

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012593.D
 Acq On : 31 Oct 2017 03:00
 Operator : SJ/JU
 Sample : I5886-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNF3

Manual Integrations
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Sohil
 10/31/2017 7:47:32 PM

Quant Time: Oct 31 05:22:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	336204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1254043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	700663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1597719	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1888414	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2135318	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	37394	5.68	ng/uL	0.00
5) Phenol-d5	7.02	99	600247	21.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	395954	23.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	512280	24.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	454960	18.95	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	246356	31.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	277030	34.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	503181	23.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	434603	19.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1466565	23.96	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1843313	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	148569	16.33	ng/ul	0.00
57) Fluorene-d10	15.47	176	1290592	24.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	157668	20.39	ng/ul	0.00
70) Anthracene-d10	17.32	188	1908933	25.07	ng/ul	0.00
76) Pyrene-d10	19.62	212	2179819	25.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2469918	24.35	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.05	94	91753	3.138	ng/ul#	81
49) Acenaphthene	14.55	153	111746	2.361	ng/ul	99
53) Dibenzofuran	14.89	168	102509	1.464	ng/ul	98
58) Fluorene	15.53	166	103441	1.746	ng/ul	99
69) Phenanthrene	17.27	178	1828477	21.162	ng/ul	99
71) Anthracene	17.36	178	372063	4.166	ng/ul	99
72) Carbazole	17.63	167	188062	2.542	ng/ul	100
74) Fluoranthene	19.28	202	2849170	29.102	ng/ul#	91
77) Pyrene	19.64	202	2449633	22.811	ng/ul#	92
78) Butylbenzylphthalate	20.54	149	71321	1.686	ng/ul	89
80) Benzo(a)anthracene	21.39	228	1553991	13.742	ng/ul	97
82) Chrysene	21.43	228	1638944	16.301	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	2600566	19.702	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	918596m	7.394	ng/ul	
88) Benzo(a)pyrene	23.60	252	1803668	14.332	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	1424107	9.615	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.03	278	385502	3.070	ng/ul#	88
91) Benzo(g,h,i)perylene	26.74	276	1151561	9.593	ng/ul#	96

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

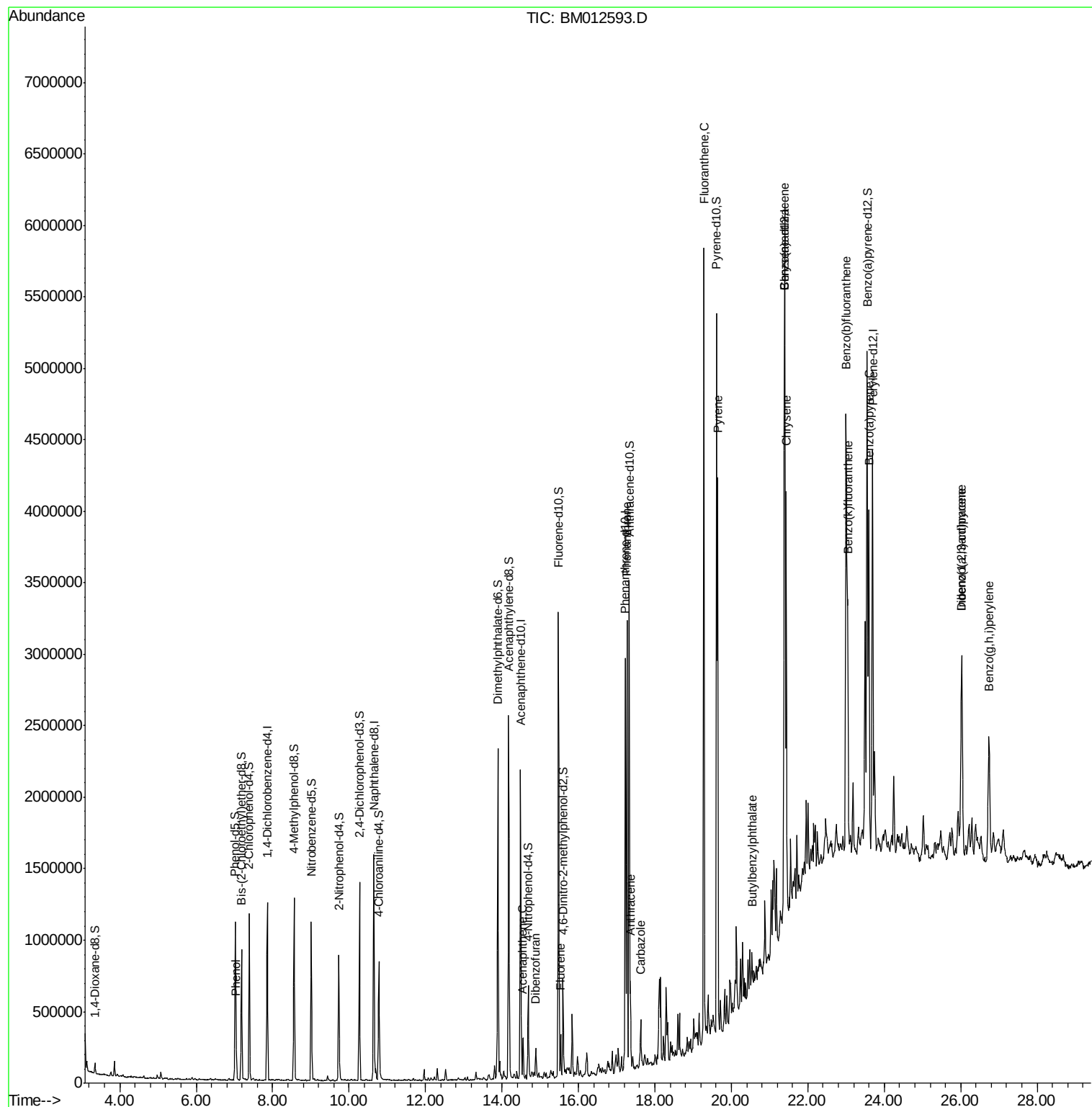
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012593.D
Acq On : 31 Oct 2017 03:00
Operator : SJ/JU
Sample : I5886-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

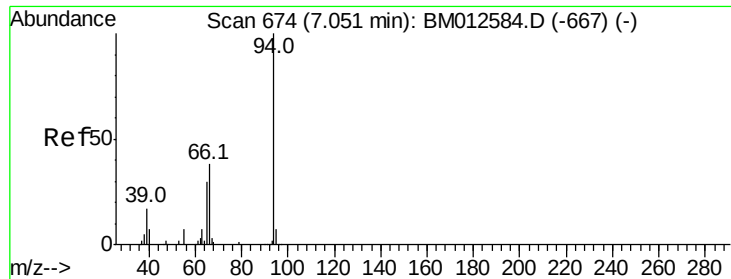
Instrument :
BNA_M
ClientSampleId :
ESNF3

