

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006051.D
 Acq On : 03 Jun 2019 23:31
 Operator : JU/SJ
 Sample : K2925-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4288MSD

Manual Integrations
 APPROVED

Sohil
 6/4/2019 8:39:28 AM

Quant Time: Jun 04 02:44:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	406909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1714386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	908260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1614024	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1189226	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	1373415	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28147	3.22	ng/uL	0.00
5) Phenol-d5	6.89	99	453665	13.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	377351	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	446785	16.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	315723	11.74	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	243807	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	249829	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	387450	15.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	75386	2.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1379909	21.48	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1654943	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	50026	4.21	ng/ul	0.00
57) Fluorene-d10	15.38	176	1096539	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	67049	8.57	ng/ul	0.00
70) Anthracene-d10	17.23	188	1356181	20.05	ng/ul	0.00
78) Pyrene-d10	19.54	212	1321040	19.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	1240232	20.33	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	6.92	94	473516	13.790	ng/ul 98
10) 2-Chlorophenol	7.29	128	451500	16.746	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	412441	19.996	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	386123	13.978	ng/ul 100
44) Dimethylphthalate	13.84	163	300233	4.721	ng/ul 98
49) Acenaphthene	14.44	153	1253061	22.898	ng/ul 99
52) 4-Nitrophenol	14.60	109	43047	4.798	ng/ul 97
54) 2,4-Dinitrotoluene	14.75	165	337634	18.218	ng/ul 100
58) Fluorene	15.43	166	87172	1.452	ng/ul 97
68) Pentachlorophenol	16.79	266	153990	16.241	ng/ul 96
69) Phenanthrene	17.18	178	1427690	18.228	ng/ul 99
71) Anthracene	17.26	178	142146	1.787	ng/ul 98
76) Fluoranthene	19.20	202	1449049	19.011	ng/ul 99
79) Pyrene	19.57	202	3175254	37.045	ng/ul 98
82) Benzo(a)anthracene	21.33	228	509613	6.935	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.26	149	166058	3.115	ng/ul 98
84) Chrysene	21.38	228	667950	9.607	ng/ul 99
87) Benzo(b)fluoranthene	22.94	252	686847	9.067	ng/ul# 91
88) Benzo(k)fluoranthene	22.98	252	238375m	3.247	ng/ul
90) Benzo(a)pyrene	23.52	252	473636	6.576	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.92	276	335973	4.052	ng/ul 96
92) Dibenzo(a,h)anthracene	25.92	278	84575	1.210	ng/ul# 85
93) Benzo(g,h,i)perylene	26.62	276	316634	4.639	ng/ul 99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

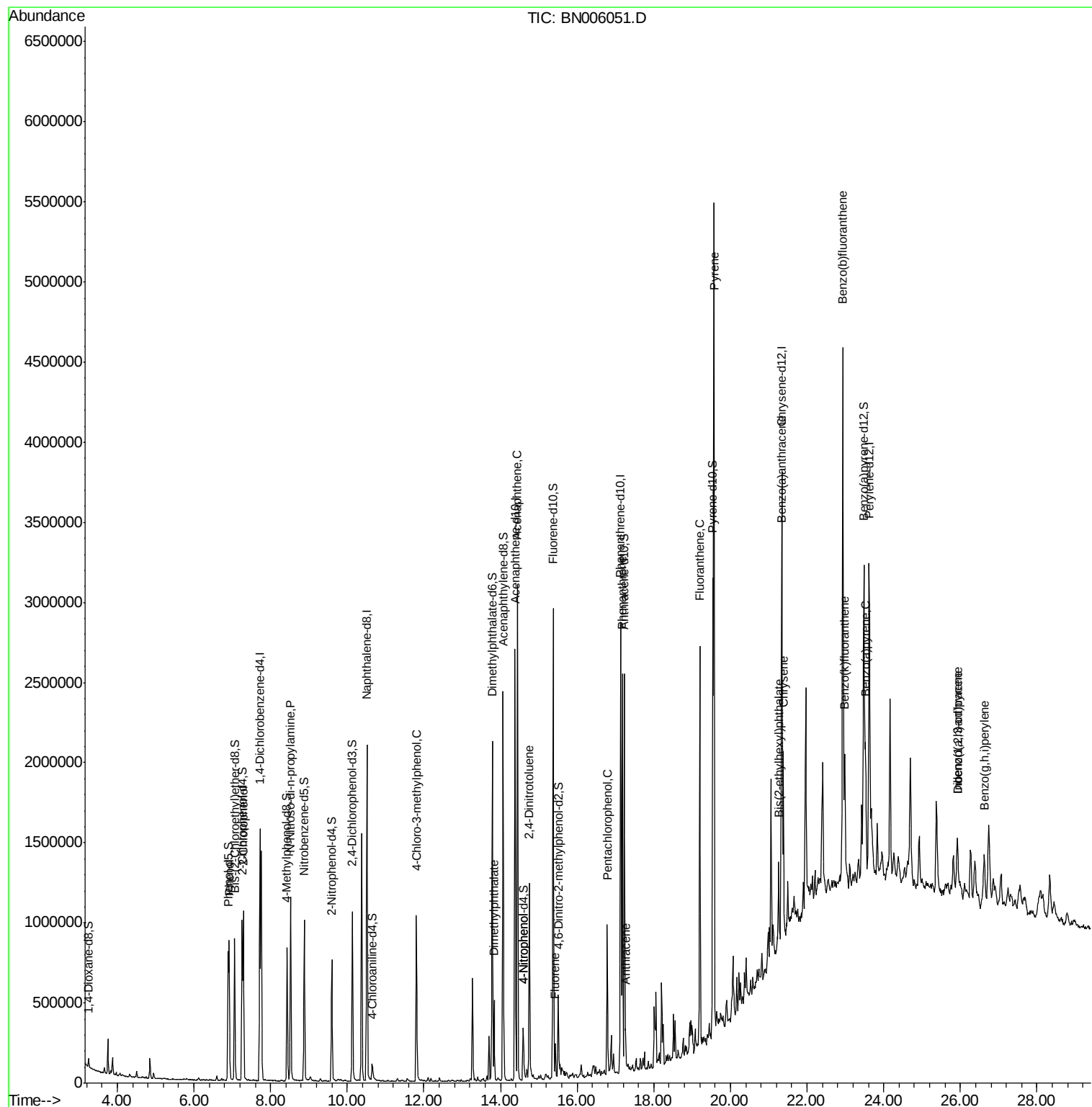
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
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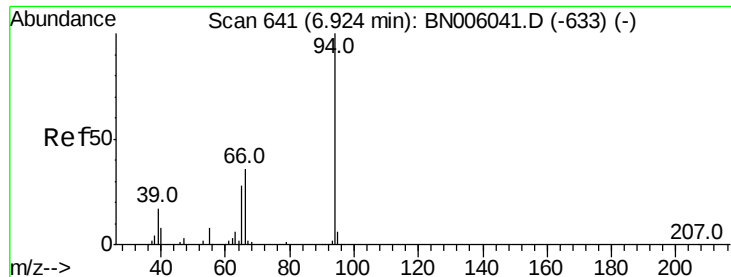
Instrument :
BNA_N
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#6

Phenol

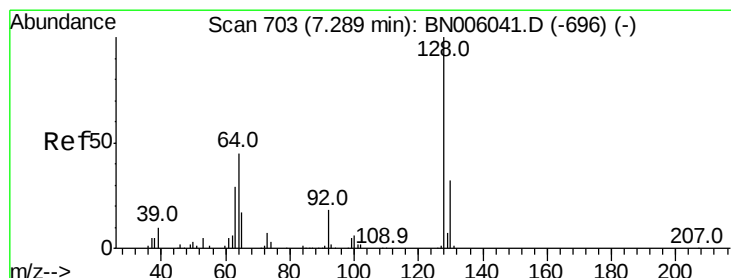
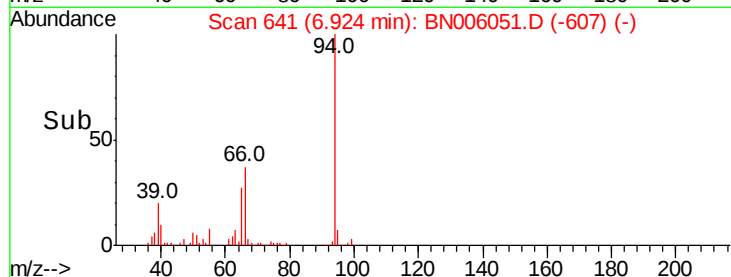
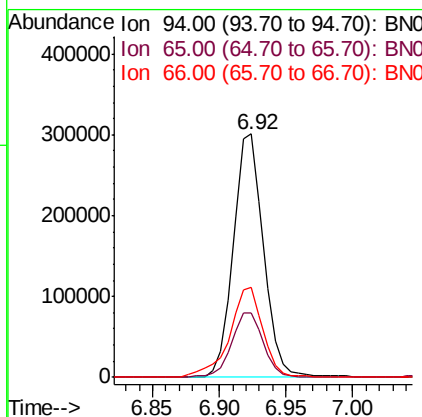
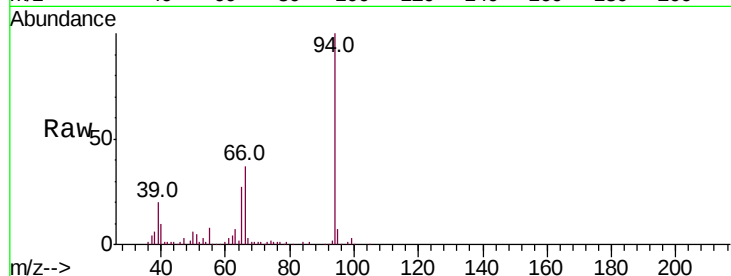
Concen: 13.790 ng/ul
 RT: 6.92 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BN006051.D
 Acq: 03 Jun 2019 23:31

