

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014373.D
 Acq On : 27 Feb 2018 01:11
 Operator : SJ/JU
 Sample : J1646-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE600

Manual Integrations
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Sohil
 2/27/2018 4:58:47 PM

Quant Time: Feb 27 06:46:37 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	169290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	759357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	404473	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	753313	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	514428	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	482614	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	14753	3.73	ng/uL	0.00
5) Phenol-d5	6.73	99	333017	23.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	232296	26.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	292377	26.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	270643	21.62	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	159445	28.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	162587	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	298208	24.79	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	315358	26.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	962102	28.80	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1235238	29.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	52173m	11.31	ng/ul	0.02
57) Fluorene-d10	15.19	176	755943	25.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	12676	2.81	ng/ul	0.02
70) Anthracene-d10	17.05	188	1030925	28.36	ng/ul	0.00
76) Pyrene-d10	19.35	212	871892	32.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	667803	28.43	ng/ul	0.02

Target Compounds

					Qvalue	
28) Naphthalene	10.35	128	79634	2.042	ng/ul#	93
44) Dimethylphthalate	13.65	163	209405	6.358	ng/ul	98
47) Acenaphthylene	13.90	152	68388	1.757	ng/ul	96
49) Acenaphthene	14.25	153	133656	4.876	ng/ul	95
53) Dibenzofuran	14.59	168	131322	3.195	ng/ul	95
58) Fluorene	15.25	166	184681	5.205	ng/ul	98
69) Phenanthrene	16.99	178	3081645	71.001	ng/ul	99
71) Anthracene	17.08	178	587901	13.469	ng/ul	98
72) Carbazole	17.36	167	253867	6.917	ng/ul	98
73) Di-n-butylphthalate	17.92	149	211992	4.477	ng/ul	98
74) Fluoranthene	19.02	202	3619857	69.807	ng/ul#	93
77) Pyrene	19.39	202	2886177	84.422	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	1285573	40.042	ng/ul	98
82) Chrysene	21.19	228	1147176	38.303	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1341641	41.518	ng/ul#	99
86) Benzo(k)fluoranthene	22.73	252	430960	14.027	ng/ul#	98
88) Benzo(a)pyrene	23.24	252	962330	33.325	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	604664	21.579	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	171820	7.379	ng/ul#	88
91) Benzo(g,h,i)perylene	26.16	276	487870	21.492	ng/ul#	92

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

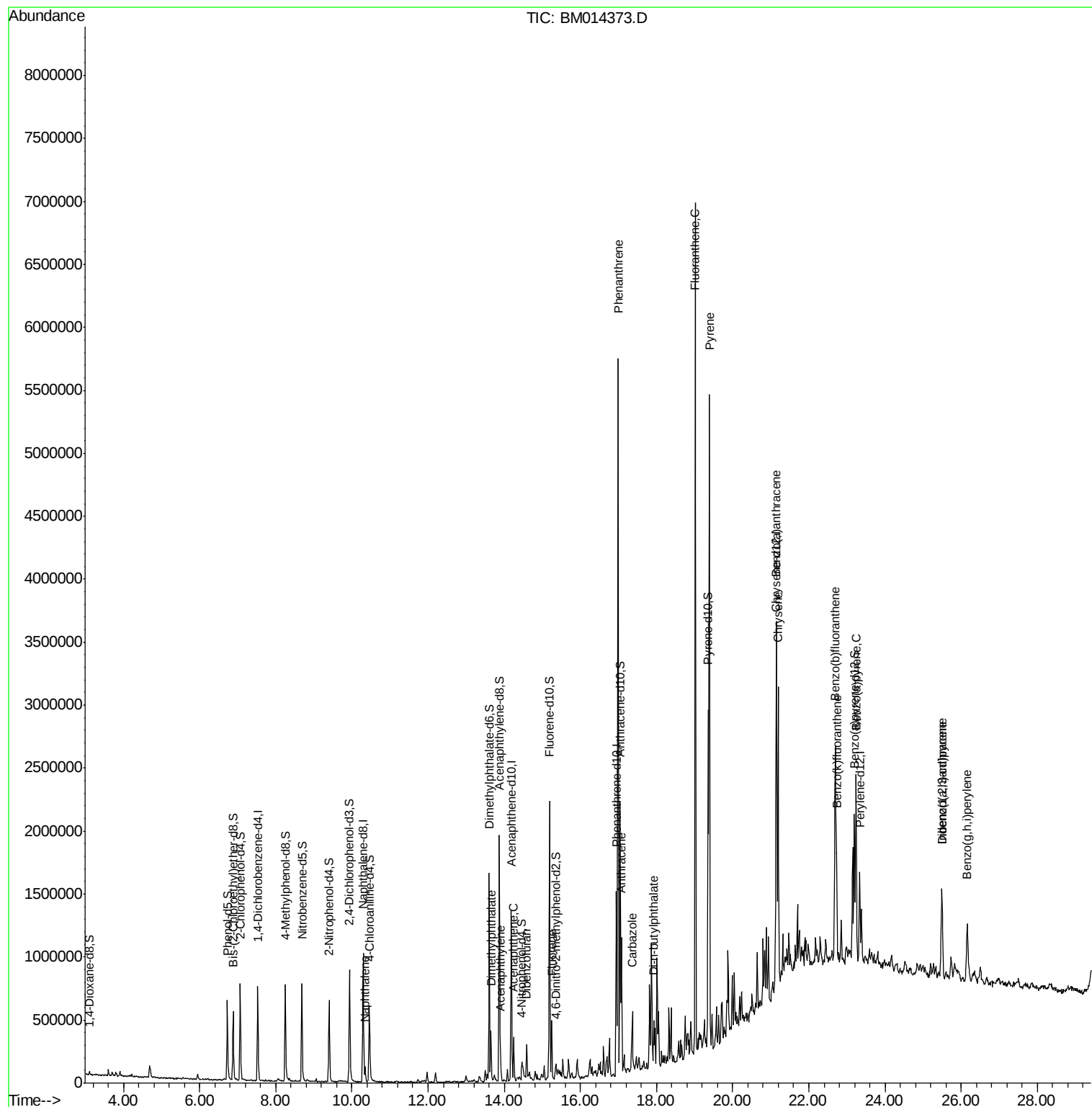
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014373.D
Acq On : 27 Feb 2018 01:11
Operator : SJ/JU
Sample : J1646-22
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ALS Vial : 24 Sample Multiplier: 1

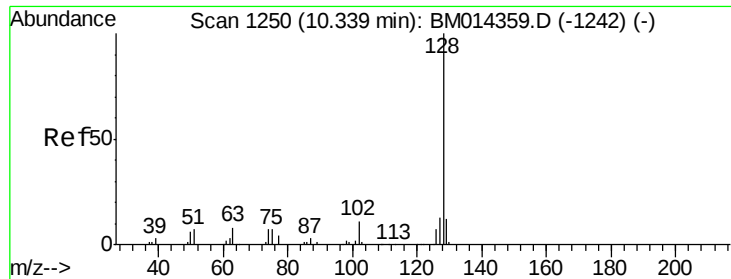
Instrument :
BNA_M
ClientSampled :
BE600

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Quant Time: Feb 27 06:46:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration





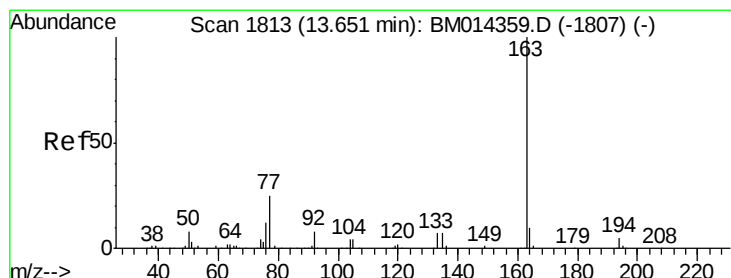
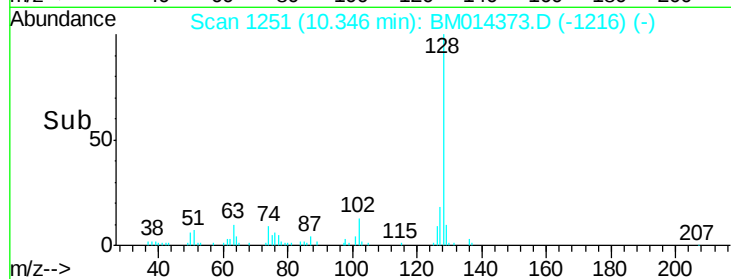
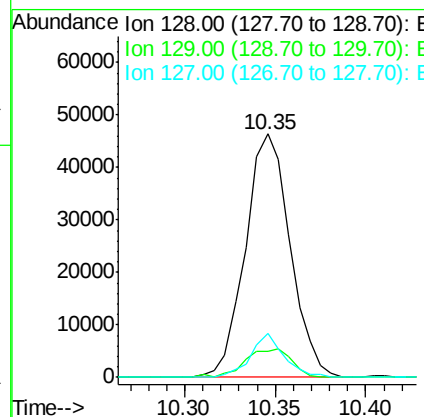
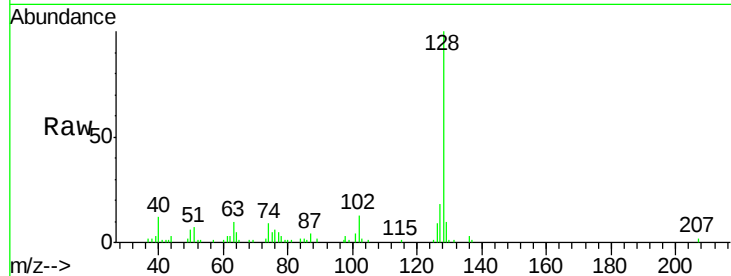
#28
Naphthalene
Concen: 2.042 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	79634		
129	10.4		8.8	13.2
127	18.1		10.6	16.0#

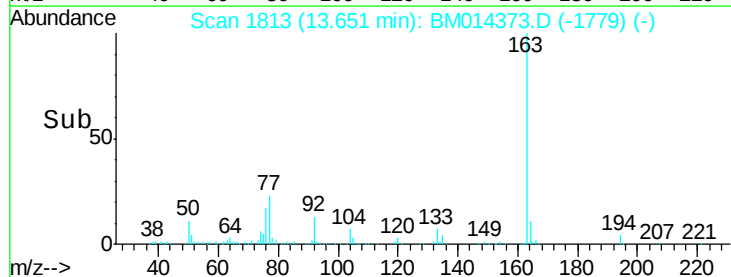
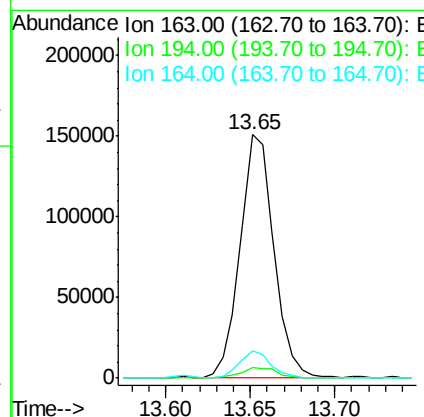
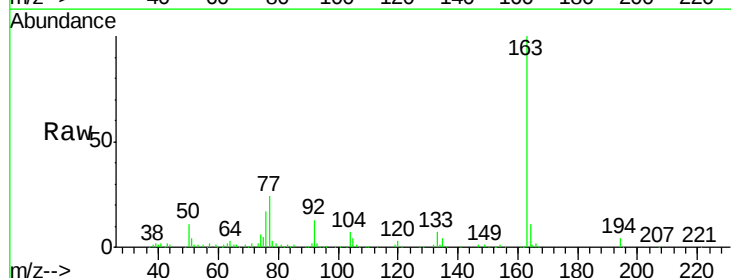
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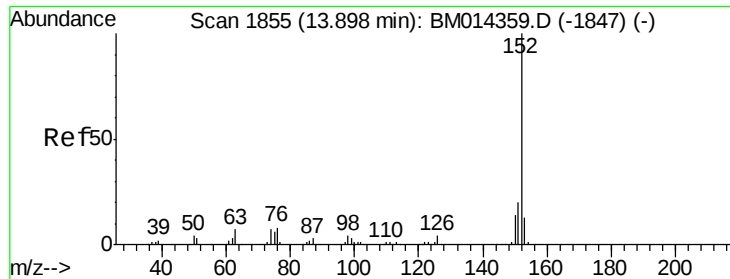
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#44
Dimethylphthalate
Concen: 6.358 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	209405		
194	4.3		3.5	5.3
164	11.2		8.2	12.4





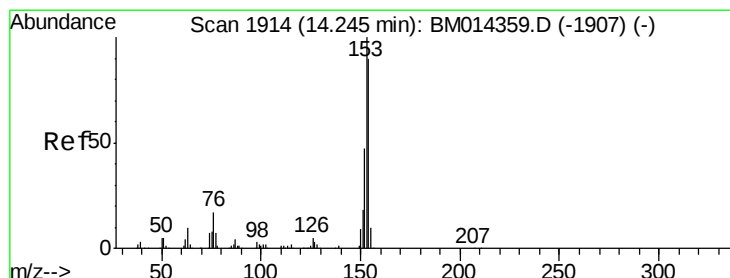
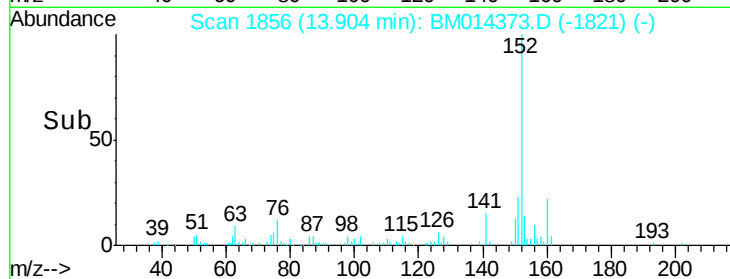
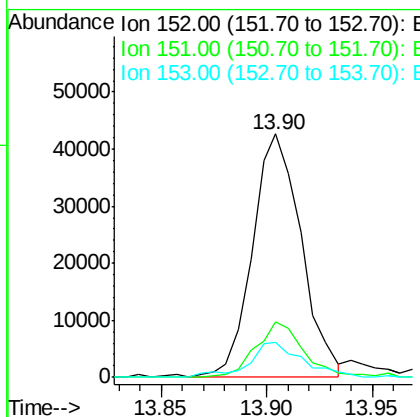
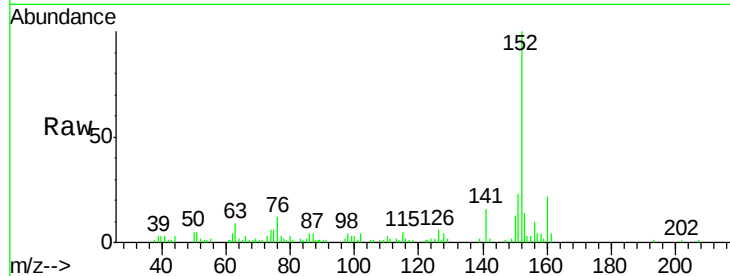
#47
Acenaphthylene
Concen: 1.757 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampled :
BE600

