

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005992.D
 Acq On : 31 May 2019 22:20
 Operator : JU/SJ
 Sample : K2928-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C5

Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:11:31 AM

Quant Time: Jun 01 02:43:39 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	7.74	152	534310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2122562	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	1016004	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1876620	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1482587	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1832920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	36485	3.00	ng/uL	0.01
5) Phenol-d5	6.92	99	669901	14.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	430203	15.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	566802	15.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	421762	11.03	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	281272	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	292067	23.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	495750	16.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	425296	10.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1384657	18.49	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1622684	17.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	141868	10.41	ng/ul	0.00
57) Fluorene-d10	15.40	176	1059734	16.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	20093	2.63	ng/ul	0.00
70) Anthracene-d10	17.26	188	1329681	16.65	ng/ul	0.00
78) Pyrene-d10	19.56	212	1324964	17.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	1342647	16.42	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.59	128	150042	1.489	ng/ul	98
44) Dimethylphthalate	13.86	163	479942	6.411	ng/ul	99
49) Acenaphthene	14.47	153	166674	2.670	ng/ul	97
53) Dibenzofuran	14.81	168	171107	1.942	ng/ul	96
58) Fluorene	15.46	166	189262	2.735	ng/ul	94
69) Phenanthrene	17.21	178	2227847	23.961	ng/ul	99
71) Anthracene	17.29	178	501179	5.309	ng/ul	100
74) Carbazole	17.56	167	244541	2.876	ng/ul	100
76) Fluoranthene	19.23	202	2166773	21.830	ng/ul	96
79) Pyrene	19.59	202	1787384	19.032	ng/ul	95
82) Benzo(a)anthracene	21.36	228	885198	9.498	ng/ul	96
84) Chrysene	21.41	228	846798m	9.742	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	998826	9.702	ng/ul#	95
88) Benzo(k)fluoranthene	23.02	252	362419	3.829	ng/ul#	87
90) Benzo(a)pyrene	23.58	252	726962	7.488	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.99	276	475040	4.170	ng/ul	98
92) Dibenzo(a,h)anthracene	25.99	278	136310	1.437	ng/ul#	78
93) Benzo(g,h,i)perylene	26.71	276	368510	3.841	ng/ul#	92

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

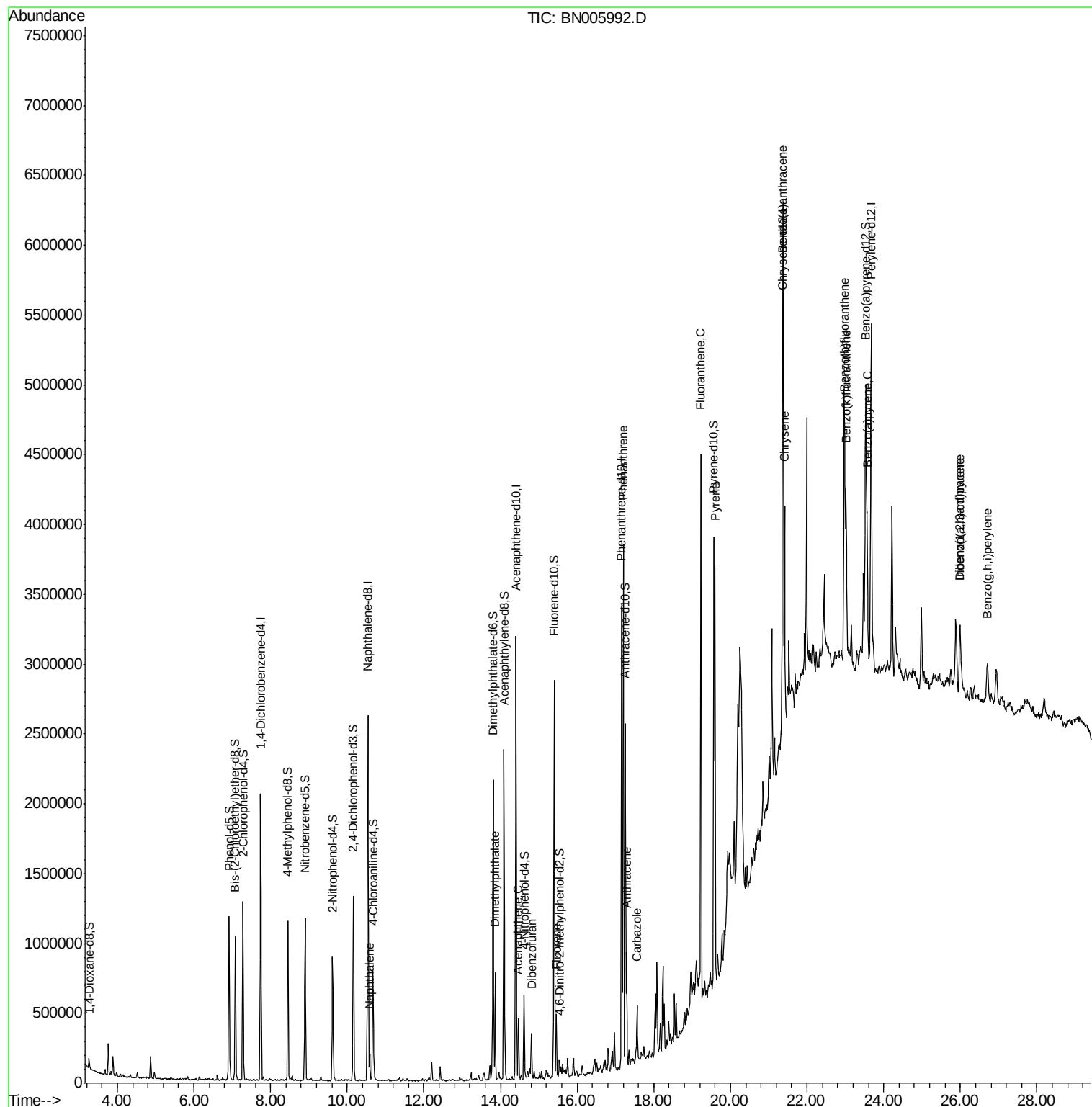
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005992.D
Acq On : 31 May 2019 22:20
Operator : JU/SJ
Sample : K2928-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