Instrument :
 BNA_N
 ClientSampleId :
 A4288MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.7	21.1	31.7
66	36.8	28.2	42.2

Manual Integrations
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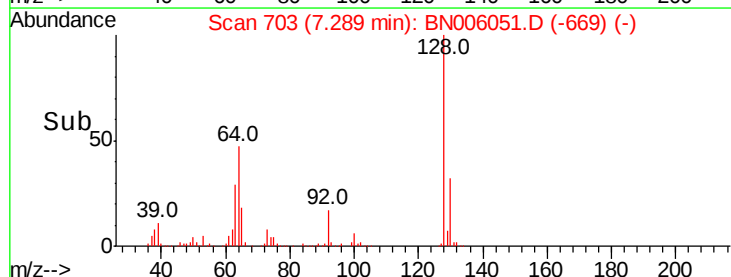
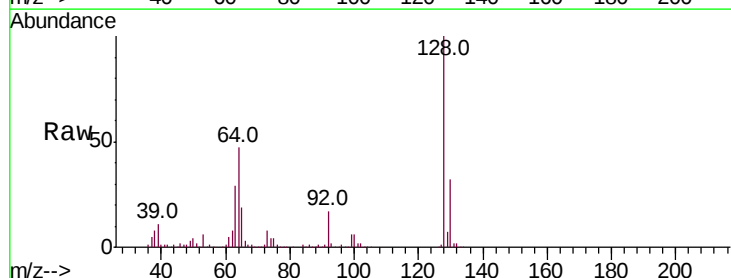
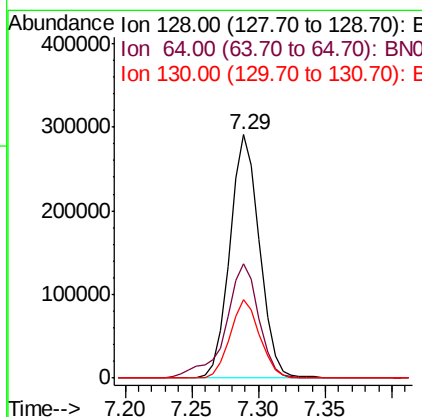


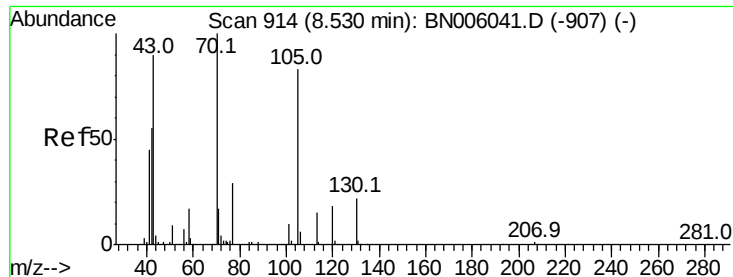
#10

2-Chlorophenol

Concen: 16.746 ng/ul
 RT: 7.29 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BN006051.D
 Acq: 03 Jun 2019 23:31

Tgt Ion	Ratio	Lower	Upper
128	100		
64	46.7	38.7	58.1
130	32.3	26.0	39.0





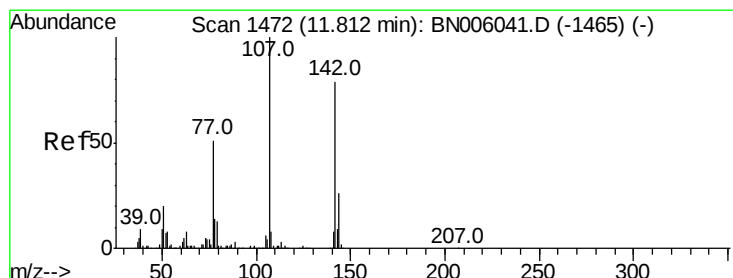
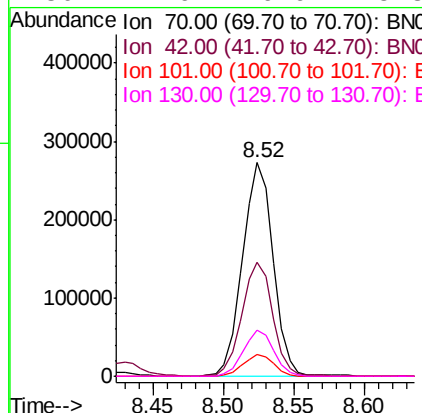
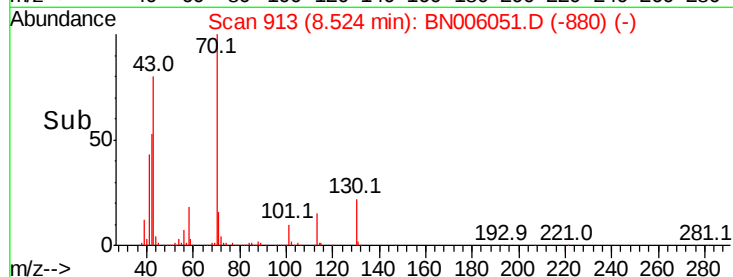
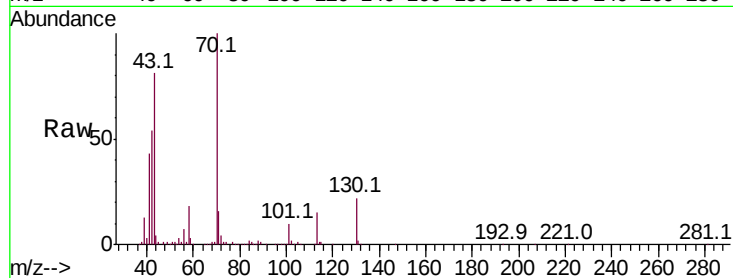
#15
N-Nitroso-di-n-propylamine
Concen: 19.996 ng/ul
RT: 8.52 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :
A4288MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	43.3	64.9
101	10.1	7.8	11.8
130	21.6	16.9	25.3