Manual Integrations
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Quant Time: Oct 31 05:22:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.138 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012593.D

Acq: 31 Oct 2017 03:00

Instrument :

BNA_M

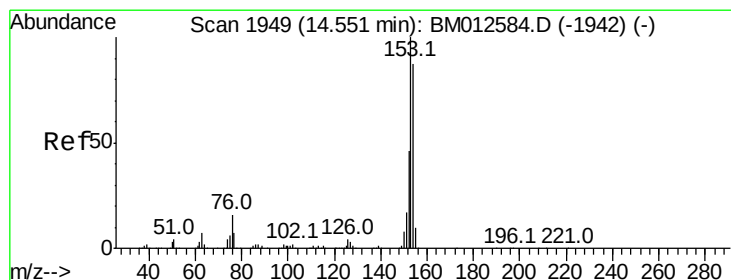
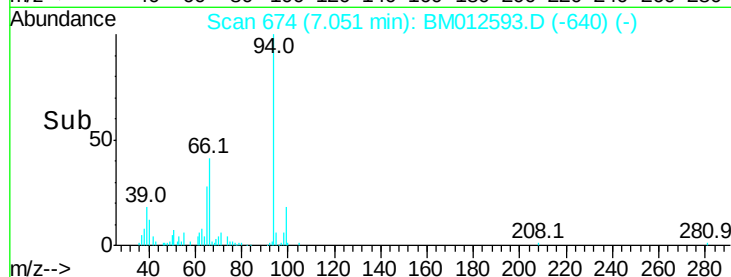
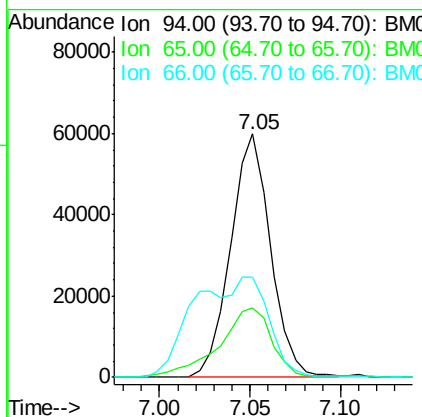
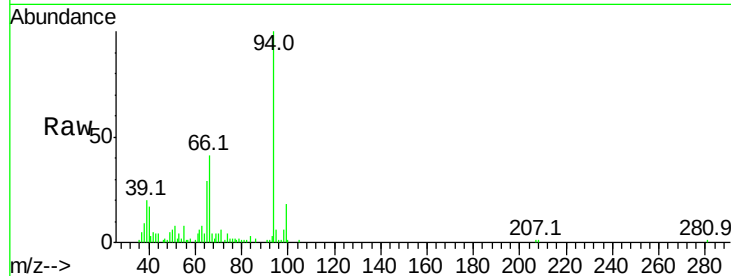
ClientSampleId :

ESNF3

Tot Ion:	94	Resp:	91753
Ion Ratio	Lower	Upper	
94	100		
65	28.6	28.2	42.4
66	41.1	47.2	70.8#

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#49

Acenaphthene

Concen: 2.361 ng/ul

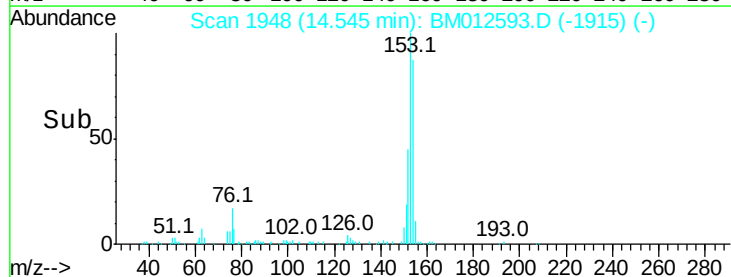
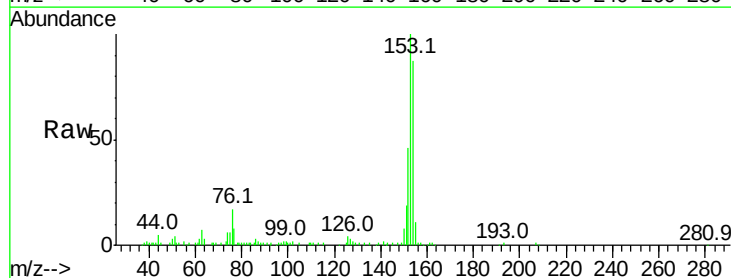
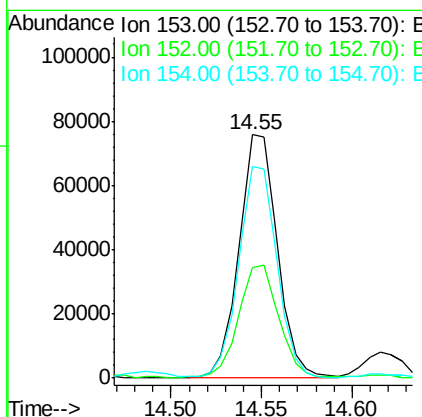
RT: 14.55 min Scan# 1948

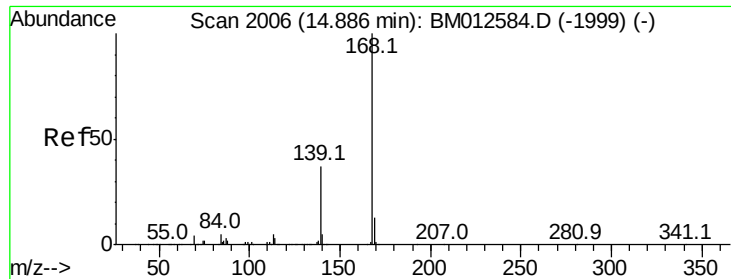
Delta R.T. -0.01 min

Lab File: BM012593.D

Acq: 31 Oct 2017 03:00

Tgt Ion:	153	Resp:	111746
Ion Ratio	Lower	Upper	
153	100		
152	45.5	37.6	56.4
154	87.1	70.4	105.6