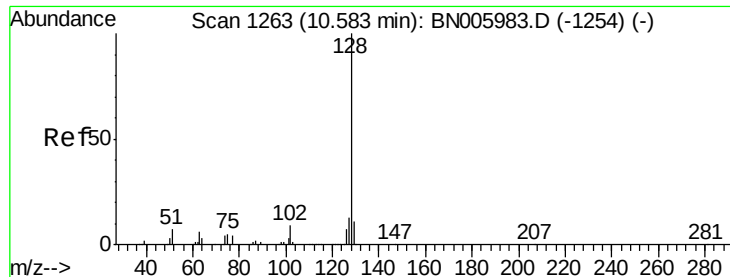
Instrument :
BNA_N
ClientSampleId :
A42C5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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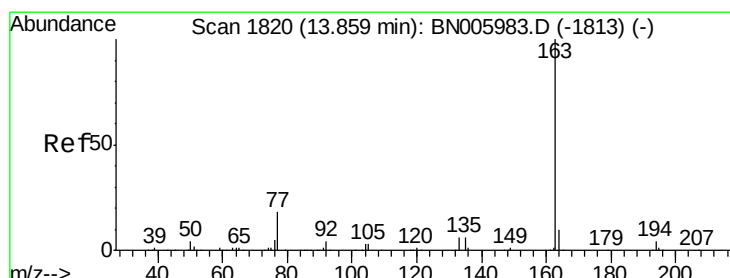
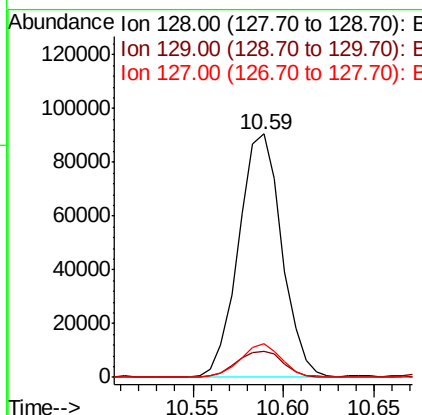
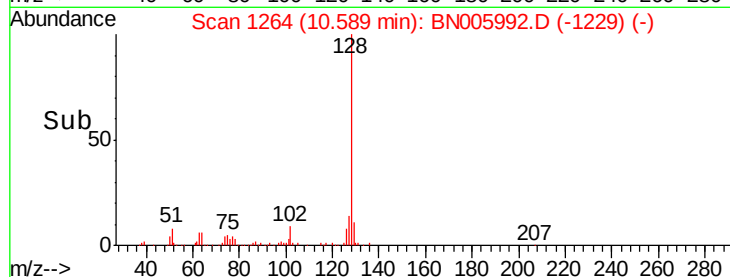
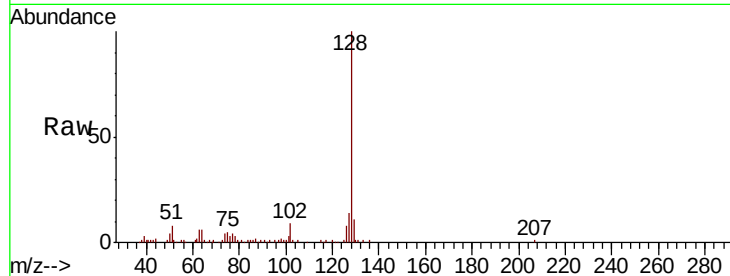
#28
Naphthalene
Concen: 1.489 ng/ul
RT: 10.59 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Instrument :
BNA_N
ClientSampleId :
A42C5

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	13.9	10.7	16.1

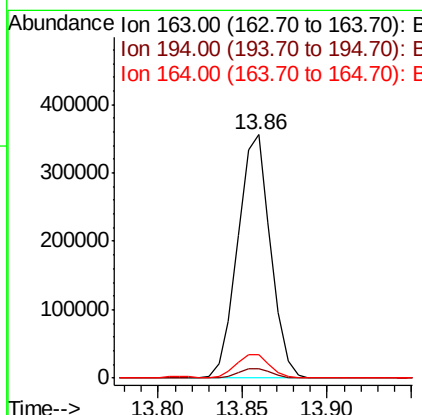
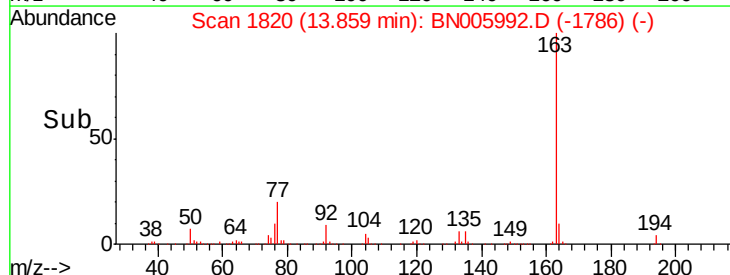
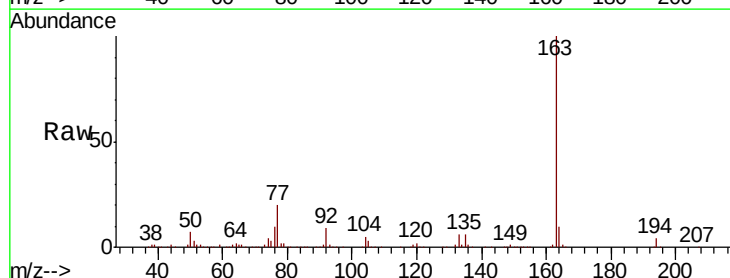
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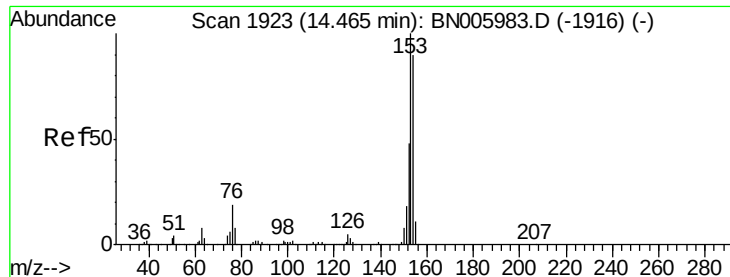
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#44
Dimethylphthalate
Concen: 6.411 ng/ul
RT: 13.86 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.8	8.1	12.1





#49

Acenaphthene

Concen: 2.670 ng/ul

RT: 14.47 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BN005992.D

Acq: 31 May 2019 22:20

Instrument :