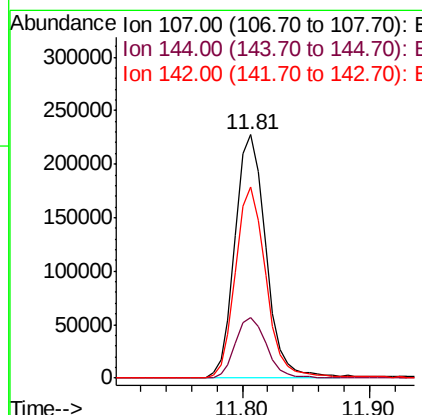
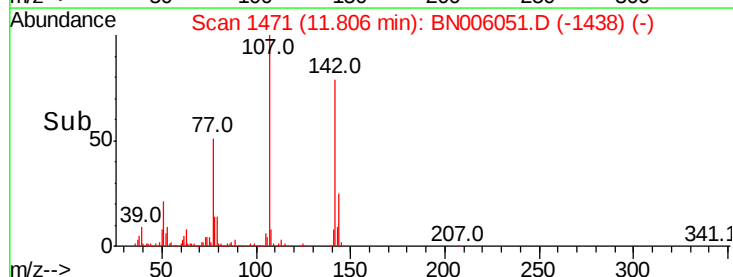
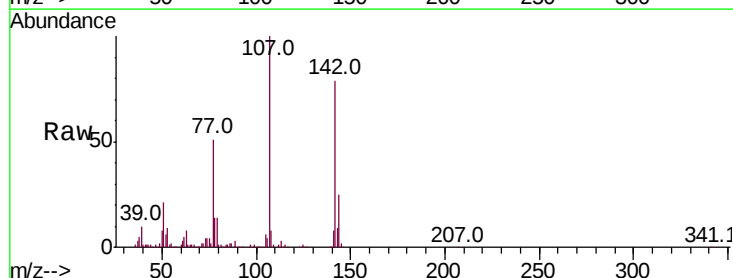
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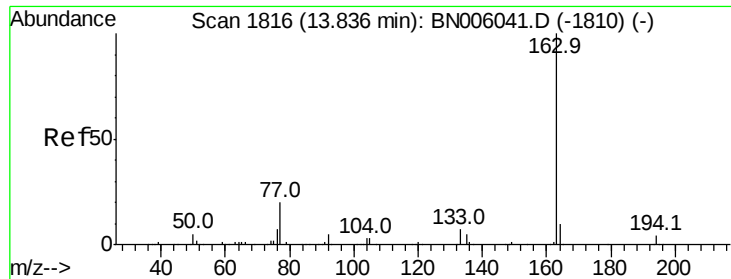
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#33
4-Chloro-3-methylphenol
Concen: 13.978 ng/ul
RT: 11.81 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	78.6	63.1	94.7





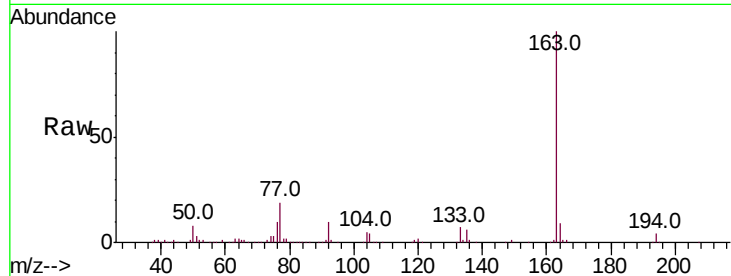
#44
Dimethylphthalate
Concen: 4.721 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :
A4288MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	300233		
194	4.1		3.4	5.2
164	9.3		8.2	12.4

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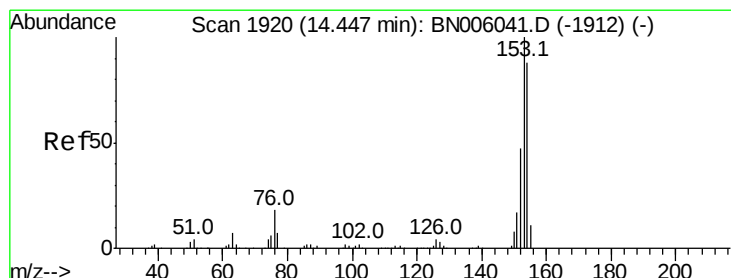
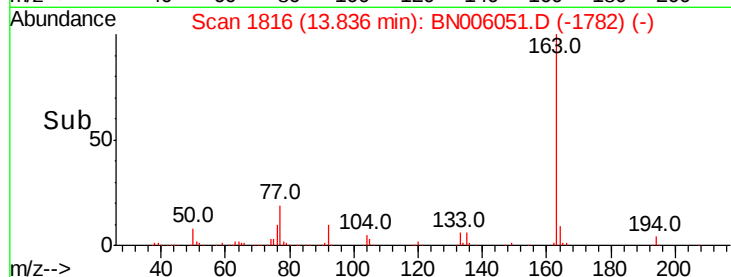
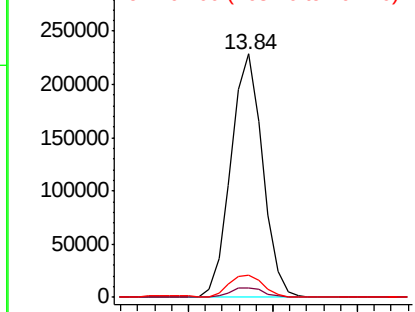


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 22.898 ng/ul
RT: 14.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

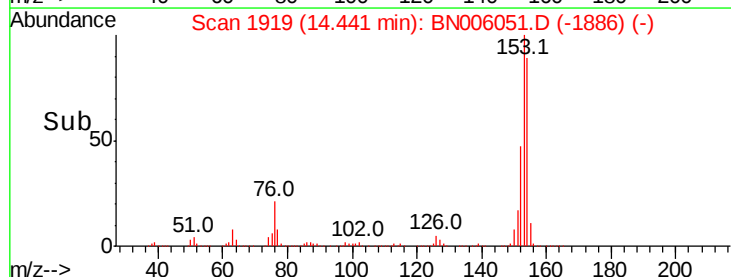
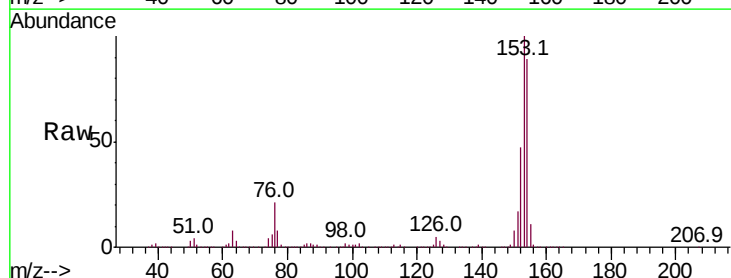
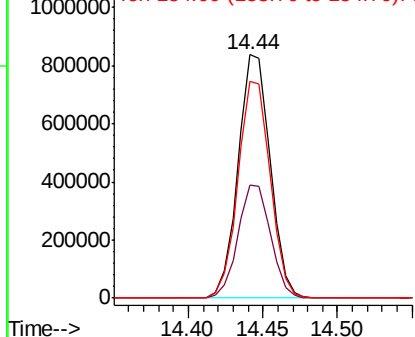
Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1253061		
152	46.5		37.4	56.2
154	89.2		70.7	106.1

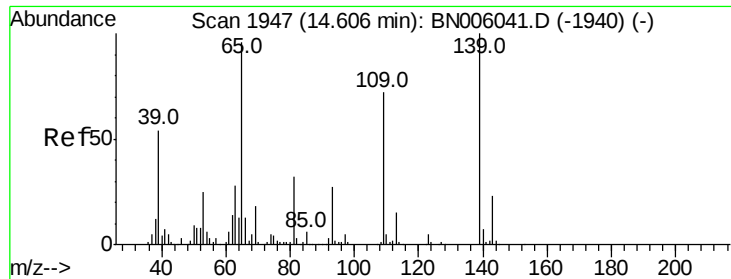
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





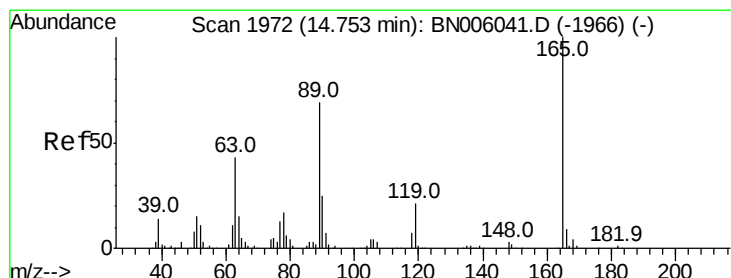
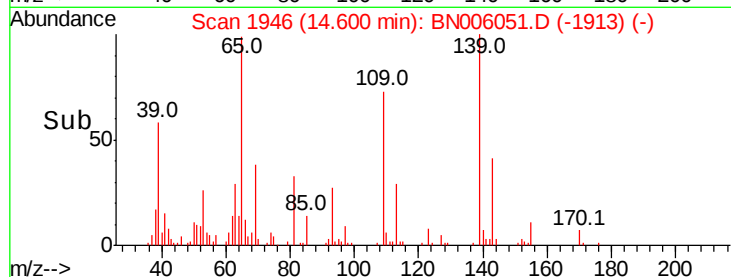
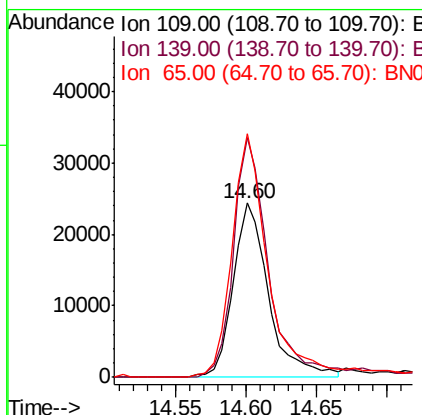
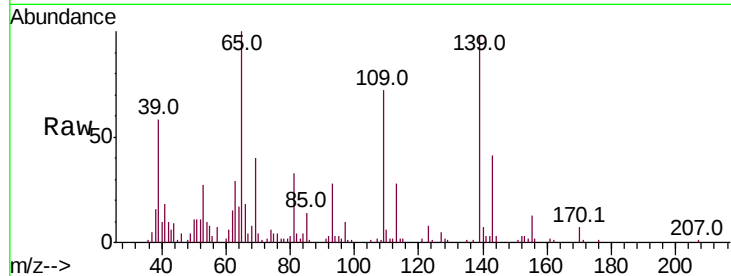
#52
4-Nitrophenol
Concen: 4.798 ng/ul
RT: 14.60 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :
A4288MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	137.5	111.8	167.6
65	139.6	108.5	162.7