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	68388		
151	22.6		16.3	24.5
153	14.4		10.2	15.4

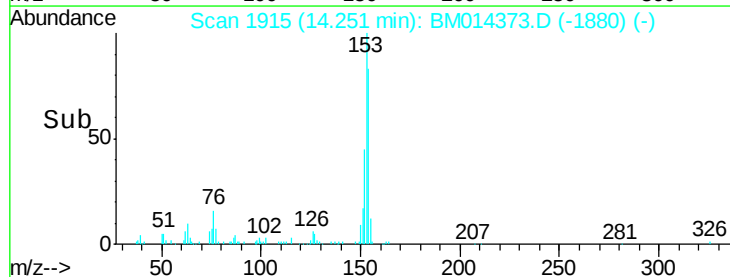
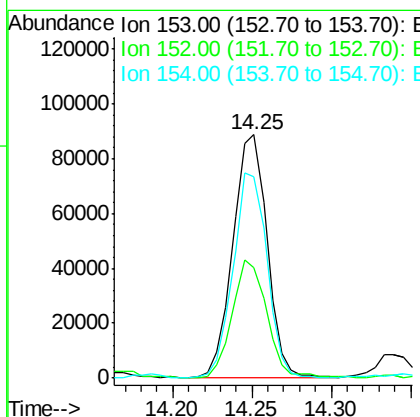
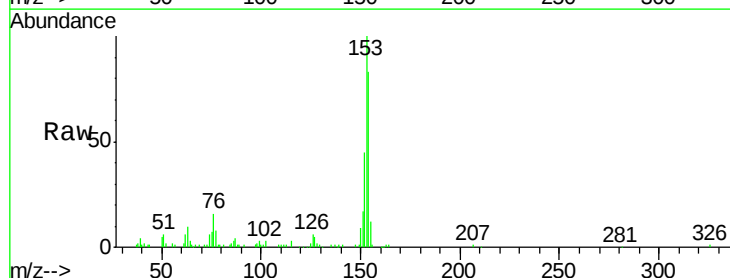
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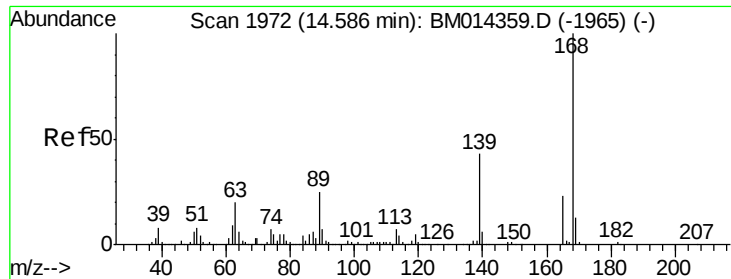
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#49
Acenaphthene
Concen: 4.876 ng/ul
RT: 14.25 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	133656		
152	45.2		37.6	56.4
154	82.8		70.4	105.6





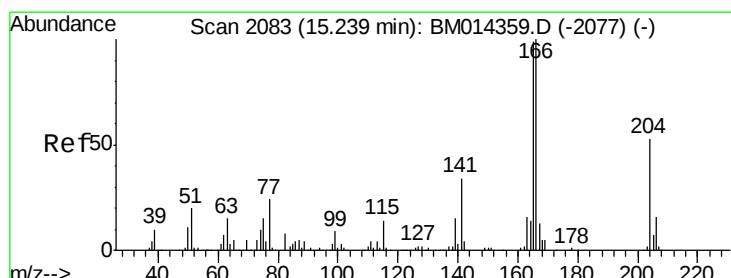
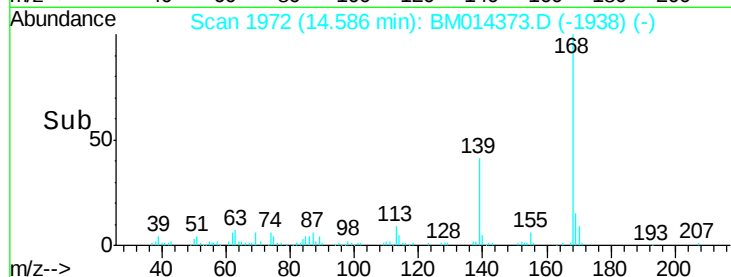
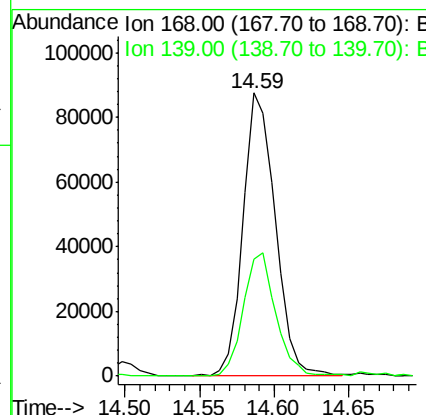
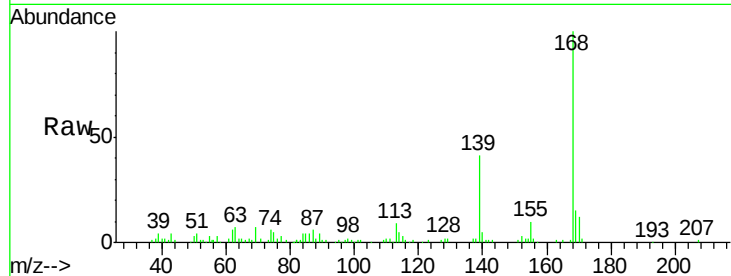
#53
Dibenzenofuran
Concen: 3.195 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampled :
BE600

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.8	46.2

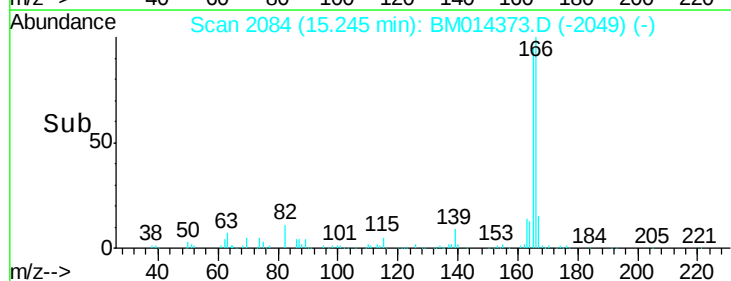
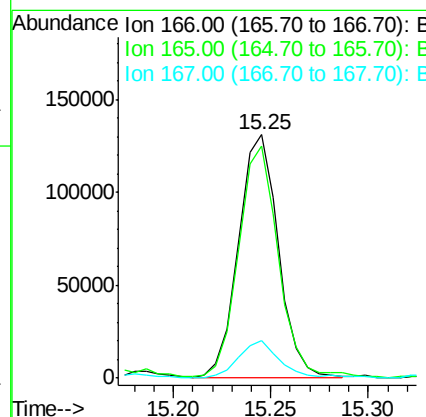
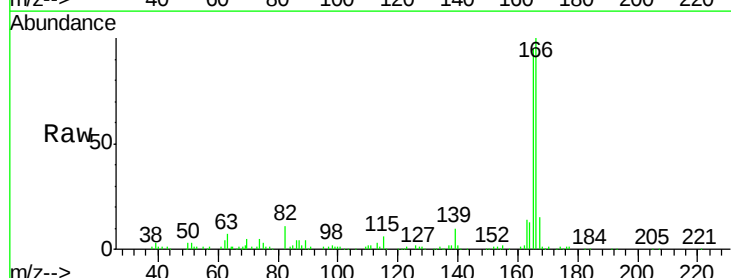
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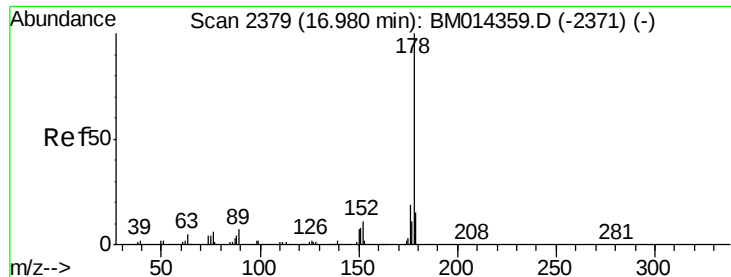
Sohil
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#58
Fluorene
Concen: 5.205 ng/ul
RT: 15.25 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.9	116.9
167	15.4	10.6	16.0