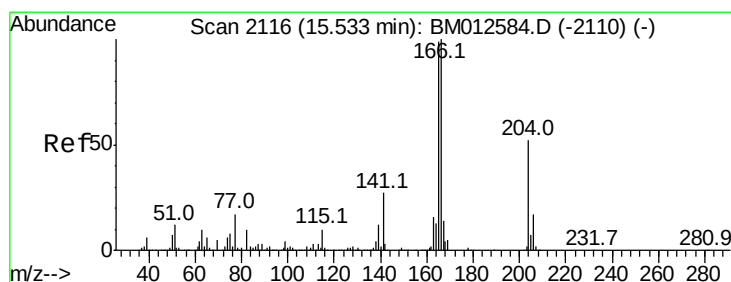
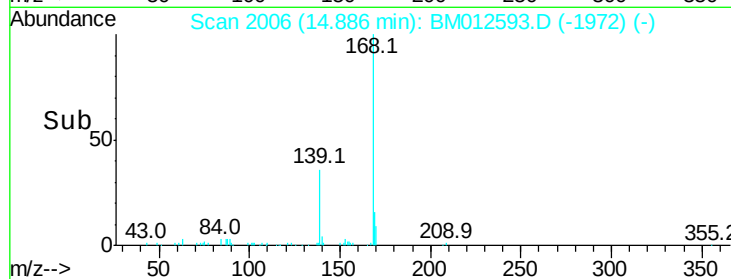
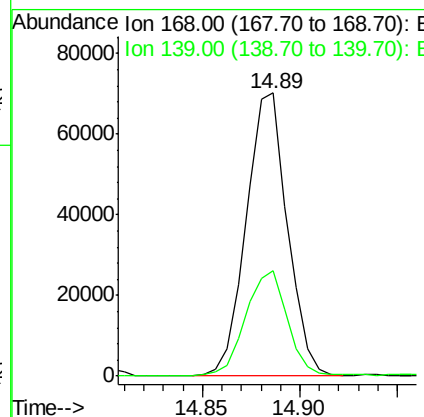
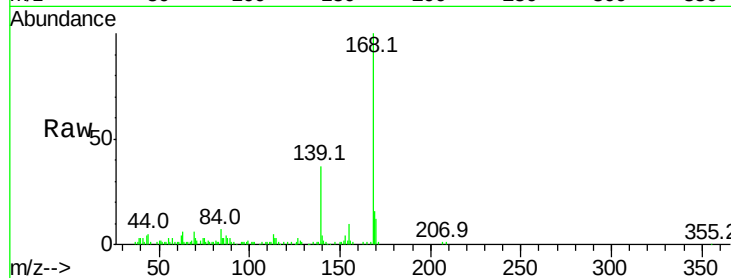
#53
Dibenzenofuran
Concen: 1.464 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Instrument :
BNA_M
ClientSampleId :
ESNF3

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.8	46.2

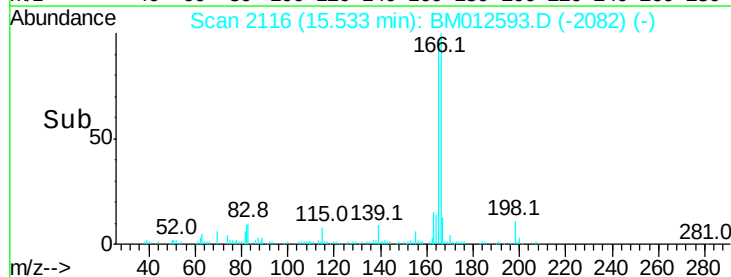
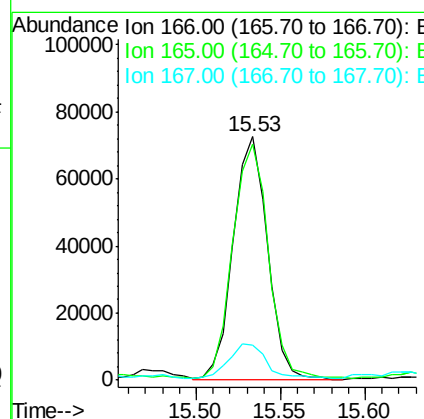
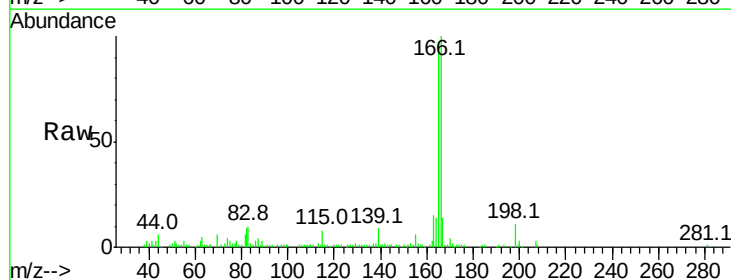
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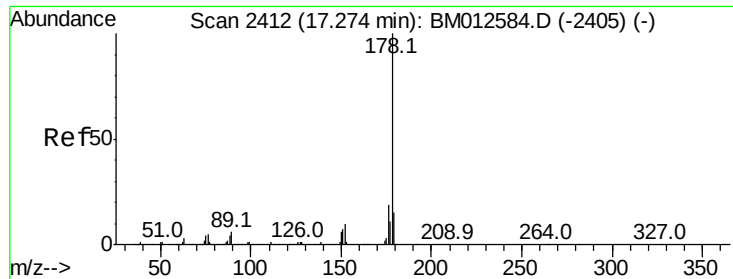
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#58
Fluorene
Concen: 1.746 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.9	116.9
167	14.2	10.6	16.0