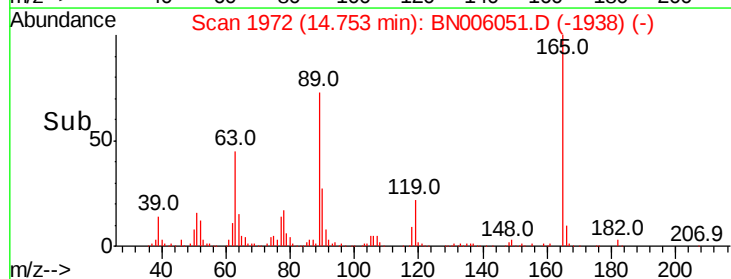
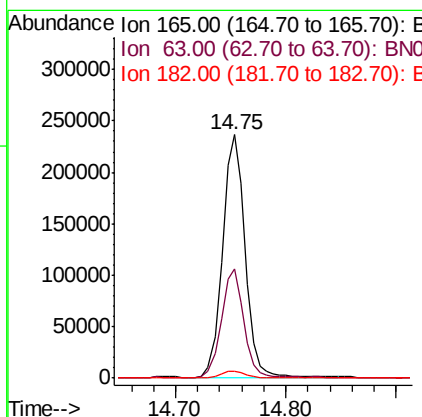
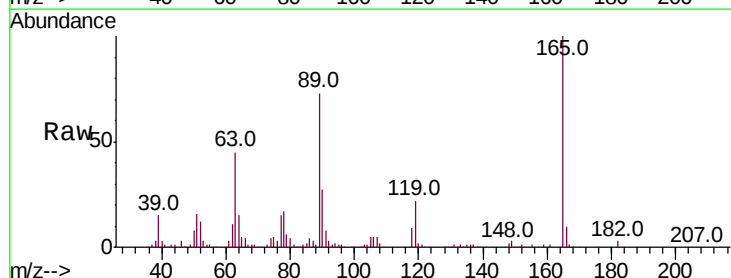
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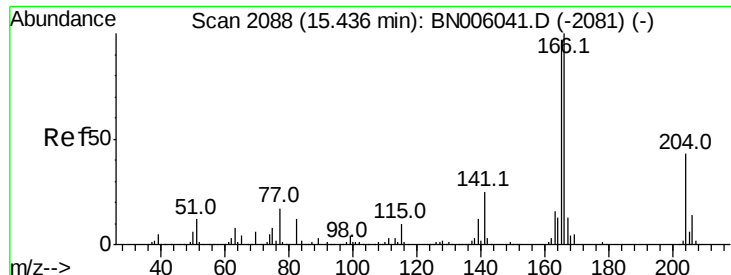
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#54
2,4-Dinitrotoluene
Concen: 18.218 ng/ul
RT: 14.75 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.0	54.0
182	3.0	2.4	3.6





#58

Fluorene

Concen: 1.452 ng/ul

RT: 15.43 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

A4288MSD

Tot Ion:166 Resp: 87172

Ion Ratio Lower Upper

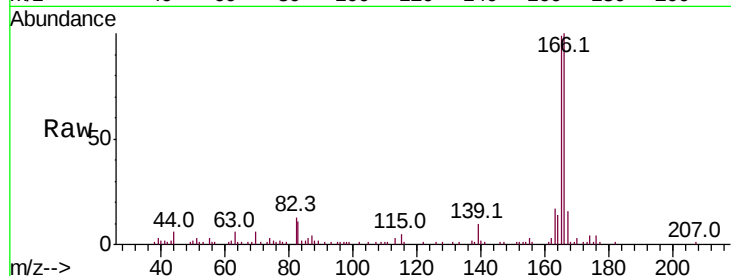
166 100

165 98.9 76.6 115.0

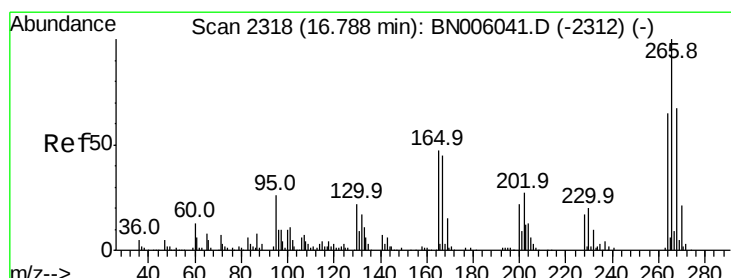
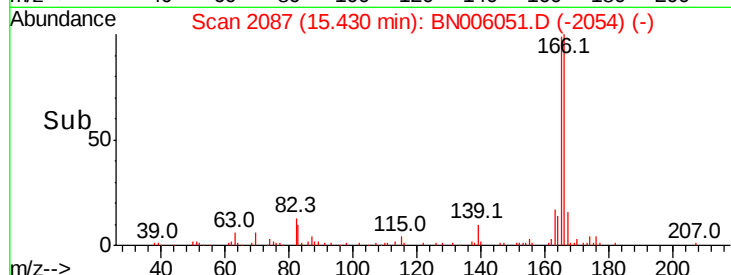
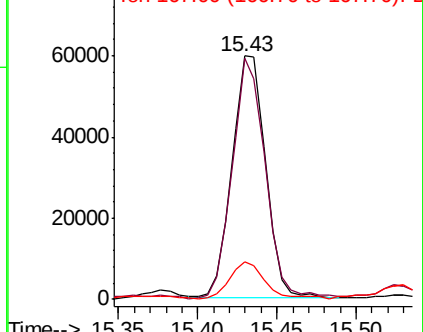
167 15.5 10.8 16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#68

Pentachlorophenol

Concen: 16.241 ng/ul

RT: 16.79 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

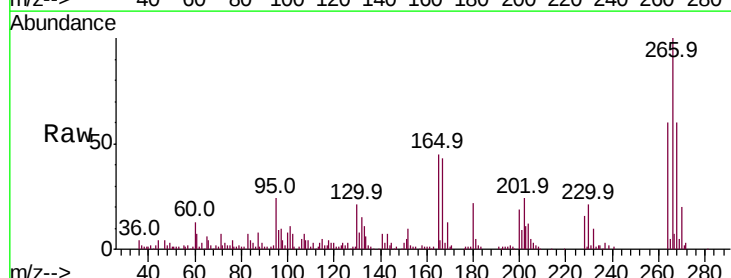
Tgt Ion:266 Resp: 153990

Ion Ratio Lower Upper

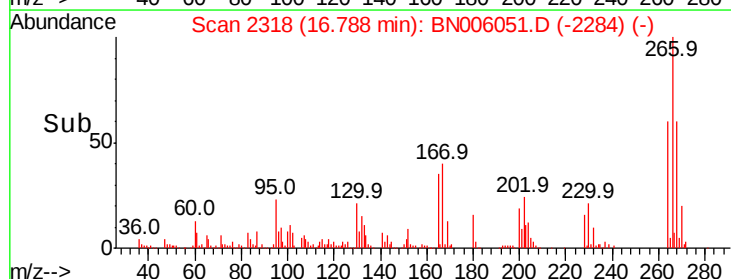
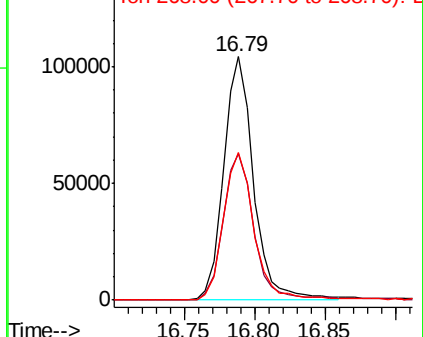
266 100