#69

Phenanthrene

Concen: 71.001 ng/ul

RT: 16.99 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BM014373.D

Acq: 27 Feb 2018 01:11

Instrument :

BNA_M

ClientSampleId :

BE600

Tgt Ion:178 Resp: 3081645

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

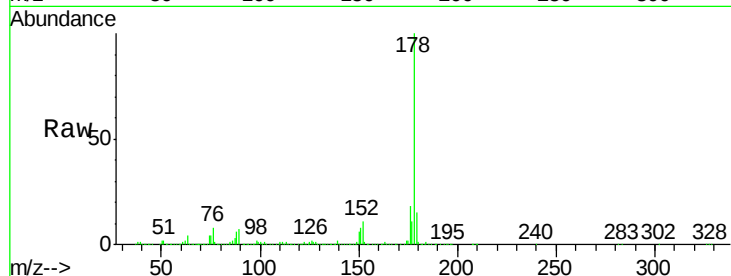
176 18.0 14.9 22.3

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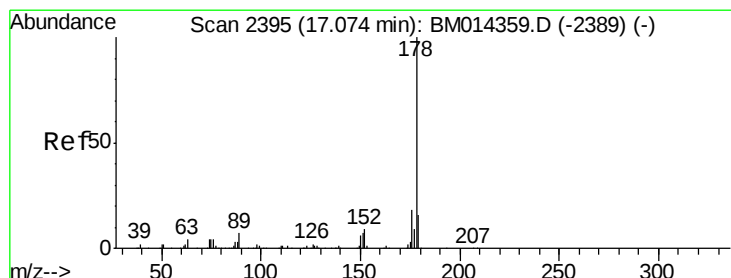
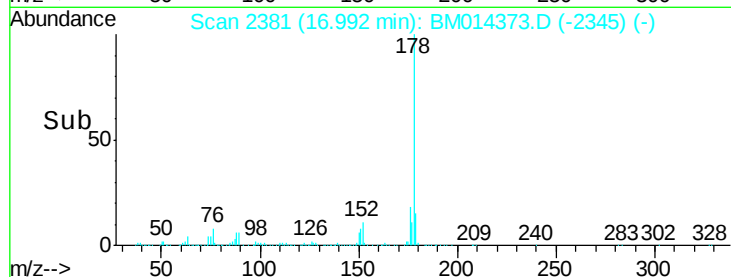
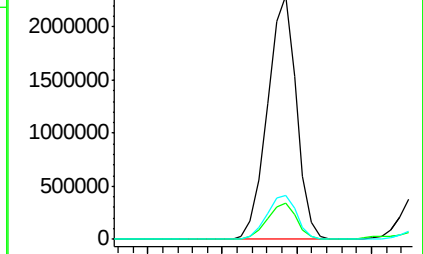
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 13.469 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM014373.D

Acq: 27 Feb 2018 01:11

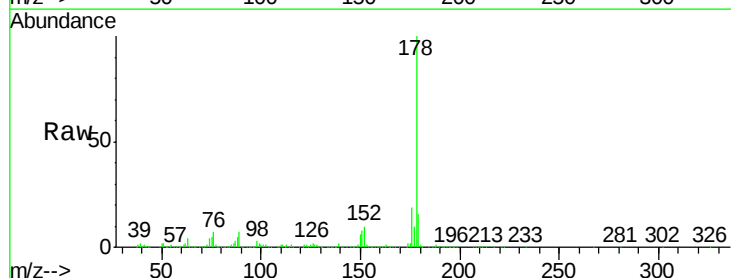
Tgt Ion:178 Resp: 587901

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

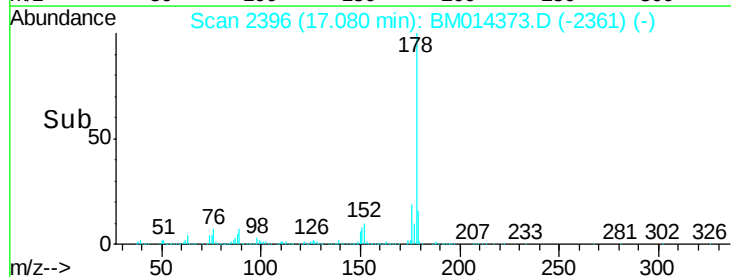
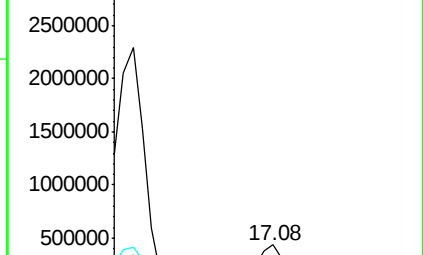
176 18.5 14.6 21.8

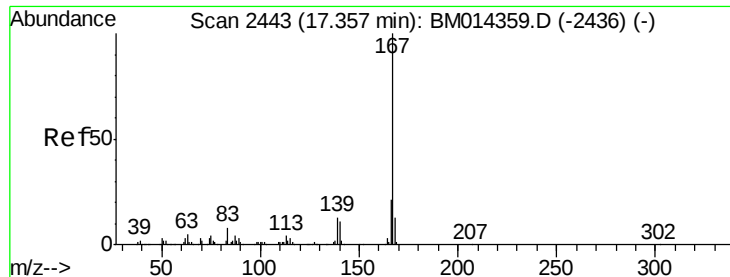


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 6.917 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BM014373.D

Acq: 27 Feb 2018 01:11

Instrument :