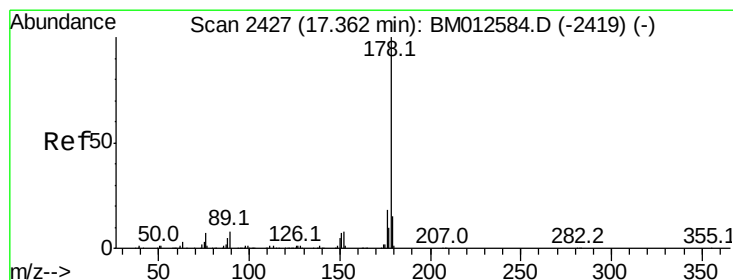
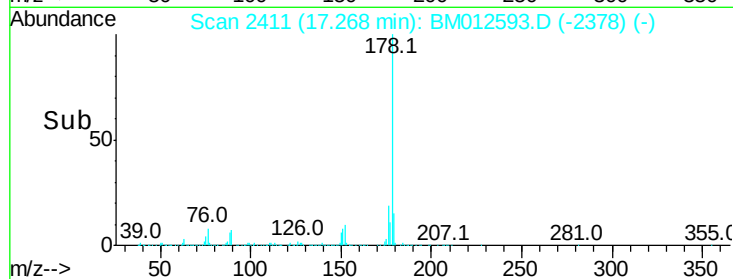
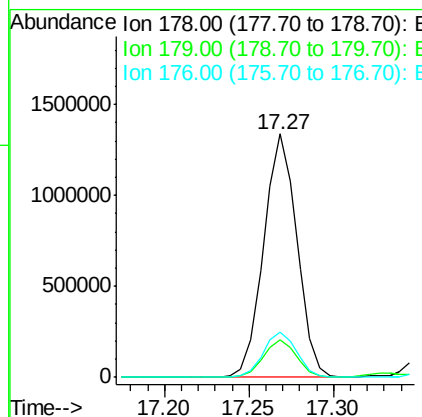
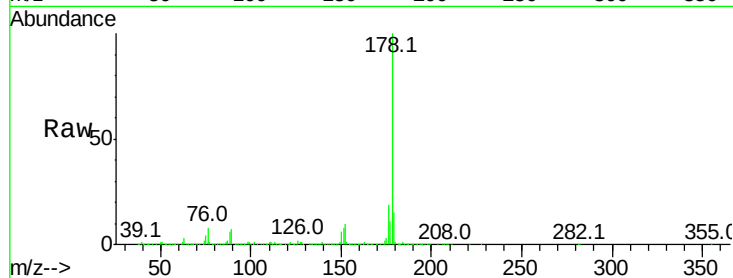
#69
 Phenanthrene
 Concen: 21.162 ng/ul
 RT: 17.27 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM012593.D
 Acq: 31 Oct 2017 03:00

Instrument :
 BNA_M
 ClientSampleId :
 ESNF3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.8	14.9	22.3

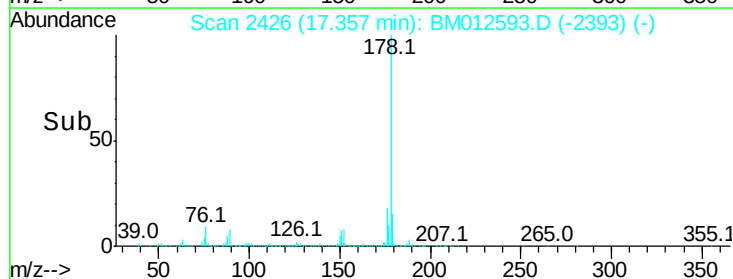
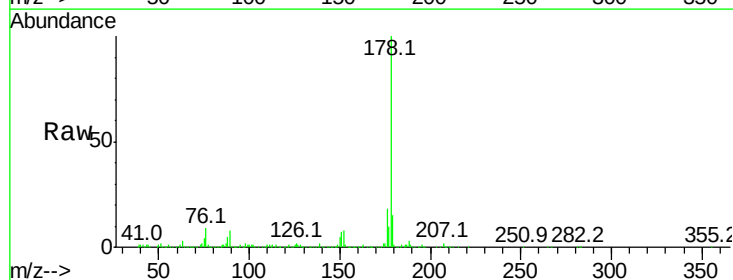
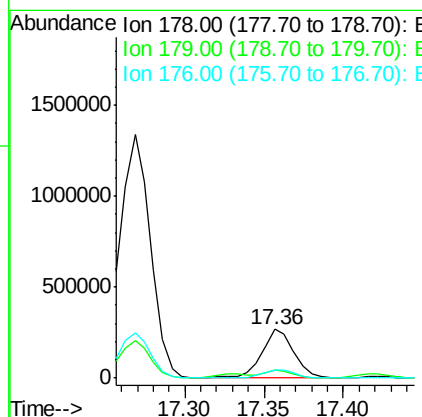
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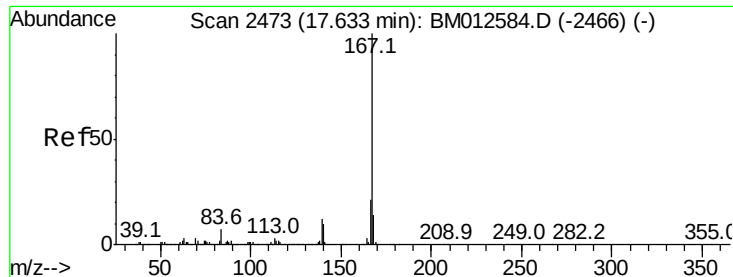
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#71
 Anthracene
 Concen: 4.166 ng/ul
 RT: 17.36 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BM012593.D
 Acq: 31 Oct 2017 03:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.9	14.6	21.8





#72

Carbazole

Concen: 2.542 ng/ul

RT: 17.63 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BM012593.D

Acq: 31 Oct 2017 03:00

Instrument :

BNA_M

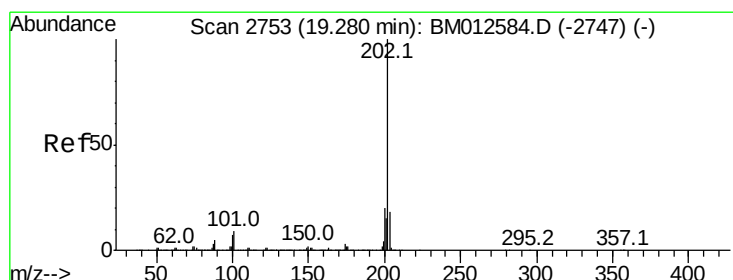
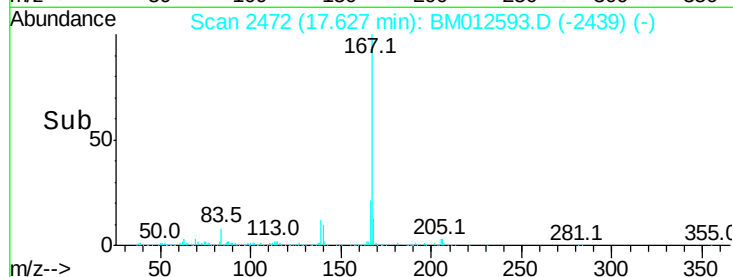
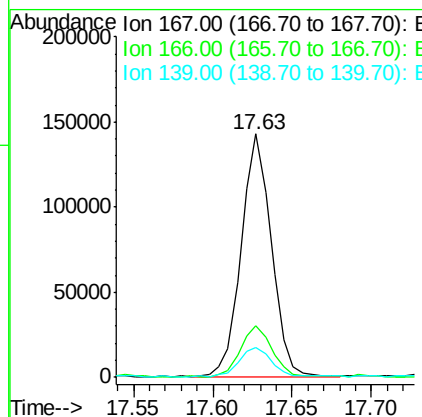
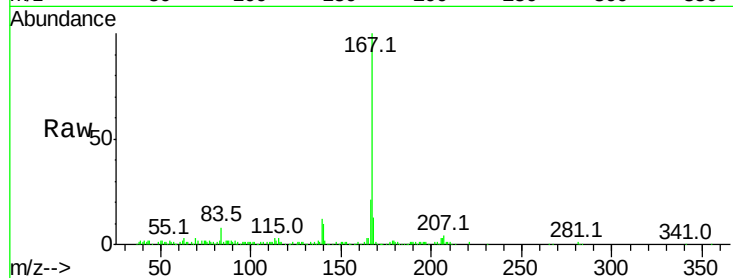
ClientSampleId :