BNA_N

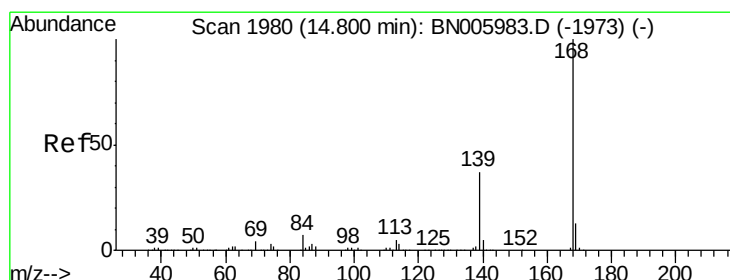
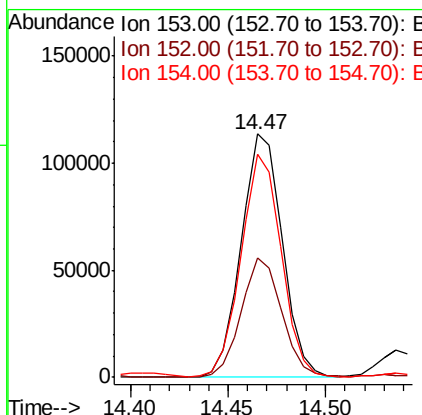
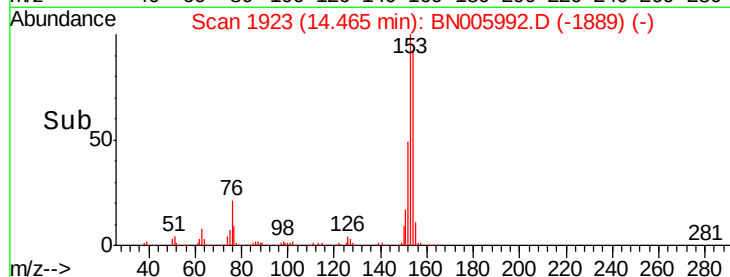
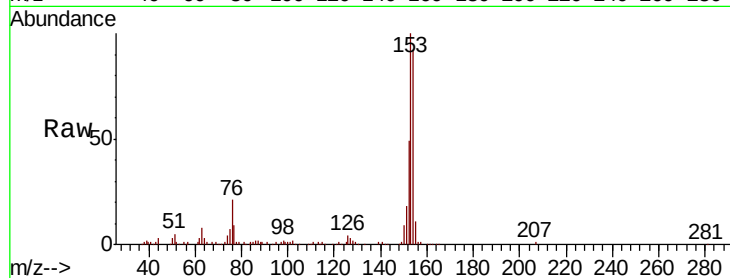
ClientSampleId :

A42C5

Tot Ion:	153	Resp:	166674
Ion Ratio	Lower	Upper	
153	100		
152	49.3	37.4	56.0
154	91.6	71.2	106.8

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#53

Dibenzofuran

Concen: 1.942 ng/ul

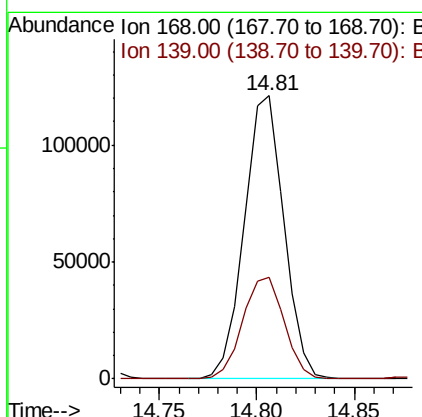
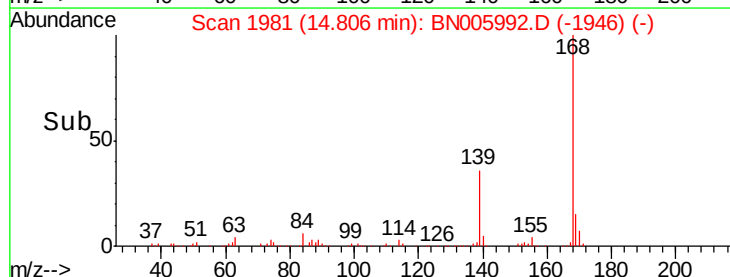
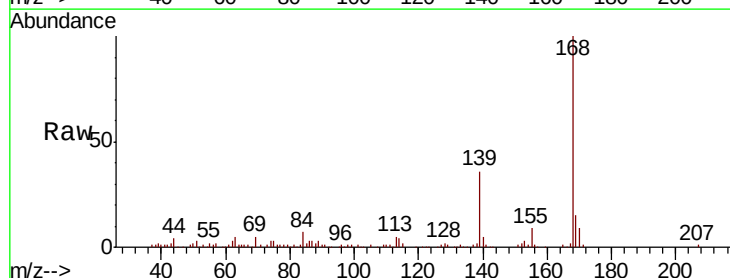
RT: 14.81 min Scan# 1981

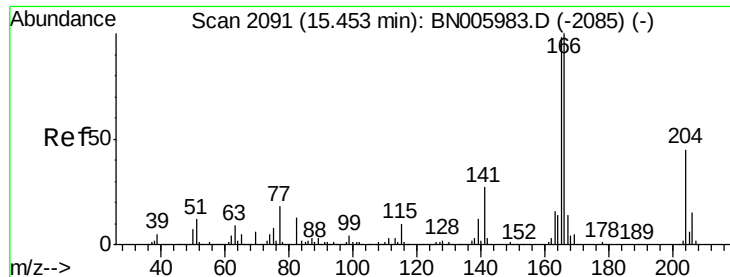
Delta R.T. 0.01 min

Lab File: BN005992.D

Acq: 31 May 2019 22:20

Tgt Ion:	168	Resp:	171107
Ion Ratio	Lower	Upper	
168	100		
139	36.0	30.9	46.3





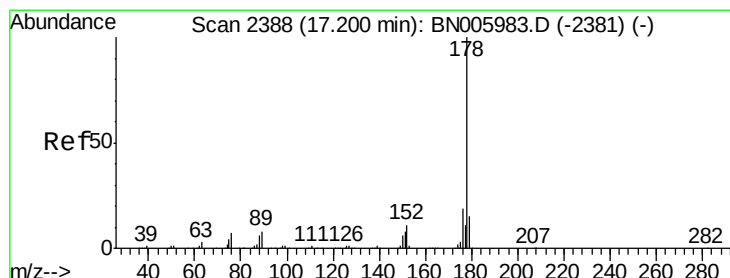
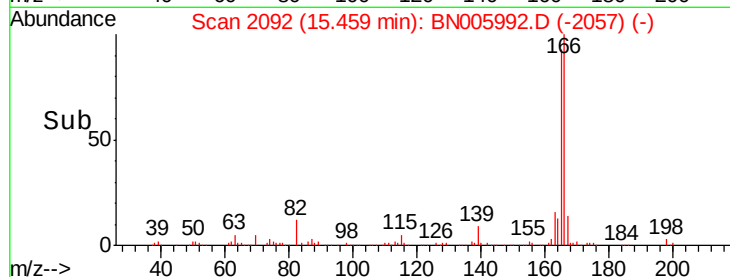
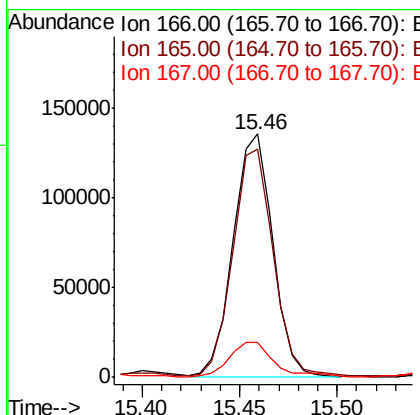
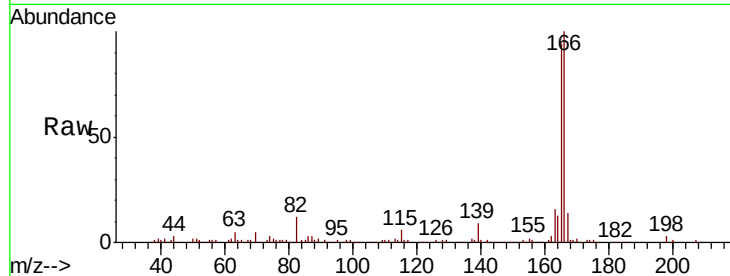
#58
 Fluorene
 Concen: 2.735 ng/ul
 RT: 15.46 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BN005992.D
 Acq: 31 May 2019 22:20