BNA_M

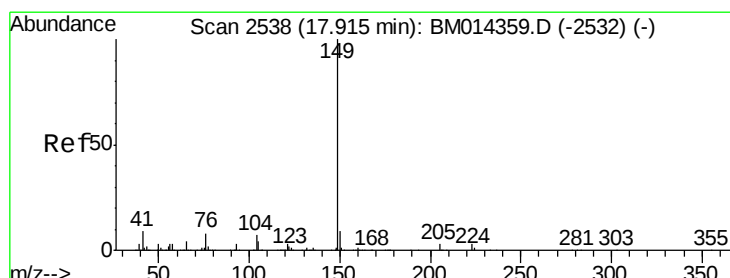
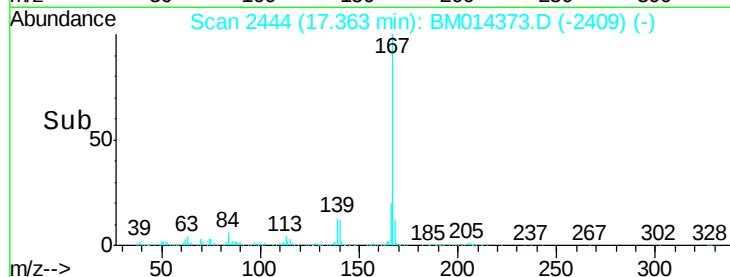
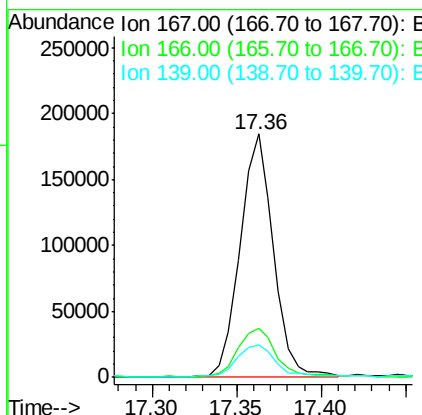
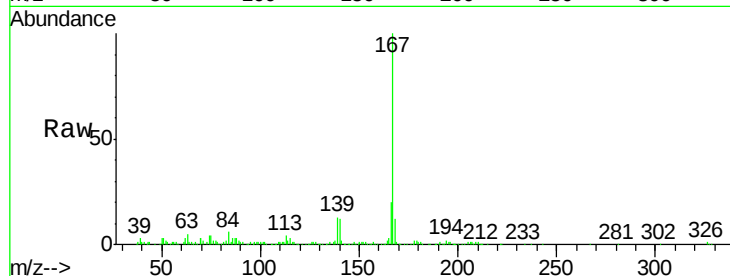
ClientSampled :

BE600

Tgt Ion:	167	Resp:	253867
Ion Ratio	Lower	Upper	
167	100		
166	20.2	17.1	25.7
139	13.4	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 4.477 ng/ul

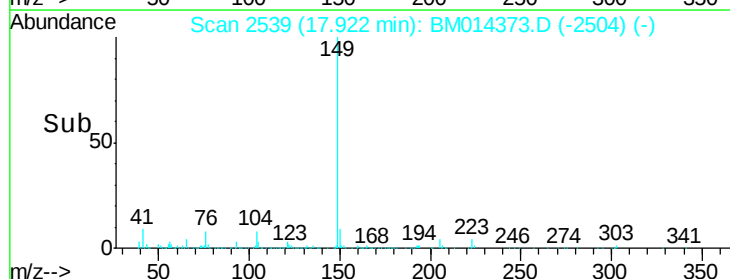
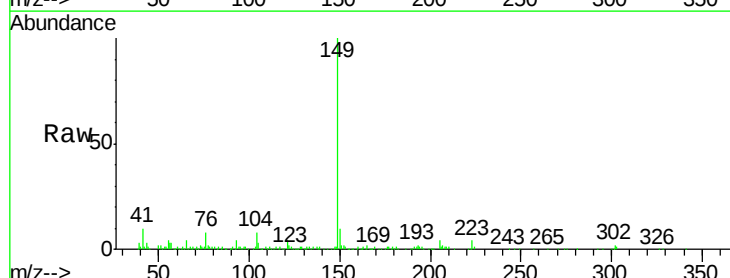
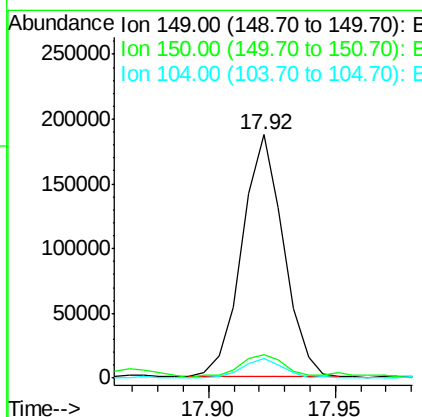
RT: 17.92 min Scan# 2539

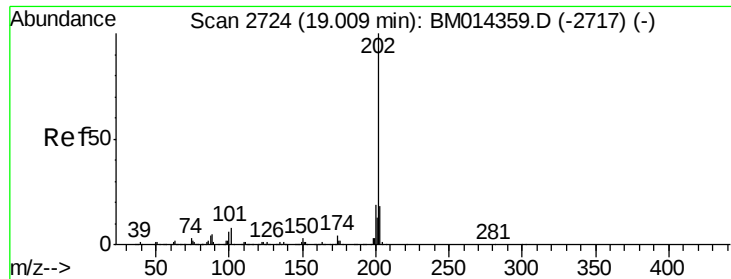
Delta R.T. 0.01 min

Lab File: BM014373.D

Acq: 27 Feb 2018 01:11

Tgt Ion:	149	Resp:	211992
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	8.0	5.6	8.4





#74

Fluoranthene

Concen: 69.807 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM014373.D

Acq: 27 Feb 2018 01:11

Instrument :

BNA_M

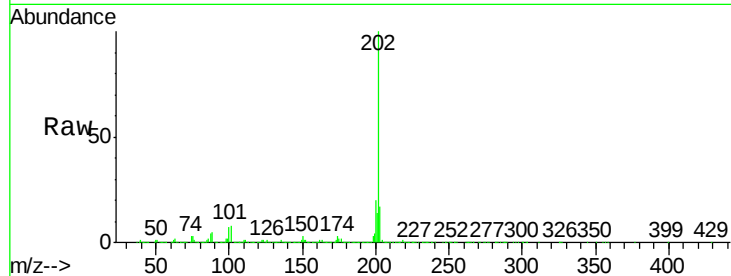
ClientSampleId :

BE600

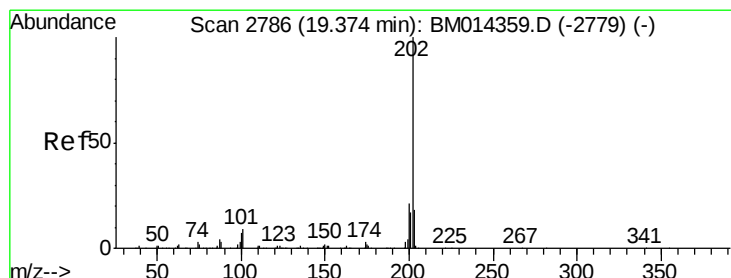
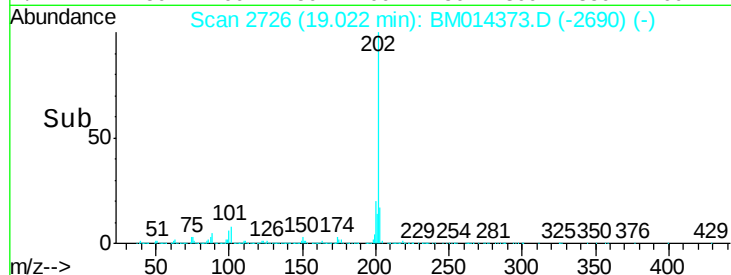
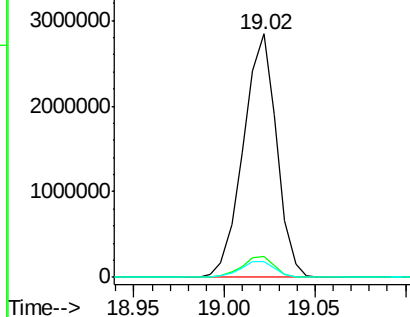
Tgt	Ion	202	Resp	3619857
Ion	Ratio	Lower	Upper	
202	100			
101	8.4	4.6	7.0#	
100	6.5	3.4	5.2#	