ESNF3

Tot Ion:	167	Resp:	188062
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.1	25.7
139	12.4	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 29.102 ng/ul

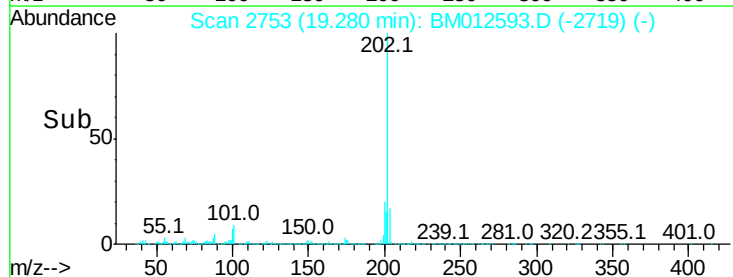
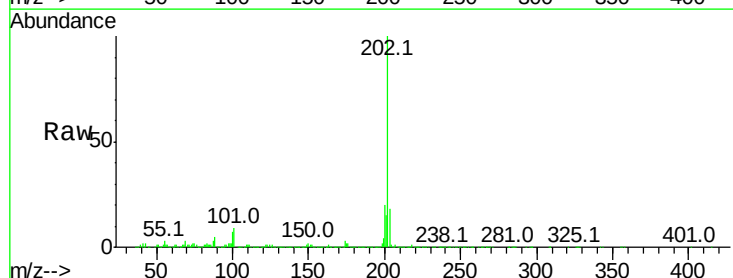
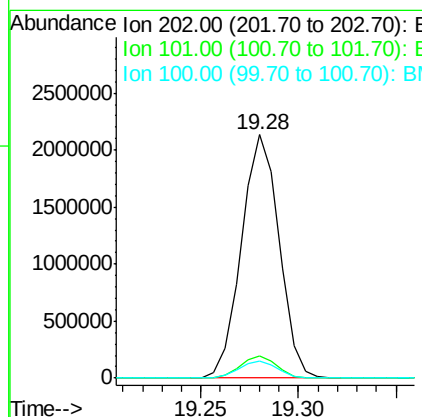
RT: 19.28 min Scan# 2753

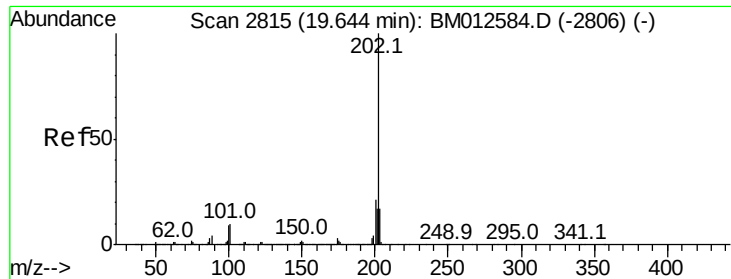
Delta R.T. 0.00 min

Lab File: BM012593.D

Acq: 31 Oct 2017 03:00

Tgt Ion:	202	Resp:	2849170
Ion Ratio	Lower	Upper	
202	100		
101	9.2	4.6	7.0#
100	7.0	3.4	5.2#





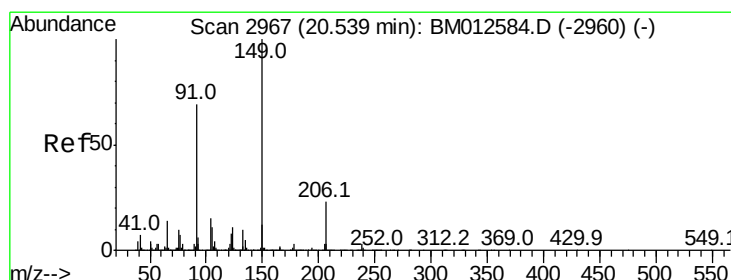
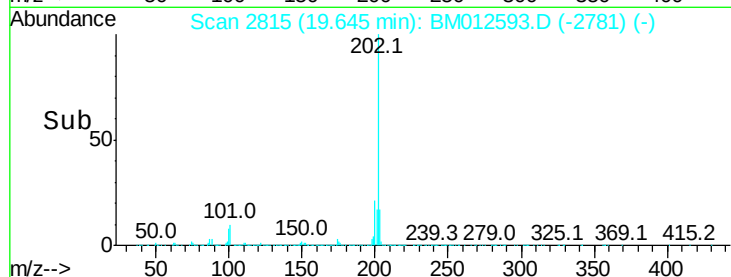
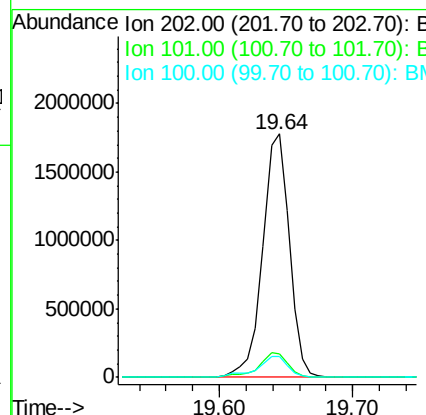
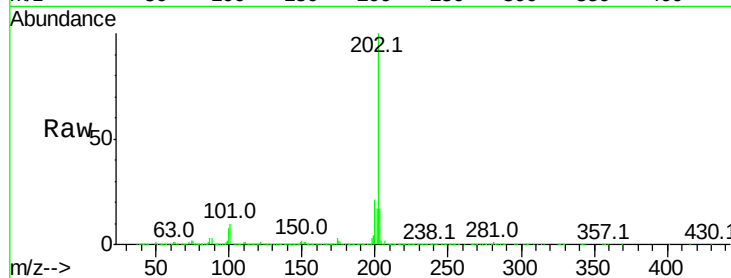
#77
 Pvrene
 Concen: 22.811 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. 0.00 min
 Lab File: BM012593.D
 Acq: 31 Oct 2017 03:00