Instrument :
 BNA_N
 ClientSampleId :
 A42C5

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.5	80.0	120.0
167	14.2	10.7	16.1

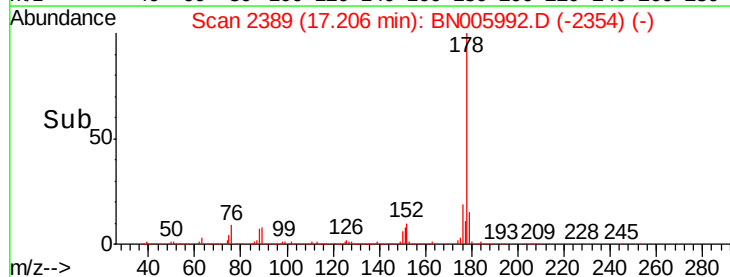
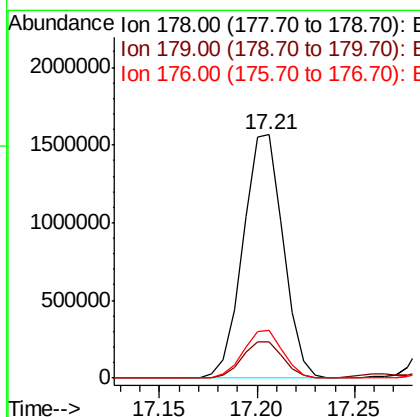
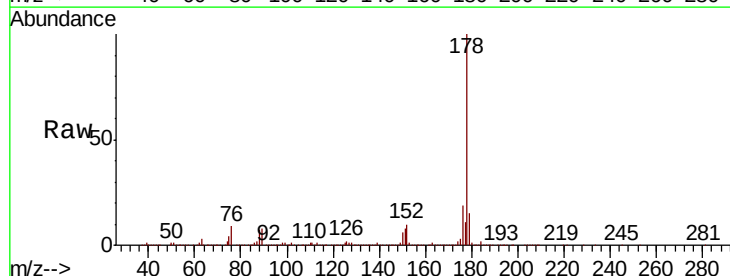
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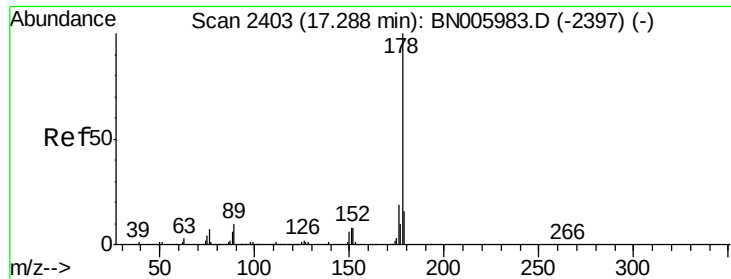
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#69
 Phenanthrene
 Concen: 23.961 ng/ul
 RT: 17.21 min Scan# 2389
 Delta R.T. 0.01 min
 Lab File: BN005992.D
 Acq: 31 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.4	15.1	22.7





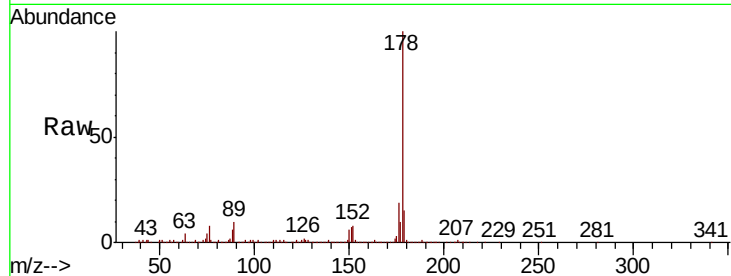
#71
 Anthracene
 Concen: 5.309 ng/ul
 RT: 17.29 min Scan# 2404
 Delta R.T. 0.01 min
 Lab File: BN005992.D
 Acq: 31 May 2019 22:20

Instrument :
 BNA_N
 ClientSampleId :
 A42C5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	15.1	22.7

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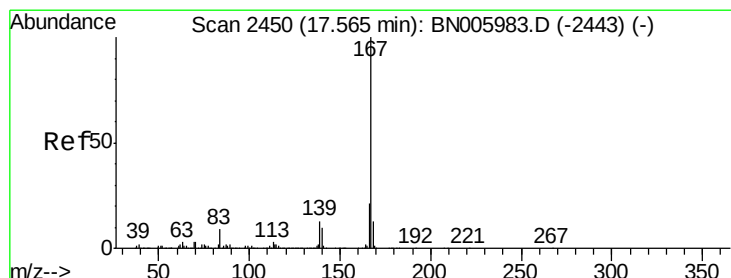
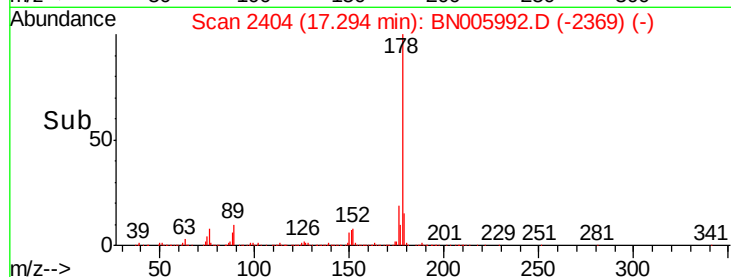
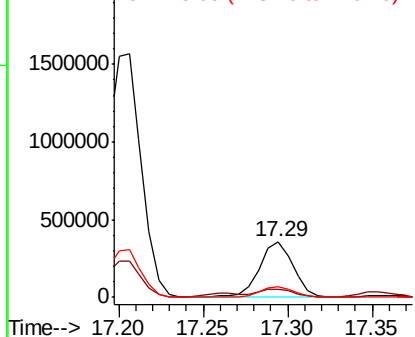


Abundance

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: 2.876 ng/ul
 RT: 17.56 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BN005992.D
 Acq: 31 May 2019 22:20