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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: 84.422 ng/ul

RT: 19.39 min Scan# 2788

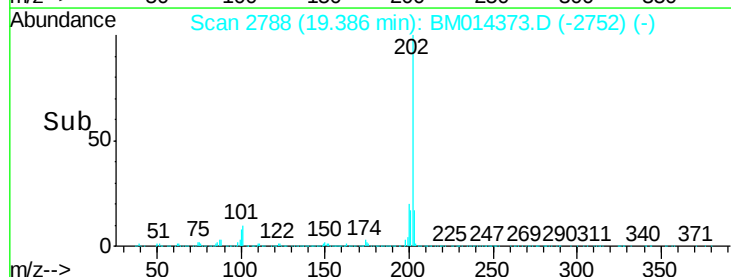
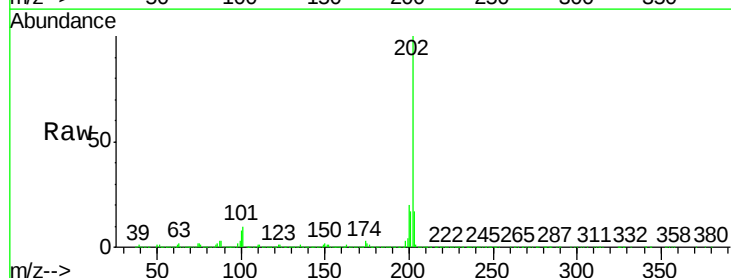
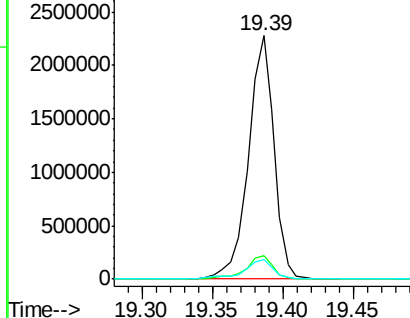
Delta R.T. 0.01 min

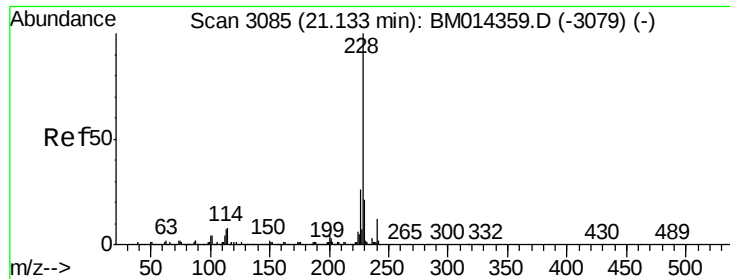
Lab File: BM014373.D

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Tgt	Ion	202	Resp	2886177
Ion	Ratio	Lower	Upper	
202	100			
101	9.6	5.1	7.7#	
100	7.8	4.9	7.3#	

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





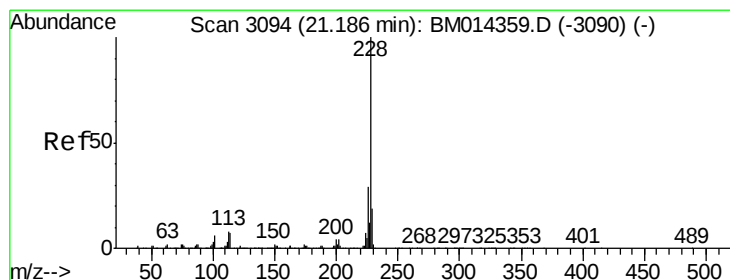
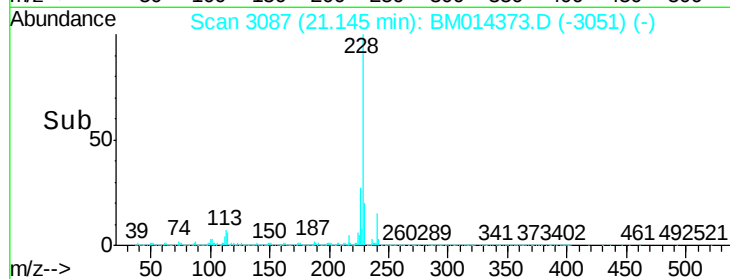
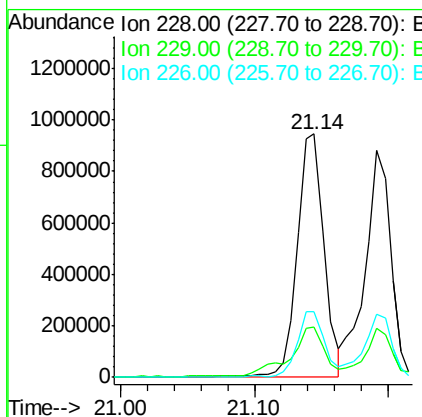
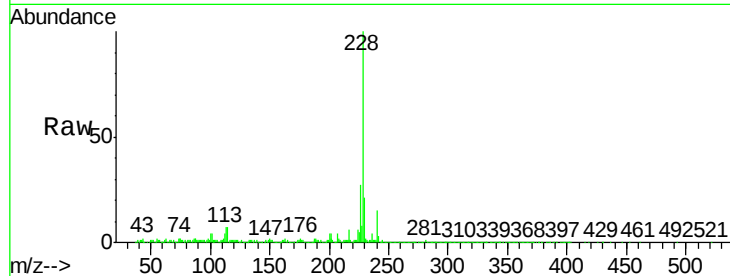
#80
Benzo(a)anthracene
Concen: 40.042 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	27.1	21.4	32.0

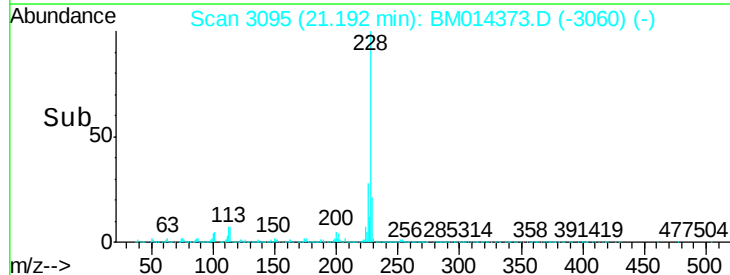
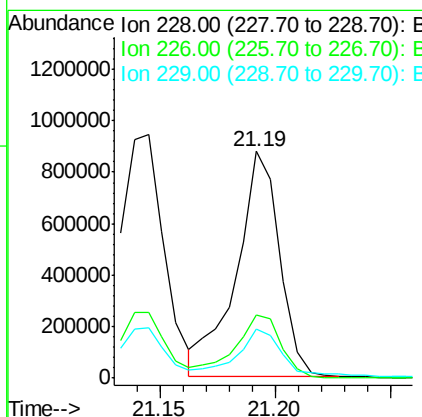
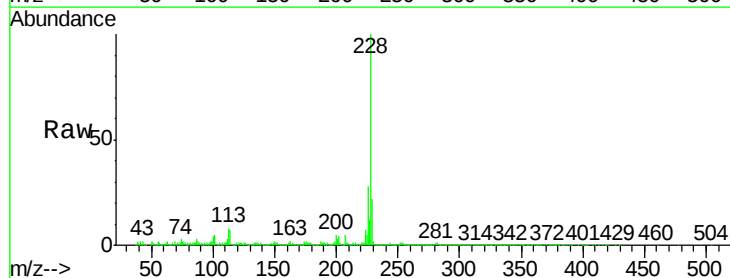
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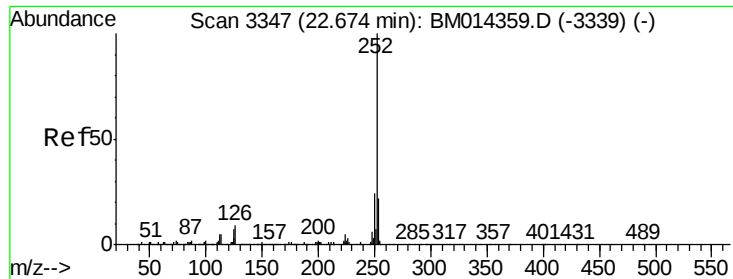
Sohil
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#82
Chrysene
Concen: 38.303 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	21.7	15.5	23.3