Instrument :
 BNA_M
 ClientSampleId :
 ESNF3

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	8.4	4.9	7.3#

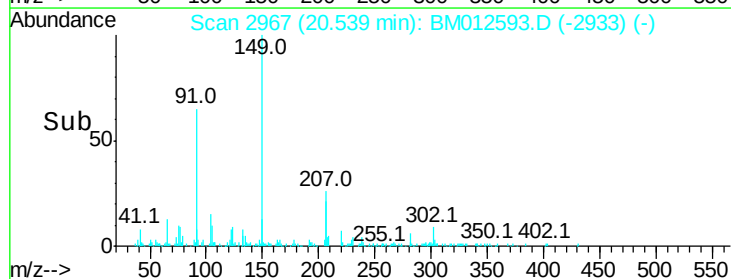
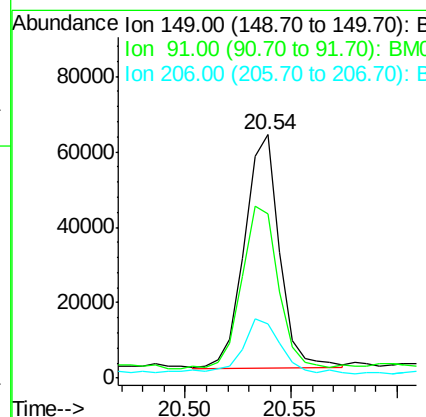
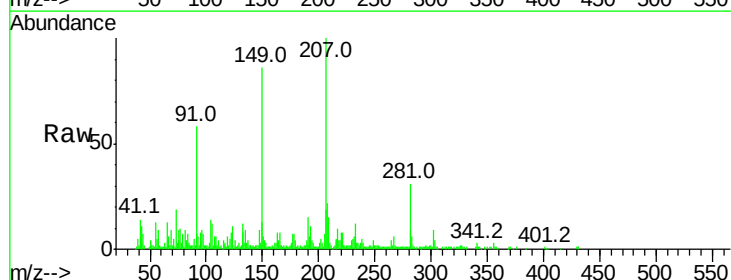
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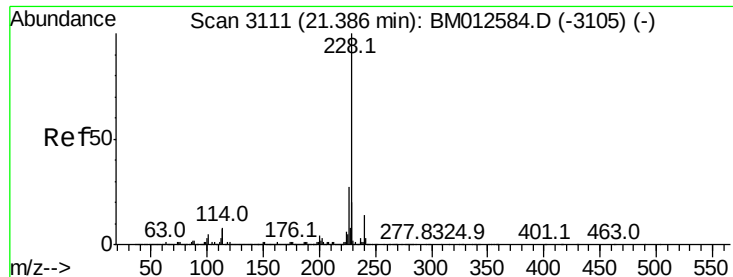
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#78
 Butylbenzylphthalate
 Concen: 1.686 ng/ul
 RT: 20.54 min Scan# 2967
 Delta R.T. 0.00 min
 Lab File: BM012593.D
 Acq: 31 Oct 2017 03:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	62.7	94.1
206	22.0	20.8	31.2





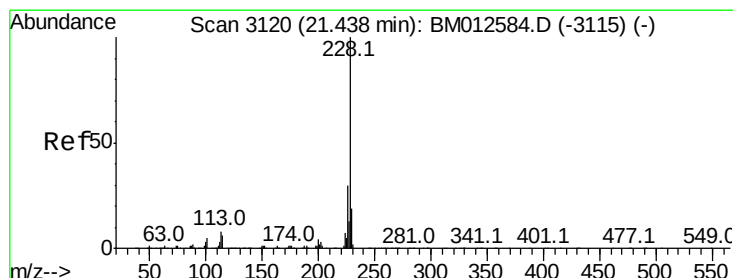
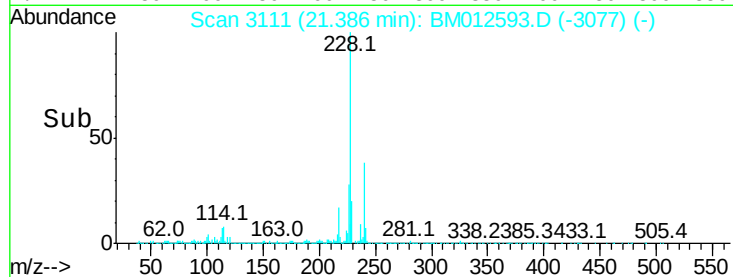
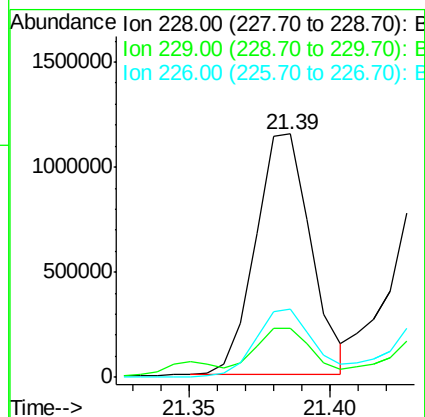
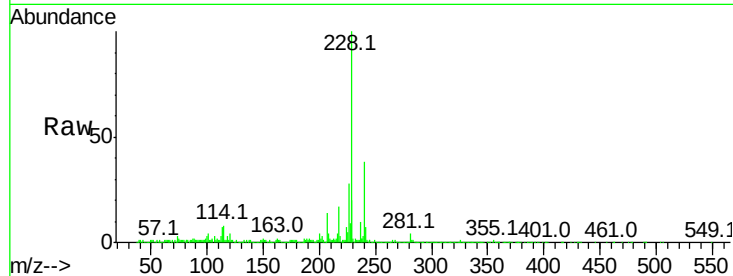
#80
Benzo(a)anthracene
Concen: 13.742 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Instrument :
BNA_M
ClientSampled :
ESNF3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.1	21.4	32.0