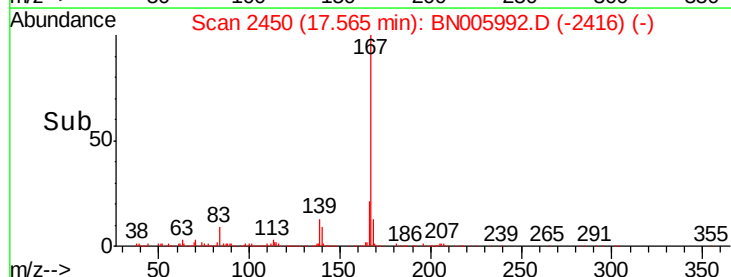
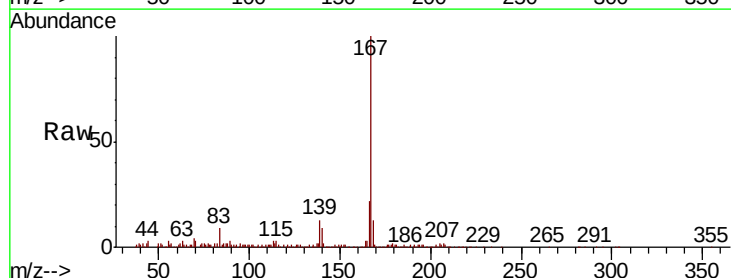
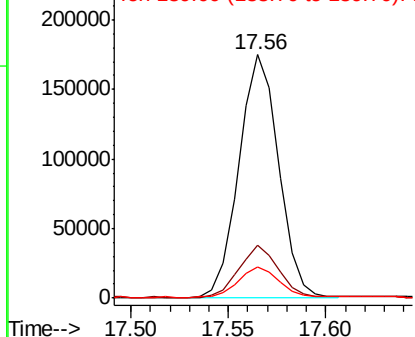
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.6	16.0

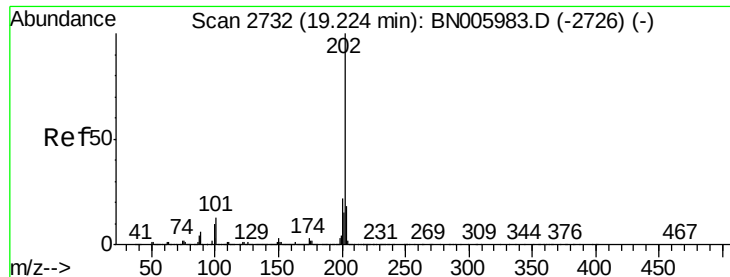
Abundance

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





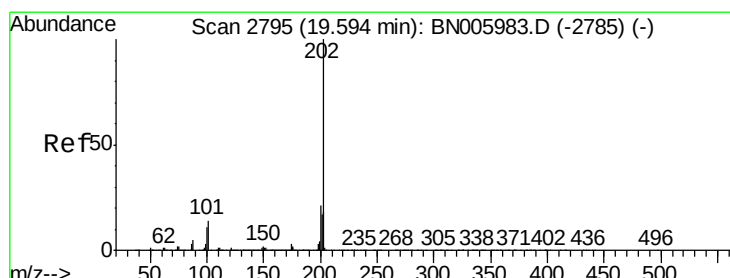
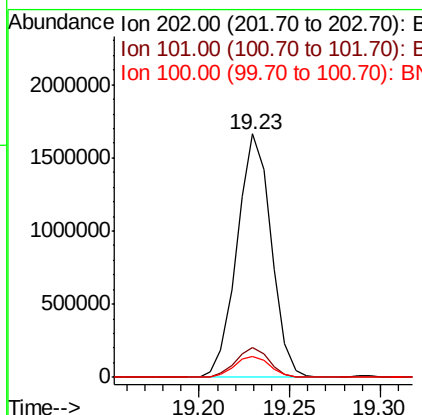
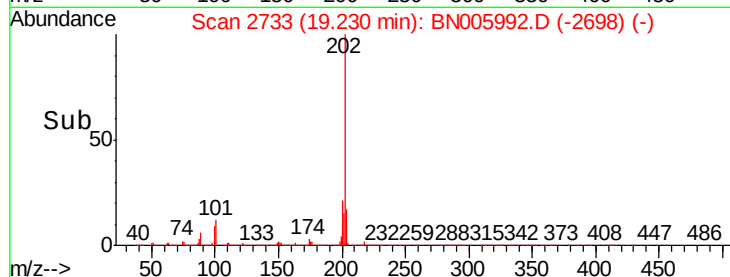
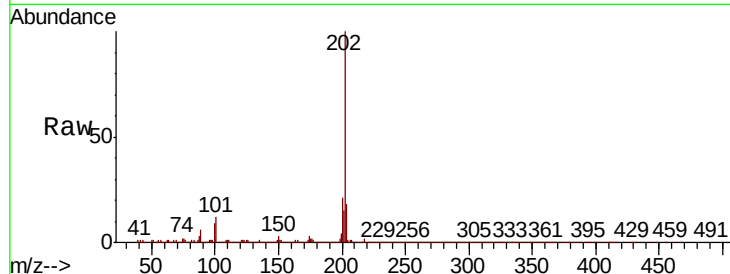
#76
Fluoranthene
Concen: 21.830 ng/ul
RT: 19.23 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Instrument :
BNA_N
ClientSampleId :
A42C5

Tot Ion:	202	Resp:	2166773
Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
100	8.8	6.3	9.5

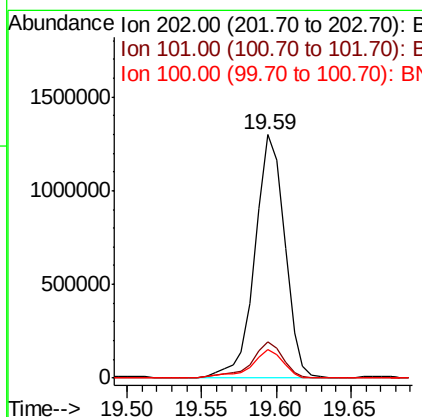
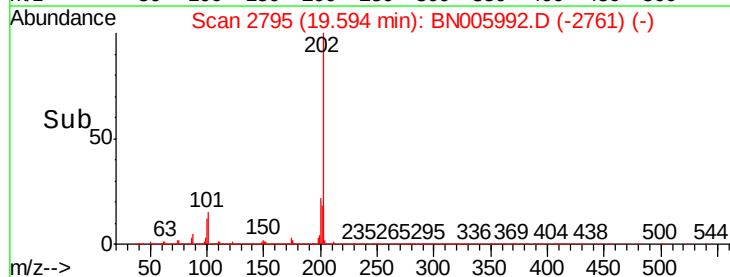
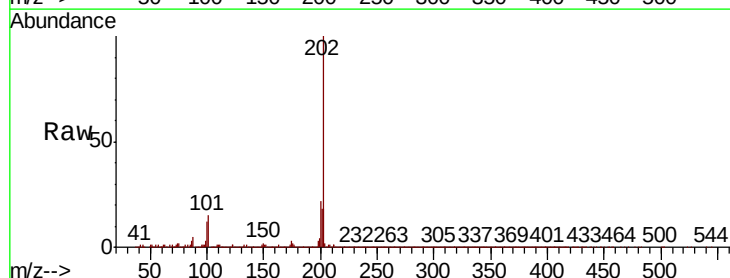
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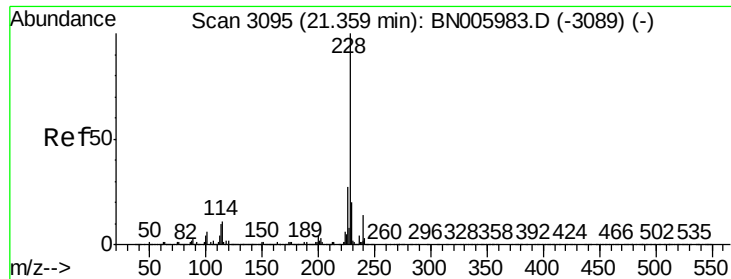
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#79
Pyrene
Concen: 19.032 ng/ul
RT: 19.59 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Tgt Ion:	202	Resp:	1787384
Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.3	15.5
100	11.6	7.9	11.9