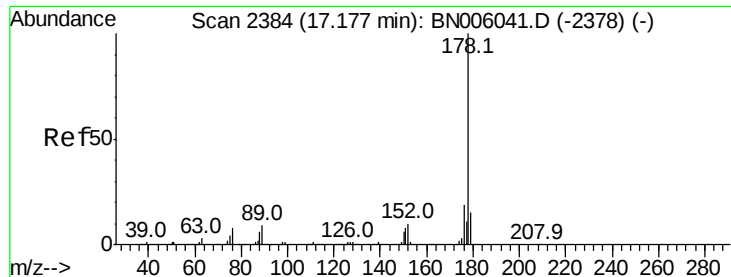
264 60.1 50.8 76.2

268 60.5 50.7 76.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 18.228 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

A4288MSD

Tot Ion:178 Resp: 1427690

Ion Ratio Lower Upper

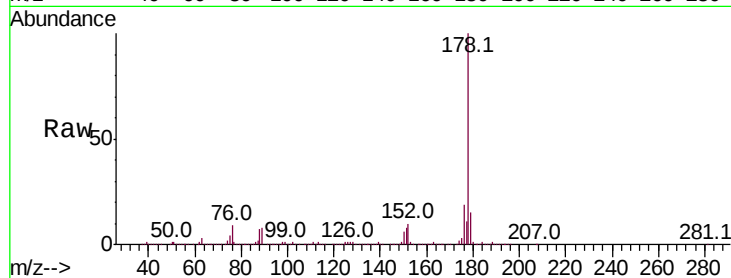
178 100

179 15.1 12.4 18.6

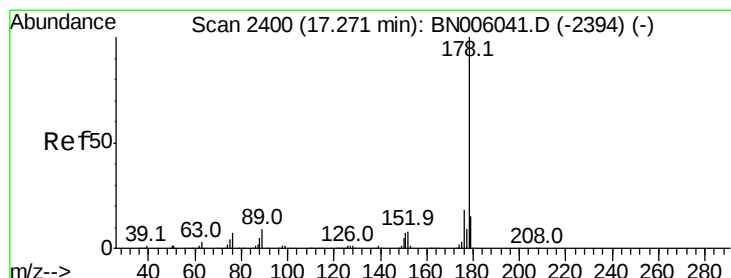
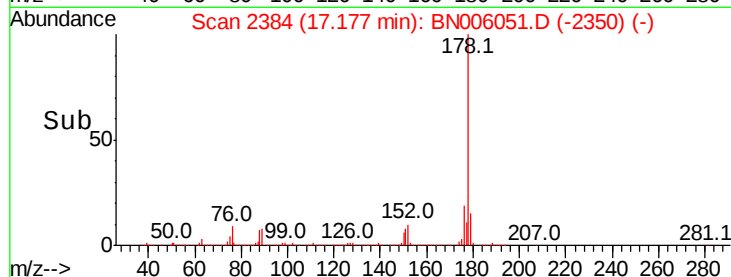
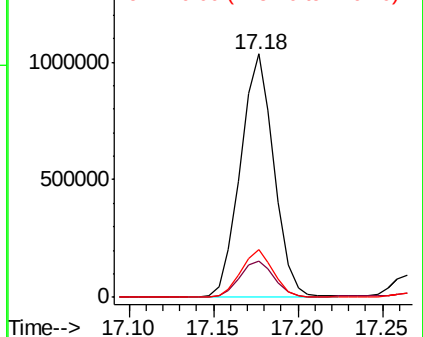
176 19.4 15.0 22.4

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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



#71

Anthracene

Concen: 1.787 ng/ul

RT: 17.26 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

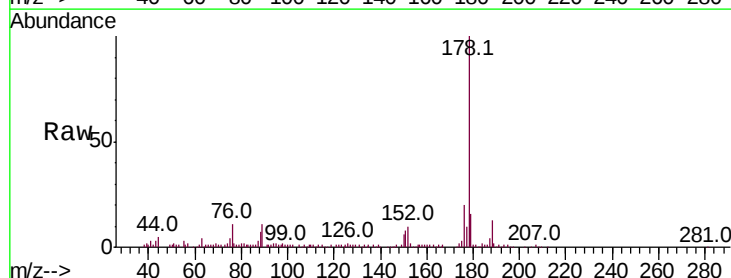
Tgt Ion:178 Resp: 142146

Ion Ratio Lower Upper

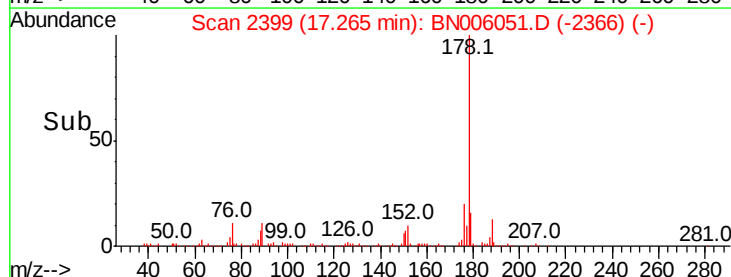
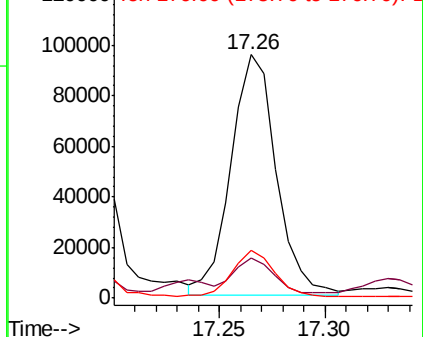
178 100

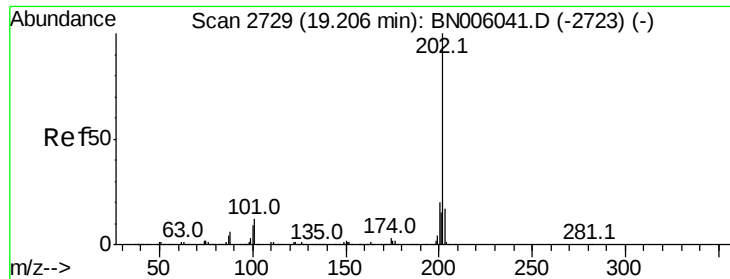
179 16.2 12.4 18.6

176 19.6 14.8 22.2



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





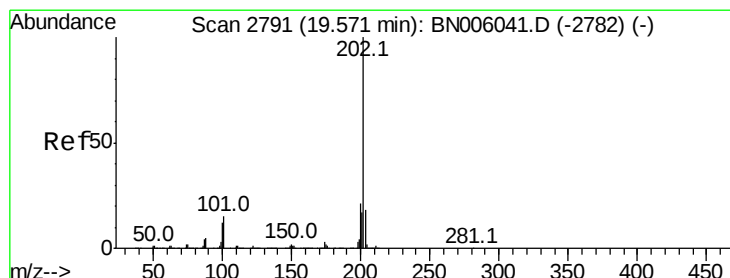
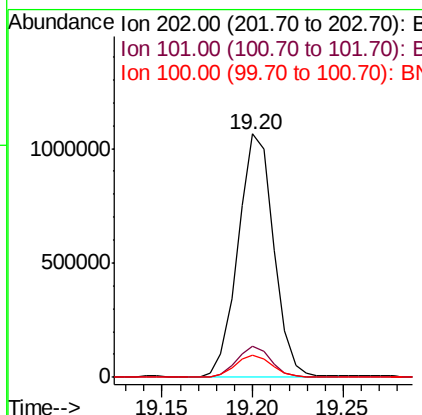
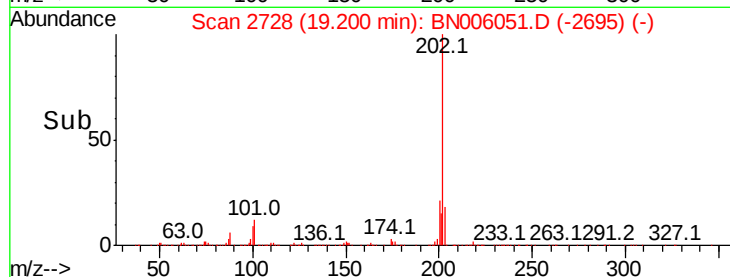
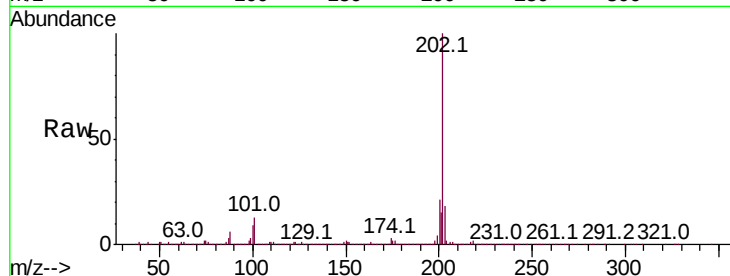
#76
Fluoranthene
Concen: 19.011 ng/ul
RT: 19.20 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :
A4288MSD