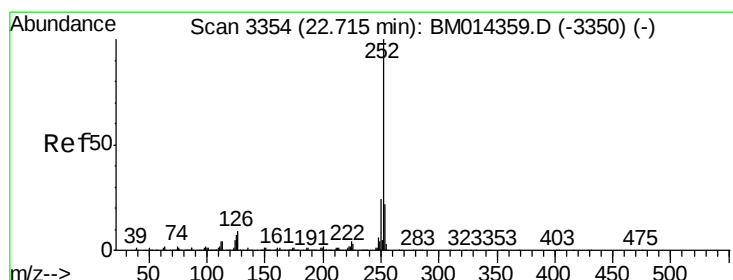
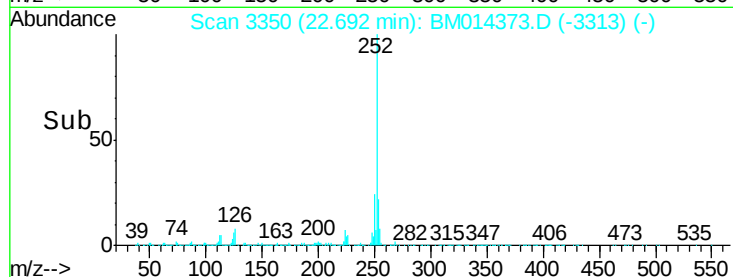
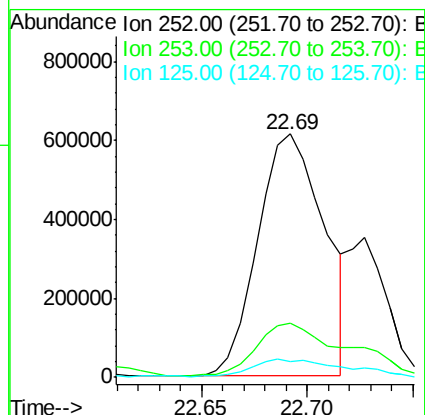
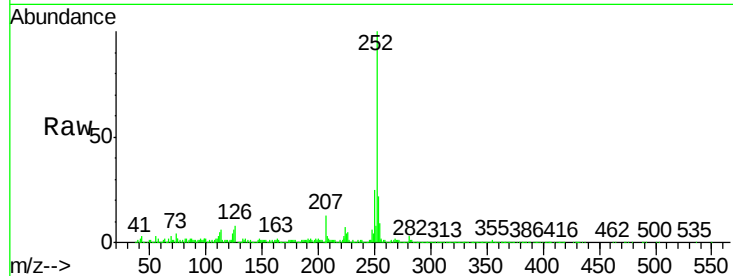
#85
Benzo(b)fluoranthene
Concen: 41.518 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. 0.02 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	6.5	3.6	5.4

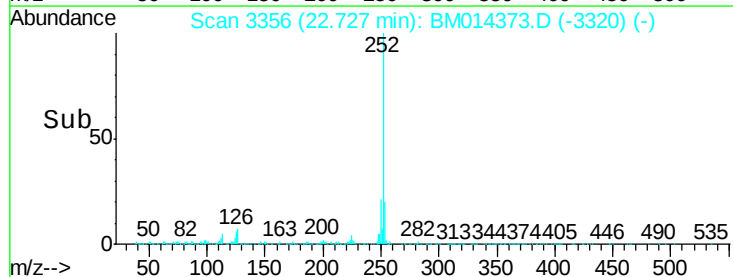
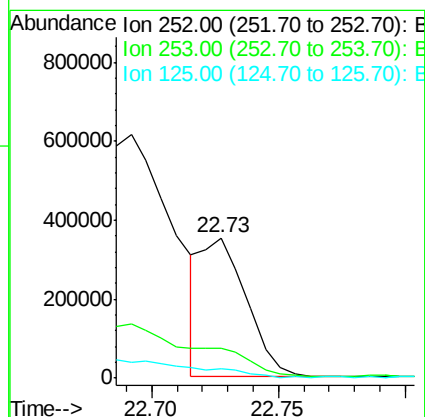
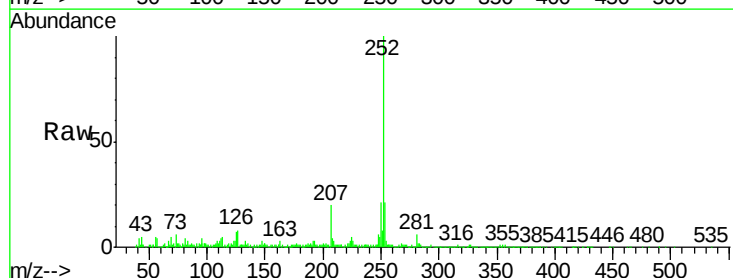
Manual Integrations
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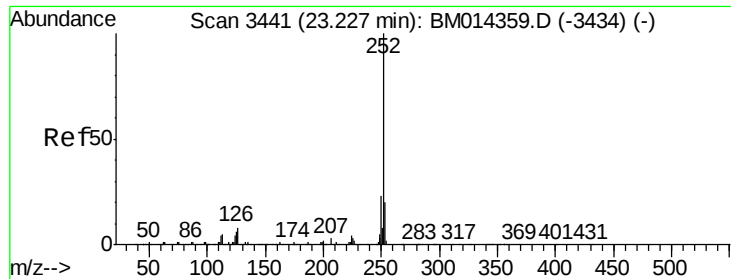
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#86
Benzo(k)fluoranthene
Concen: 14.027 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	6.9	3.4	5.2