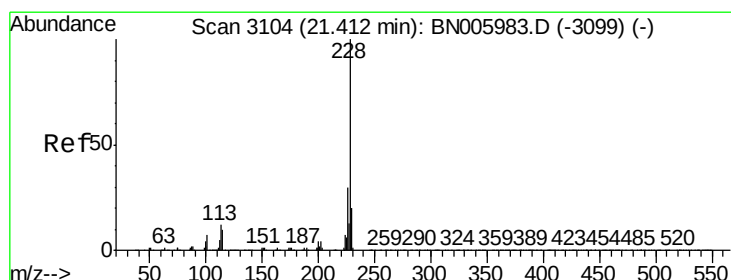
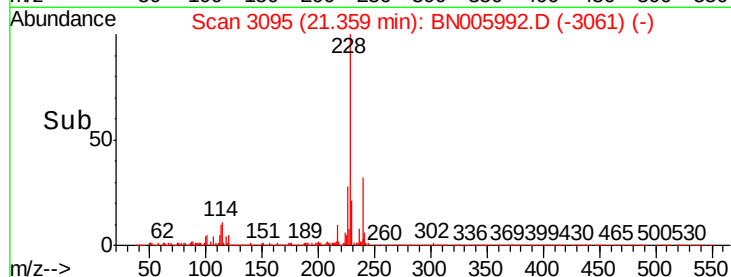
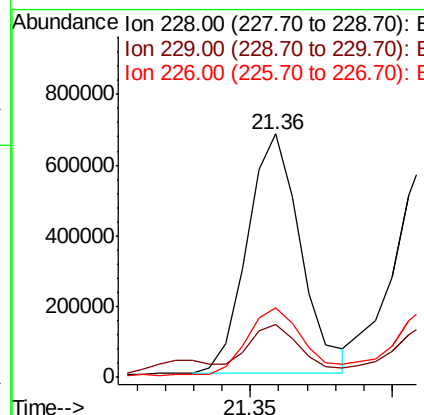
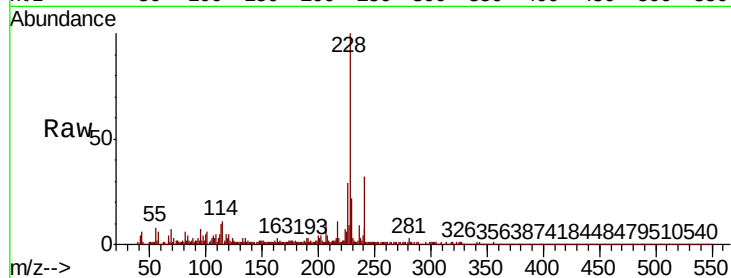
#82
Benzo(a)anthracene
Concen: 9.498 ng/ul
RT: 21.36 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Instrument :
BNA_N
ClientSampleId :
A42C5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	28.7	21.4	32.2

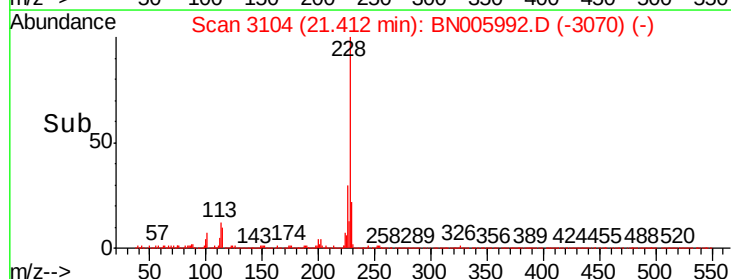
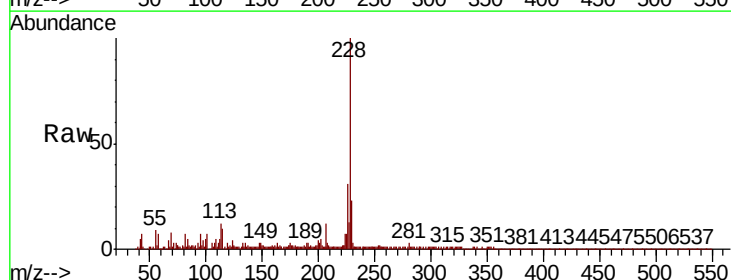
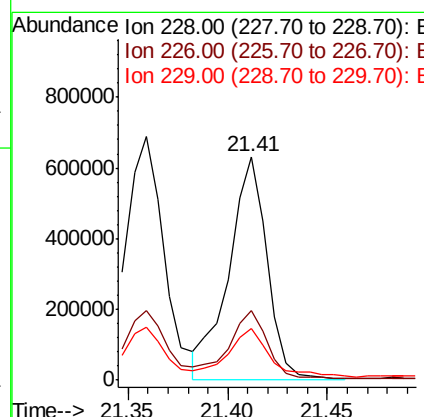
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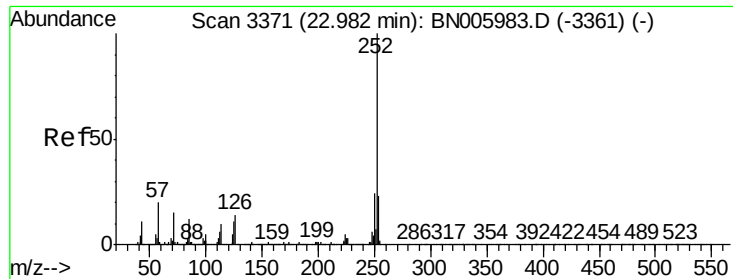
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#84
Chrysene
Concen: 9.742 ng/ul m
RT: 21.41 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	23.3	15.4	23.0#





