo(a,h)anthracene
Concen: 3.623 ng/ul
RT: 26.02 min Scan# 3887
Delta R.T. 0.02 min
Lab File: BN005989.D
Acq: 31 May 2019 20:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.1	13.1	19.7#
279	36.5	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 10.129 ng/ul

RT: 26.73 min Scan# 4009

Delta R.T. 0.04 min

Lab File: BN005989.D

Acq: 31 May 2019 20:37

Instrument :

BNA_N

ClientSampleId :

A42F3

Tot Ion:	276	Resp:	750403
Ion Ratio	Lower	Upper	
276	100		
138	24.8	16.7	25.1
277	27.0	18.2	27.2

Manual Integrations
APPROVED

mohammad
6/5/2019 6:11:28 AM