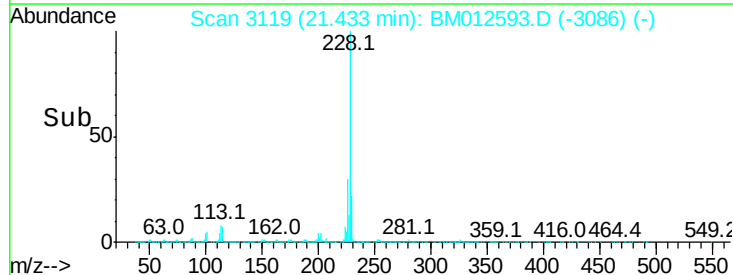
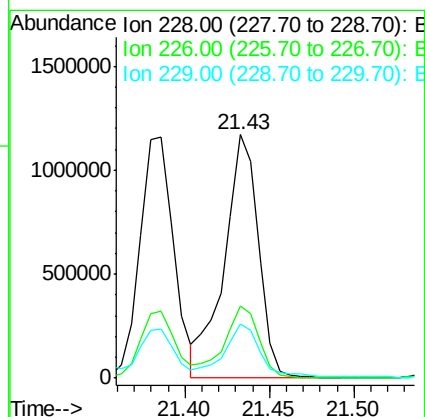
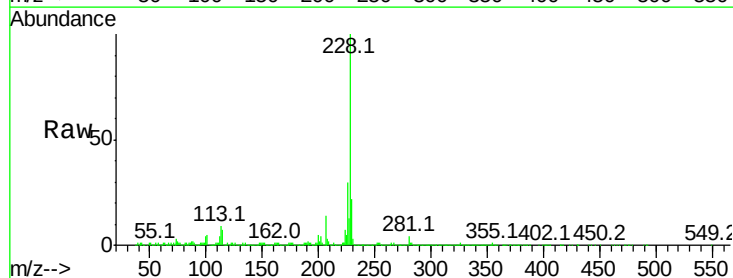
Manual Integrations
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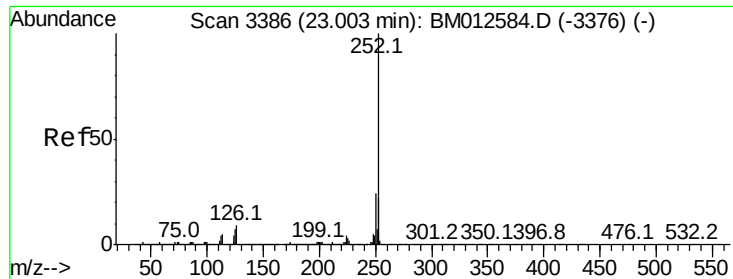
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#82
Chrysene
Concen: 16.301 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.5	15.5	23.3





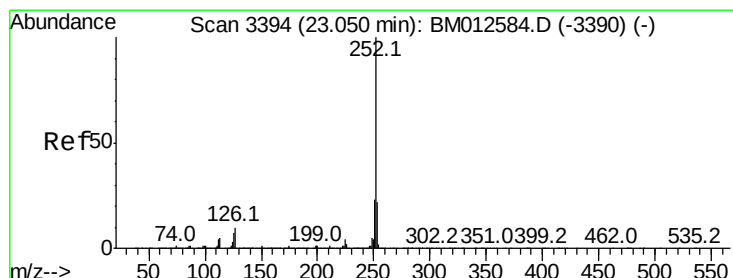
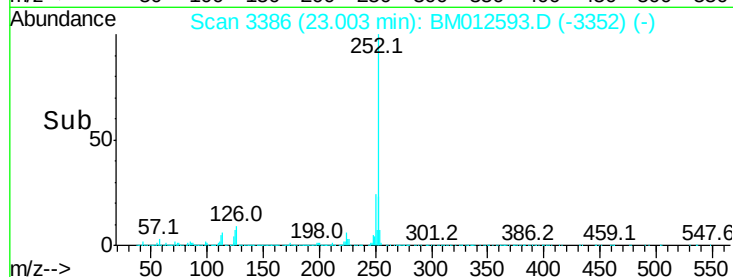
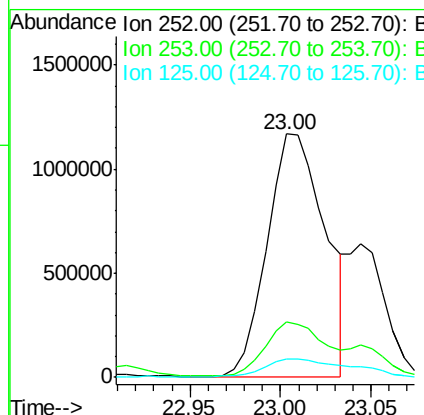
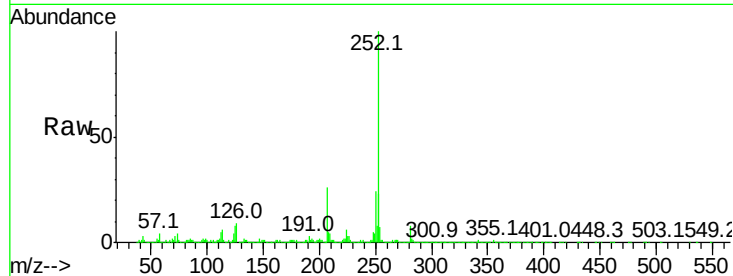
#85
Benzo(b)fluoranthene
Concen: 19.702 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Instrument :
BNA_M
ClientSampleId :
ESNF3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	7.5	3.6	5.4

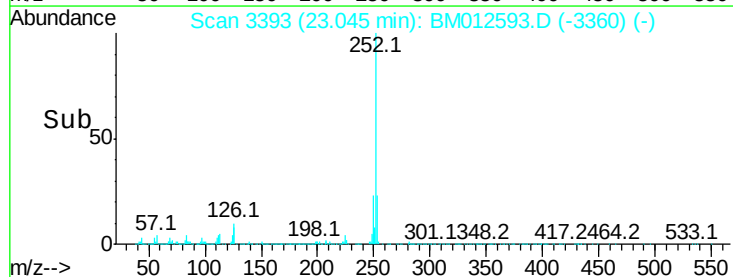
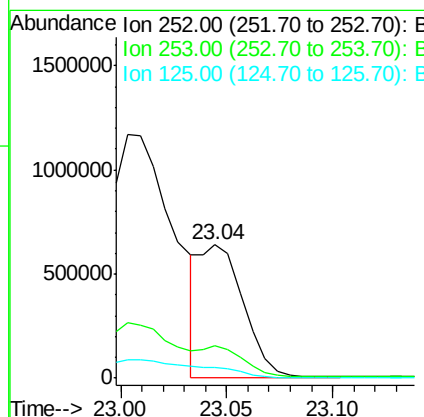
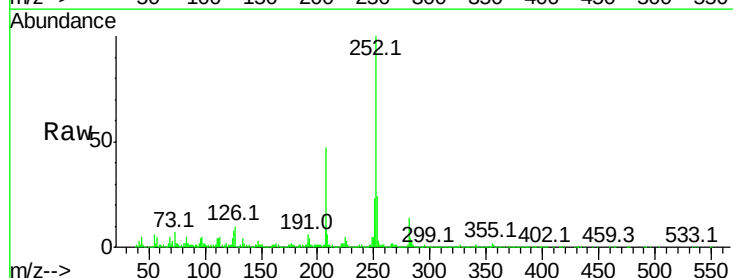
Manual Integrations
APPROVED