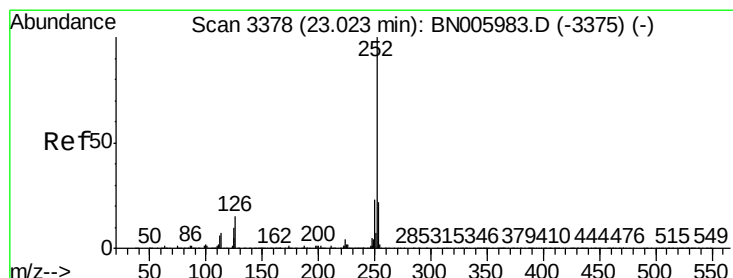
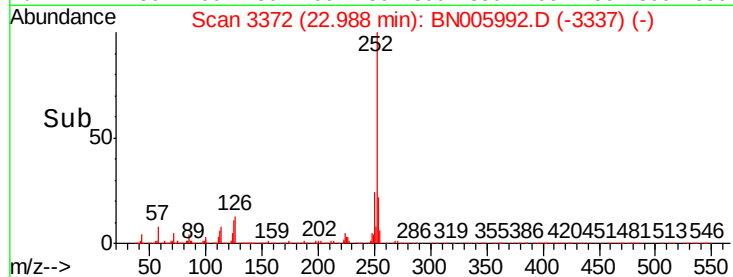
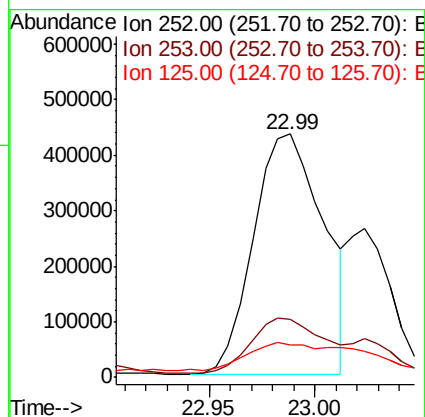
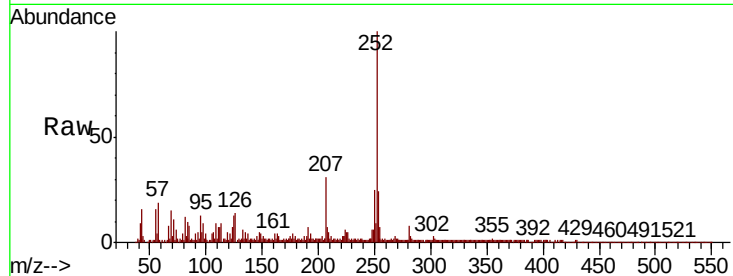
#87
Benzo(b)fluoranthene
Concen: 9.702 ng/ul
RT: 22.99 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Instrument :
BNA_N
ClientSampleId :
A42C5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	17.7	26.5
125	13.4	8.4	12.6

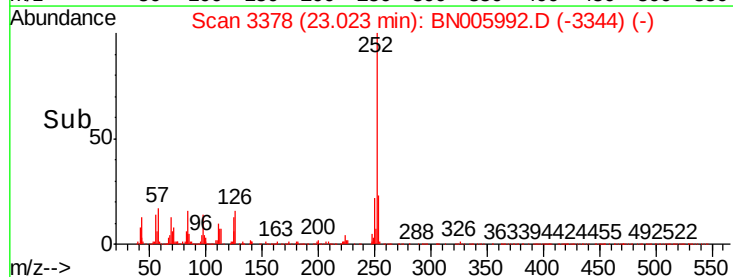
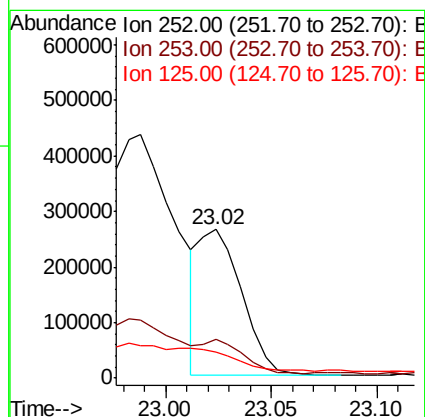
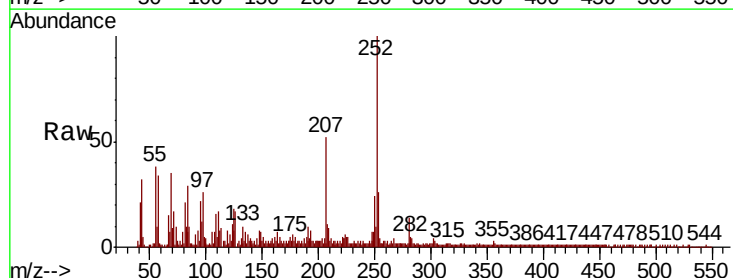
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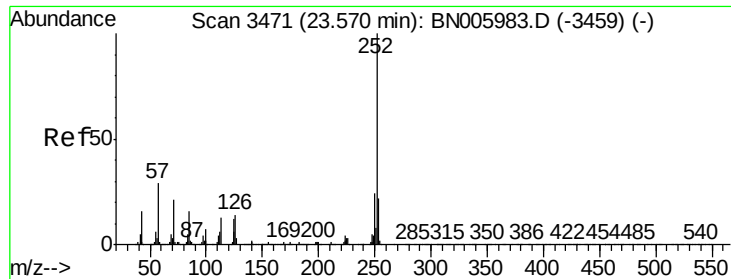
mohammad
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#88
Benzo(k)fluoranthene
Concen: 3.829 ng/ul
RT: 23.02 min Scan# 3378
Delta R.T. 0.00 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.7	17.4	26.0
125	17.6	7.5	11.3





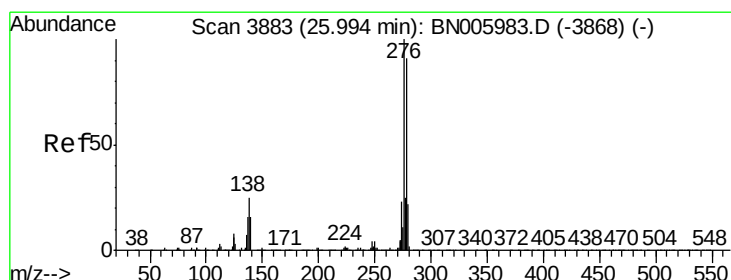
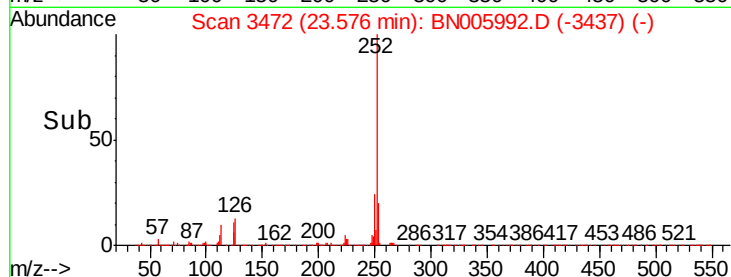
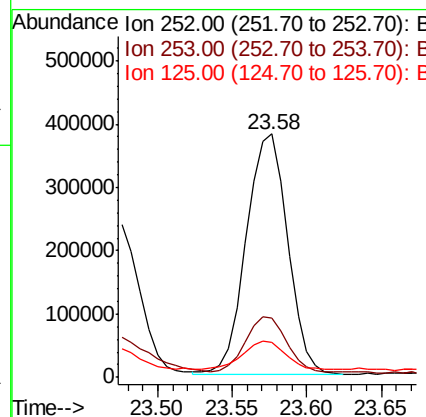
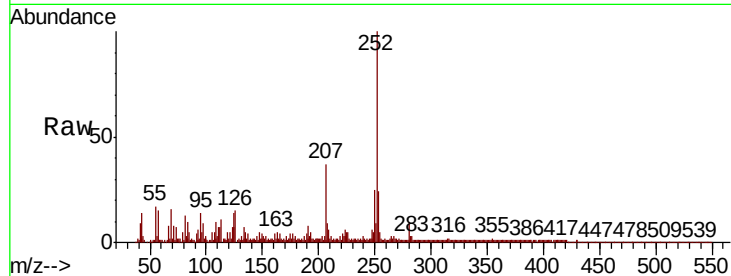
#90
Benzo(a)pyrene
Concen: 7.488 ng/ul
RT: 23.58 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Instrument :
BNA_N
ClientSampled :
A42C5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	14.2	8.6	13.0