Tot Ion:	202	Resp:	1449049
Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
100	9.3	7.1	10.7

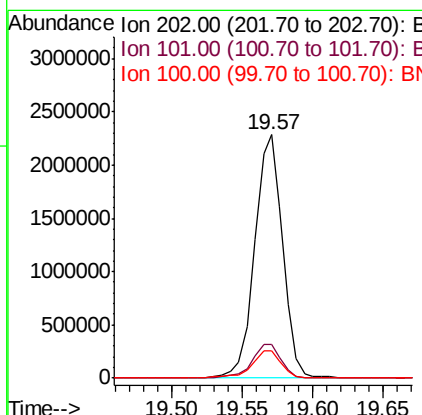
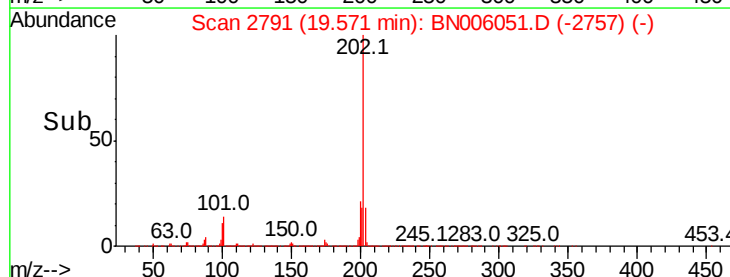
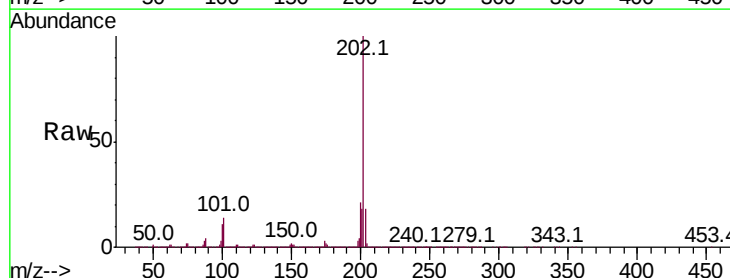
Manual Integrations
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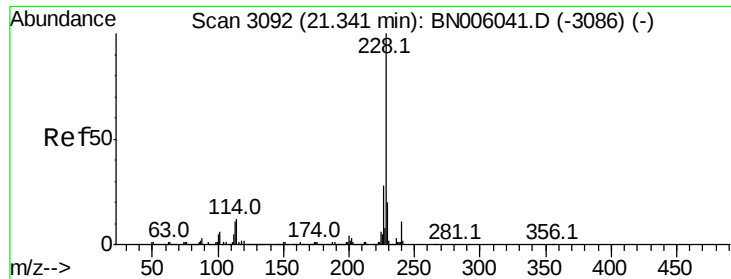
Sohil
6/4/2019 8:39:28 AM



#79
Pyrene
Concen: 37.045 ng/ul
RT: 19.57 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:	202	Resp:	3175254
Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.6	17.4
100	11.3	9.4	14.2





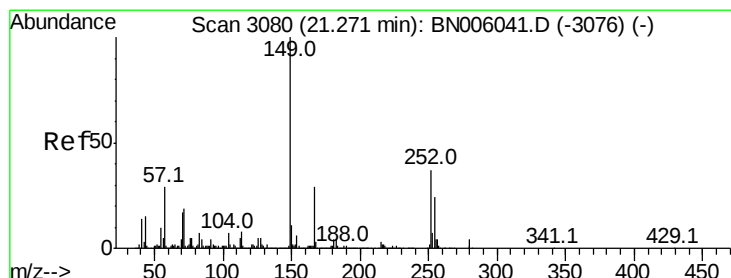
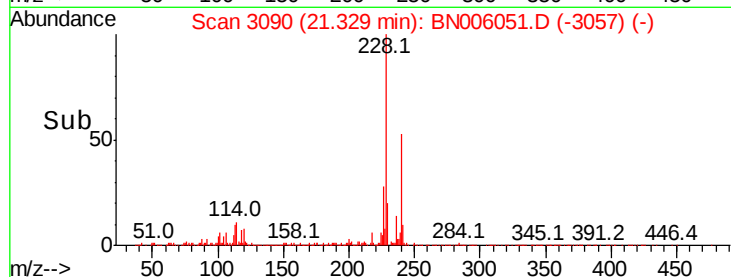
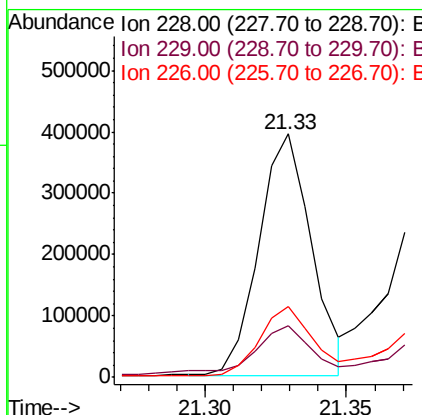
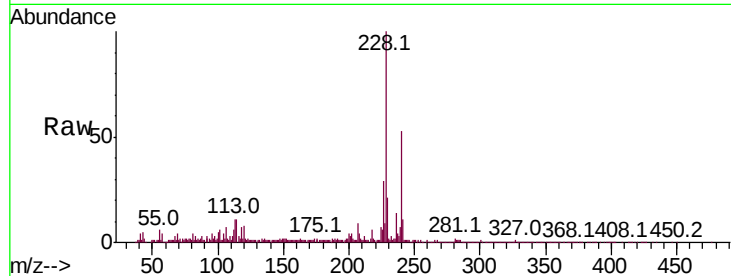
#82
Benzo(a)anthracene
Concen: 6.935 ng/ul
RT: 21.33 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :
A4288MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	28.9	21.6	32.4

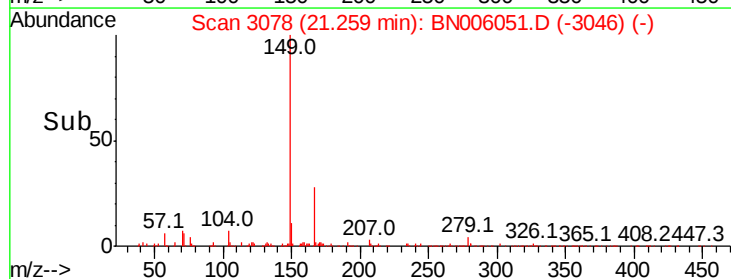
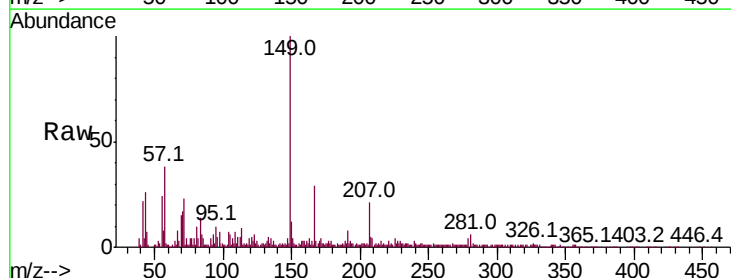
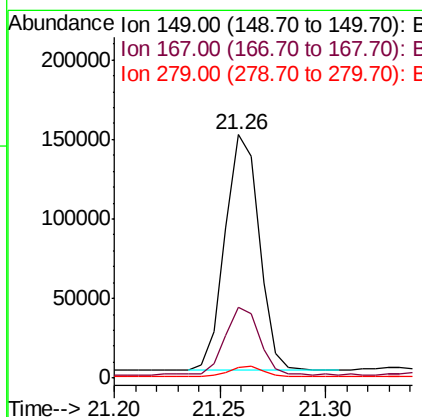
Manual Integrations
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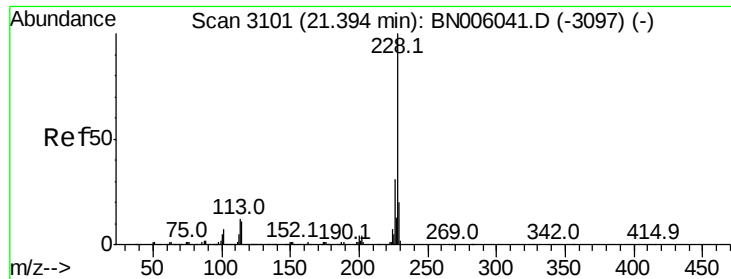
Sohil
6/4/2019 8:39:28 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.115 ng/ul
RT: 21.26 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	4.4	3.6	5.4