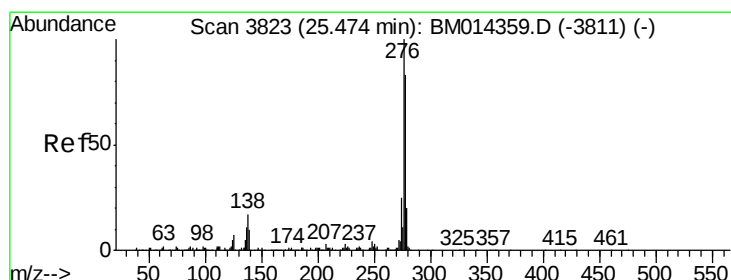
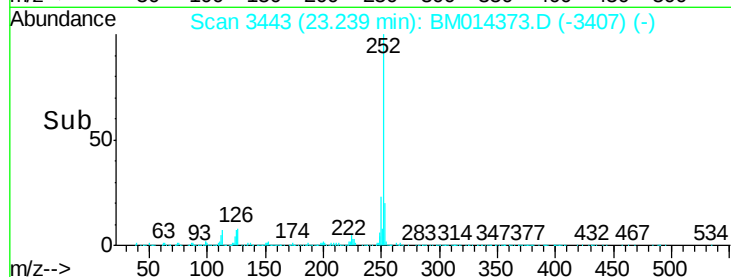
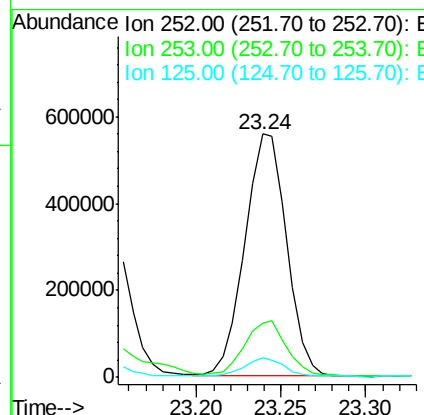
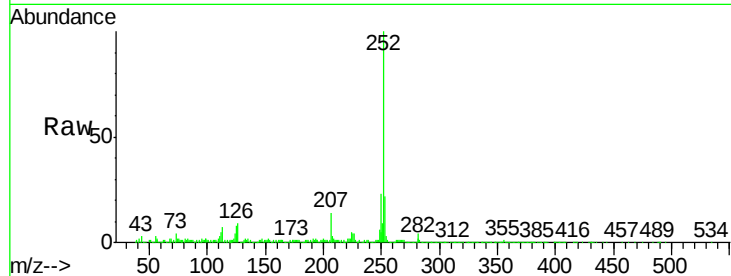
#88
Benzo(a)pyrene
Concen: 33.325 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.9	4.0	6.0

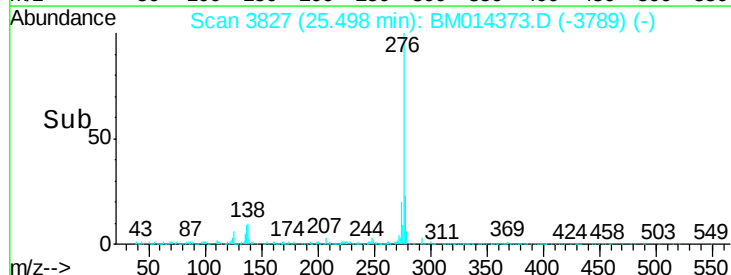
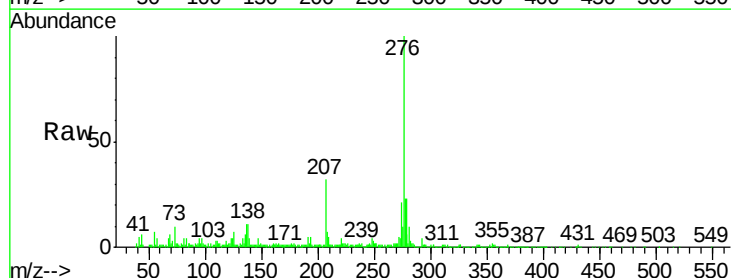
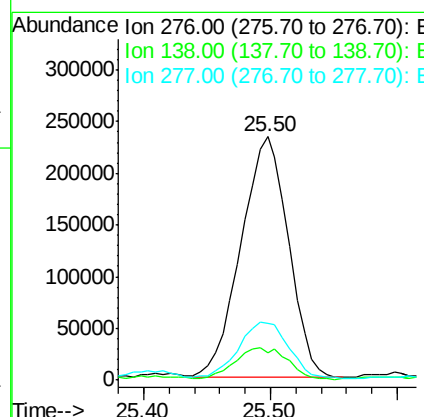
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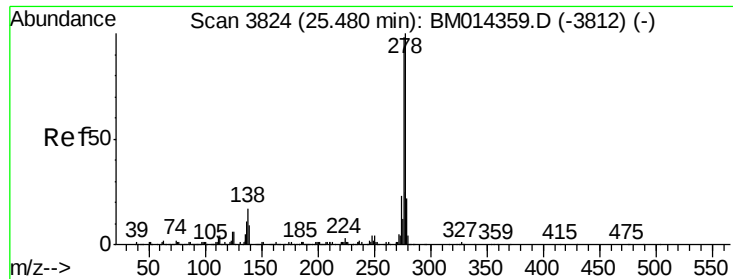
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#89
Indeno(1,2,3-cd)pyrene
Concen: 21.579 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.1	9.3	13.9
277	23.2	19.9	29.9





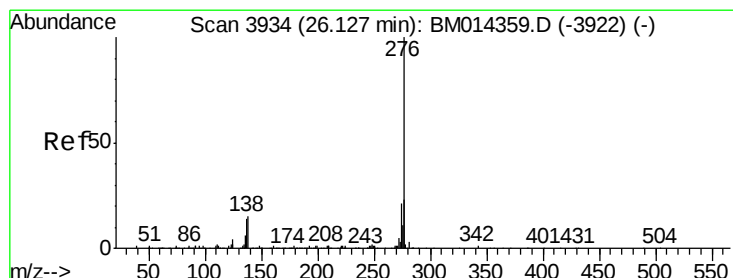
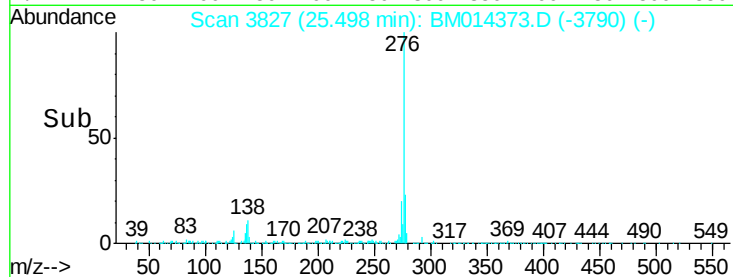
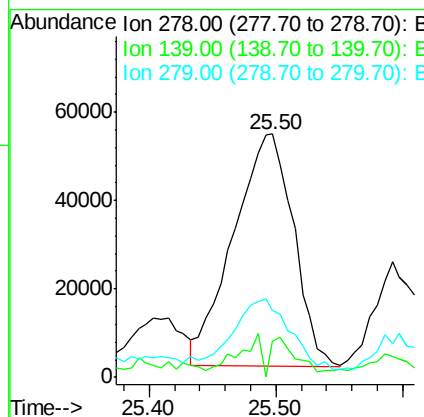
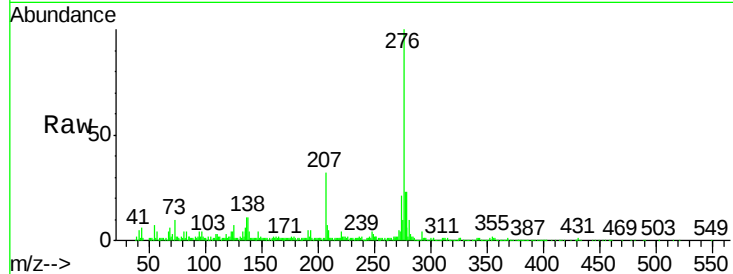
#90
Dibenzo(a,h)anthracene
Concen: 7.379 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	5.8	8.8#
279	27.6	18.6	27.8

Manual Integrations
APPROVED

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2/27/2018 4:58:47 PM



#91
Benzo(g,h,i)perylene
Concen: 21.492 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.04 min
Lab File: BM014373.D
Acq: 27 Feb 2018 01:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	8.5	12.7#
277	26.9	18.6	28.0