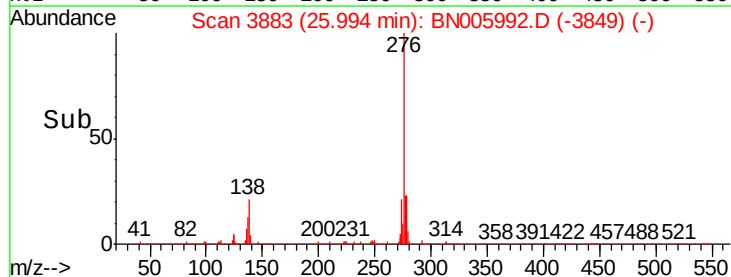
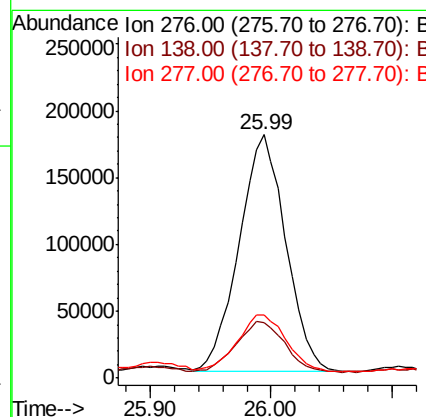
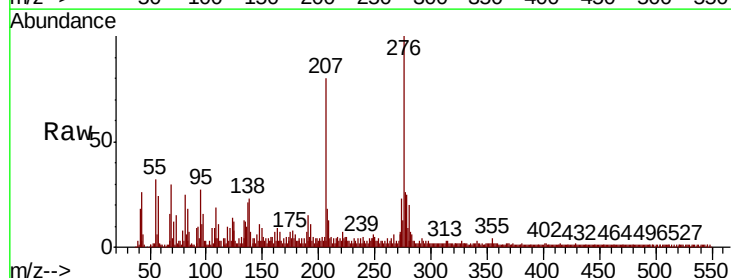
Manual Integrations
APPROVED

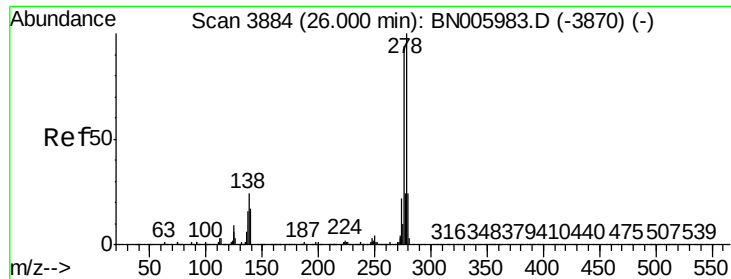
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#91
Indeno(1,2,3-cd)pyrene
Concen: 4.170 ng/ul
RT: 25.99 min Scan# 3883
Delta R.T. 0.00 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.9	26.9
277	25.8	19.7	29.5





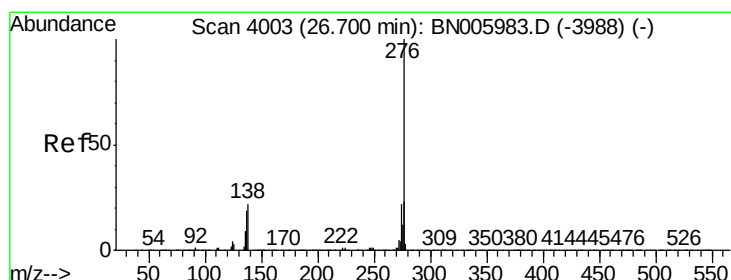
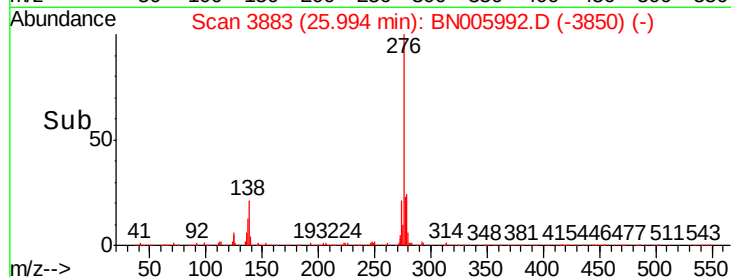
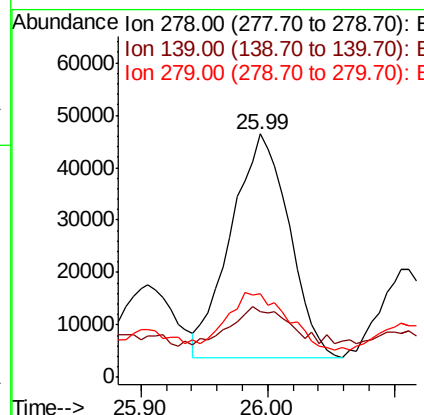
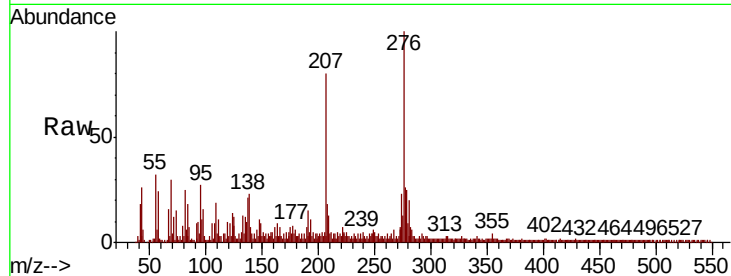
#92
Dibenzo(a,h)anthracene
Concen: 1.437 ng/ul
RT: 25.99 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Instrument :
BNA_N
ClientSampleId :
A42C5

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.9	13.1	19.7#
279	34.3	19.4	29.0#

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 3.841 ng/ul
RT: 26.71 min Scan# 4004
Delta R.T. 0.01 min
Lab File: BN005992.D
Acq: 31 May 2019 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	16.7	25.1
277	27.3	18.2	27.2#