#84

Chrysene

Concen: 9.607 ng/ul

RT: 21.38 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

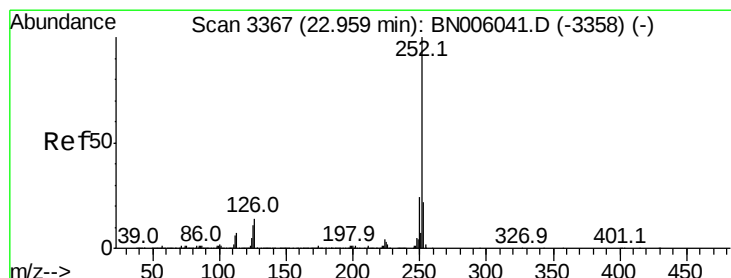
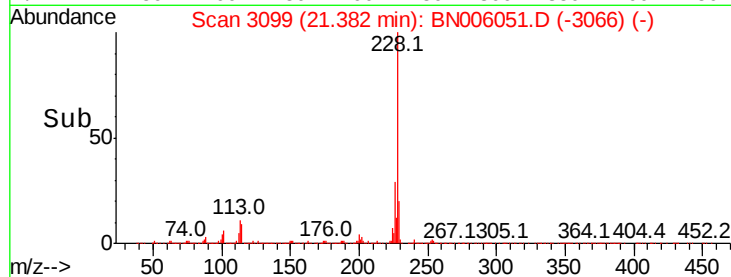
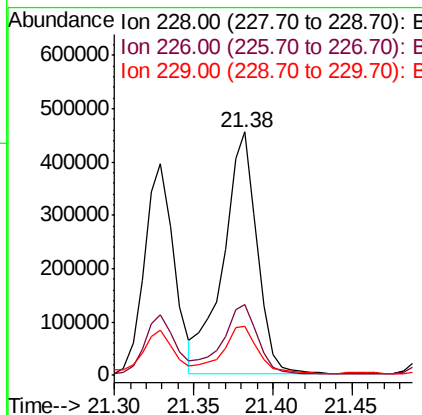
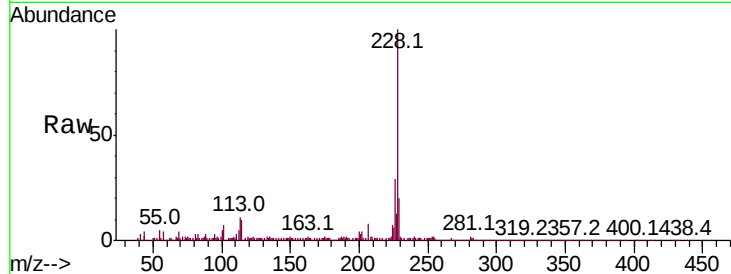
ClientSampleId :

A4288MSD

Tot Ion:	228	Resp:	667950
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.2	36.4
229	20.4	16.3	24.5

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 9.067 ng/ul

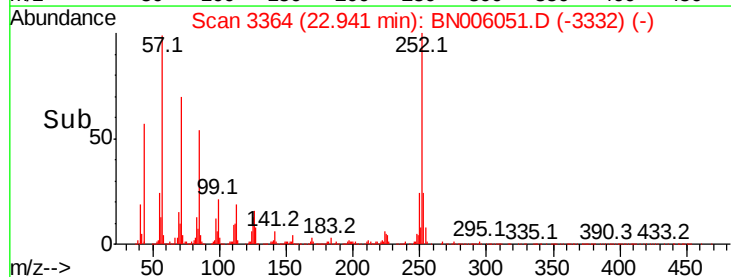
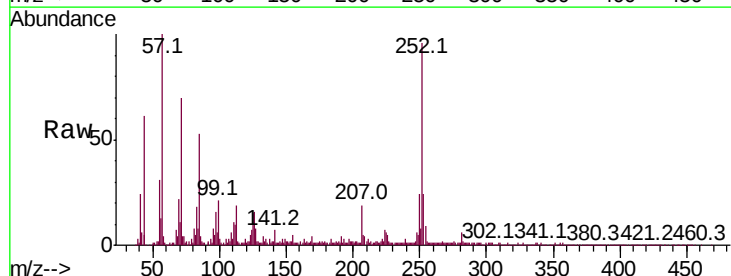
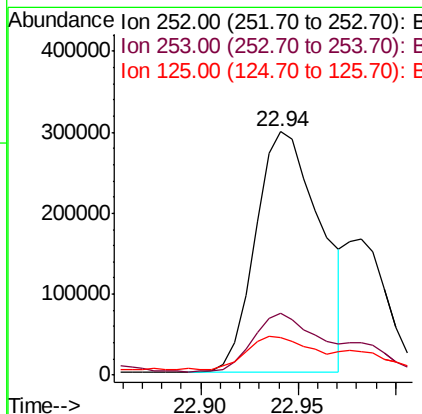
RT: 22.94 min Scan# 3364

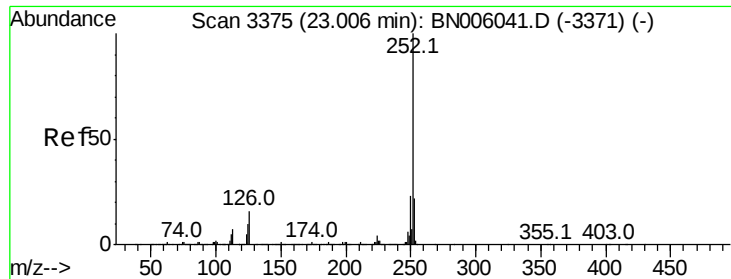
Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Tgt Ion:	252	Resp:	686847
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.3	25.9
125	15.5	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 3.247 ng/ul

RT: 22.98 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

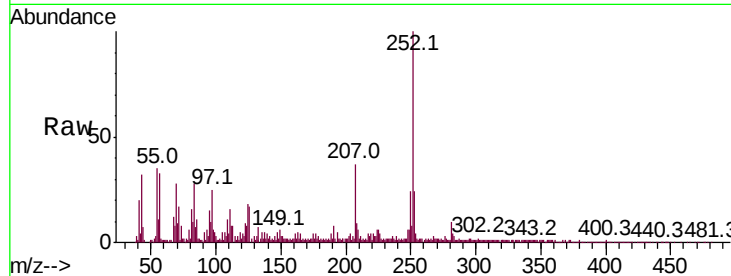
ClientSampleId :

A4288MSD

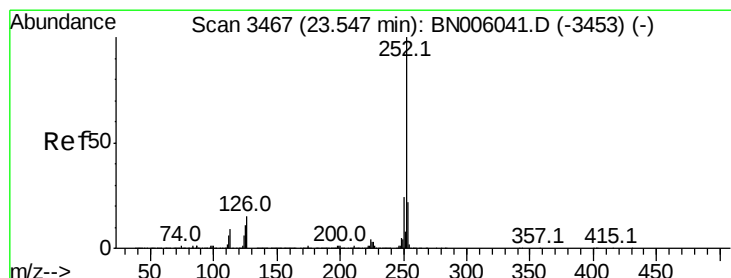
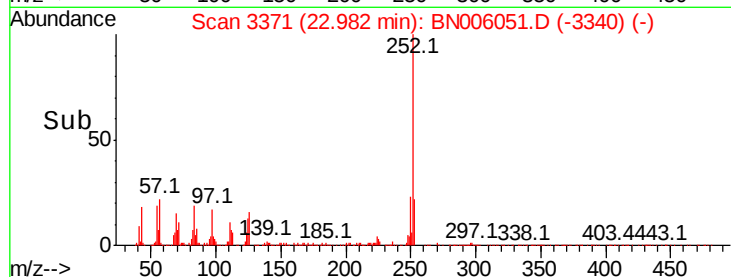
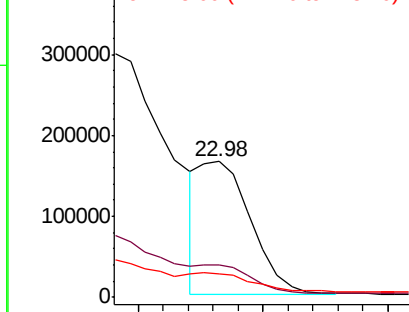
Tot Ion:	252	Resp:	238375
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	17.5	8.2	12.4#

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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



#90

Benzo(a)pyrene

Concen: 6.576 ng/ul

RT: 23.52 min Scan# 3463

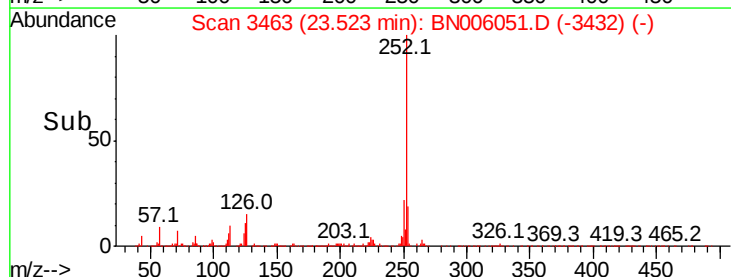
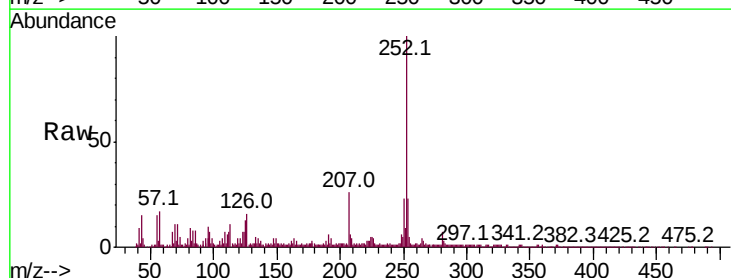
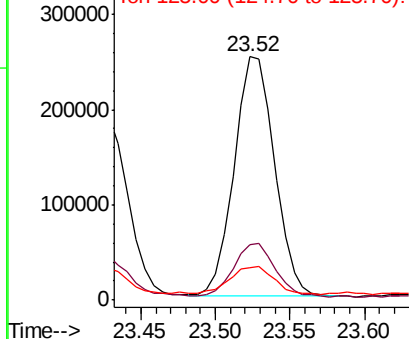
Delta R.T. -0.02 min

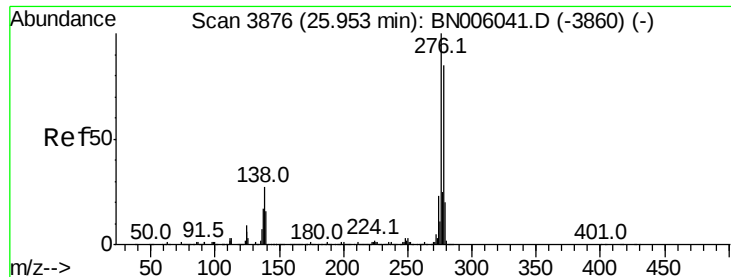
Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Tgt Ion:	252	Resp:	473636
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	13.4	9.2	13.8

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





#91

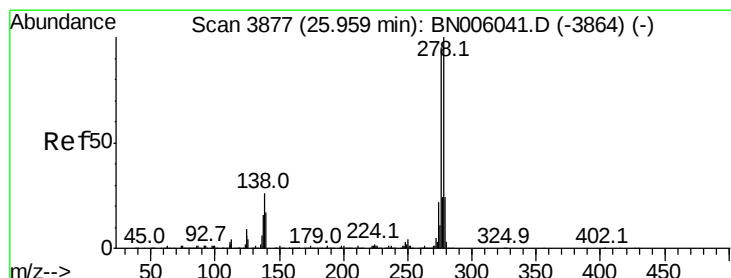
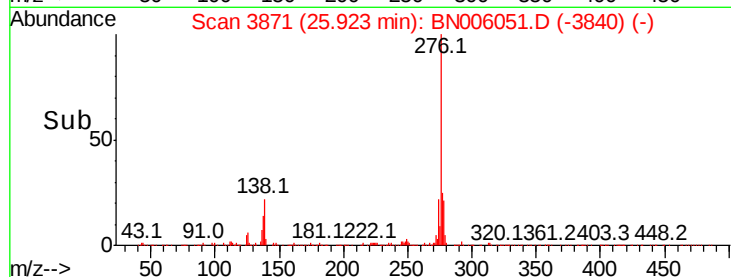
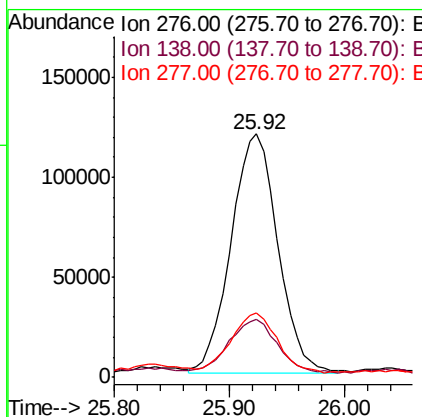
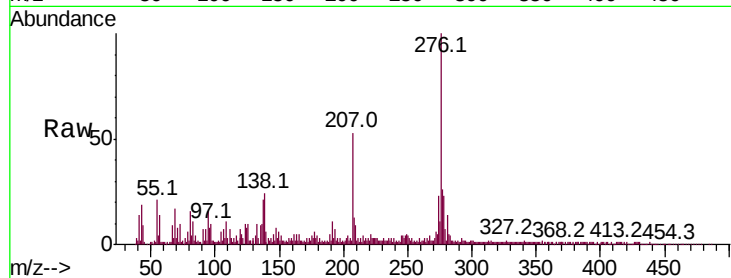
Indeno(1,2,3-cd)pyrene
Concen: 4.052 ng/uL
RT: 25.92 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :
A4288MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.4	32.2
277	26.3	20.2	30.2

Manual Integrations
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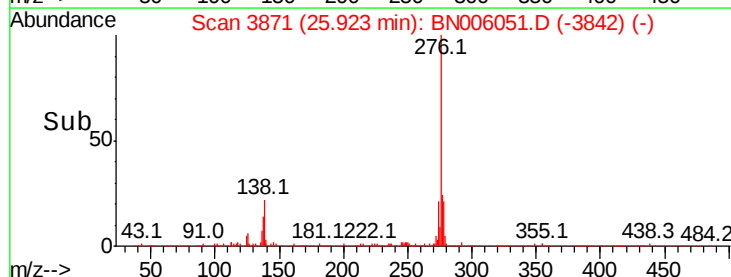
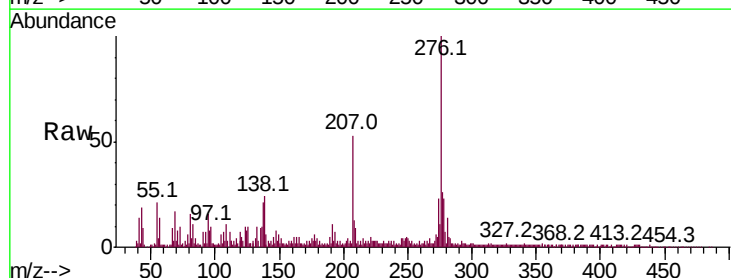
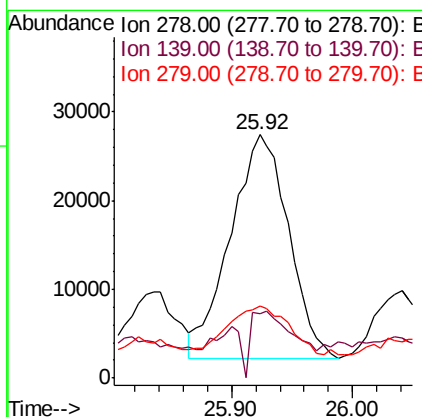
Sohil
6/4/2019 8:39:28 AM

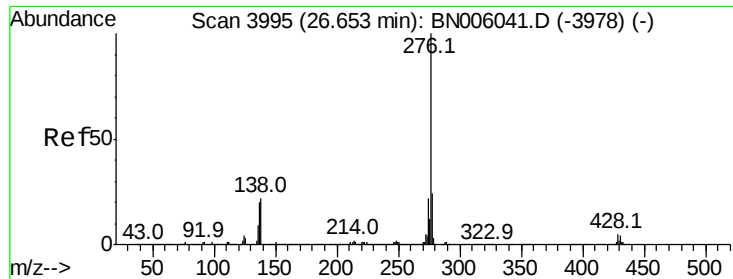


#92

Dibenzo(a,h)anthracene
Concen: 1.210 ng/uL
RT: 25.92 min Scan# 3871
Delta R.T. -0.03 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.3	14.2	21.2#
279	29.5	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 4.639 ng/ul

RT: 26.62 min Scan# 3990

Delta R.T. -0.02 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

A4288MSD

Tot Ion:	276	Resp:	316634
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.8	28.2
277	25.3	19.4	29.2

Manual Integrations
APPROVED

Sohil
6/4/2019 8:39:28 AM