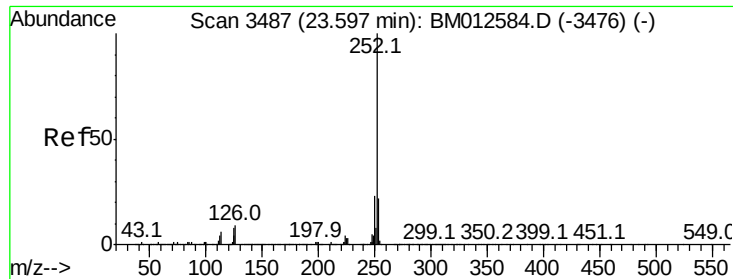
Sohil
10/31/2017 7:47:32 PM



#86
Benzo(k)fluoranthene
Concen: 7.394 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	8.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 14.332 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012593.D

Acq: 31 Oct 2017 03:00

Instrument :

BNA_M

ClientSampleId :

ESNF3

Tot Ion:252 Resp: 1803668

Ion Ratio Lower Upper

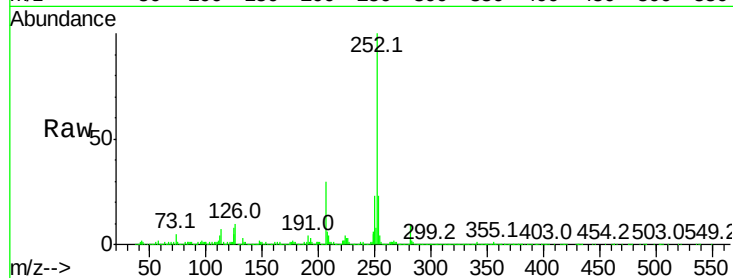
252 100

253 22.7 18.2 27.2

125 7.9 4.0 6.0#

Manual Integrations
APPROVED

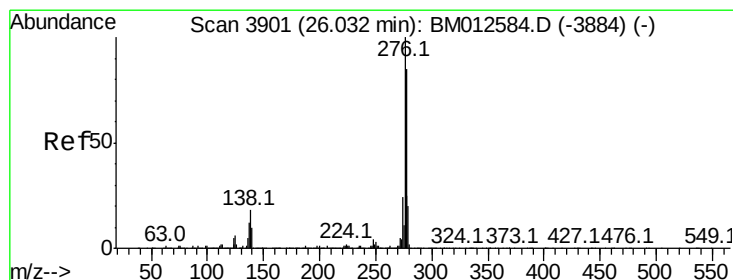
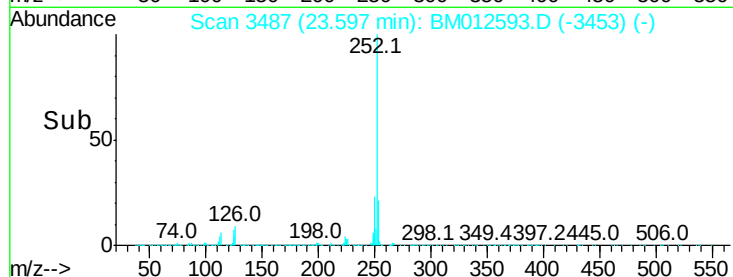
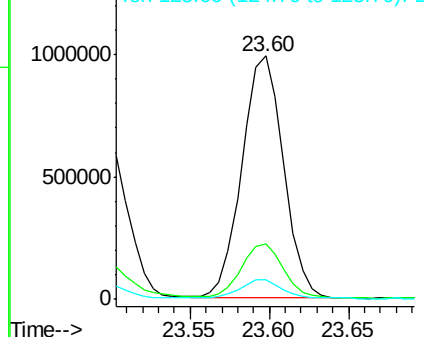
Sohil
10/31/2017 7:47:32 PM



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 9.615 ng/ul

RT: 26.03 min Scan# 3900

Delta R.T. -0.01 min

Lab File: BM012593.D

Acq: 31 Oct 2017 03:00

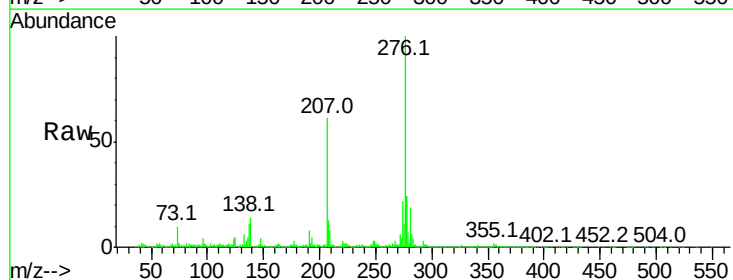
Tgt Ion:276 Resp: 1424107

Ion Ratio Lower Upper

276 100

138 14.0 9.3 13.9#

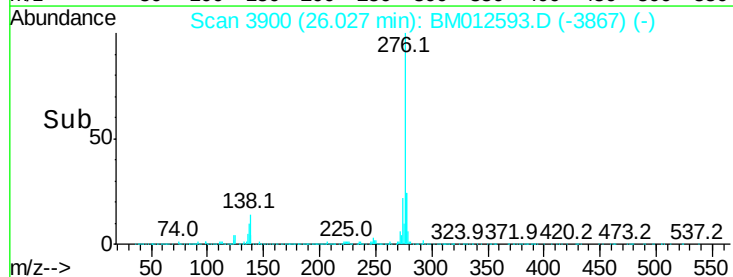
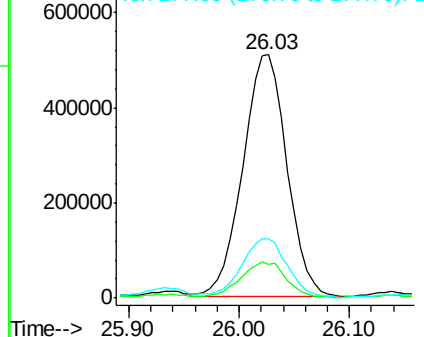
277 24.4 19.9 29.9

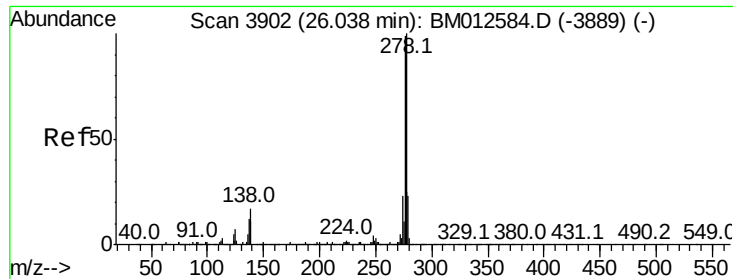


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





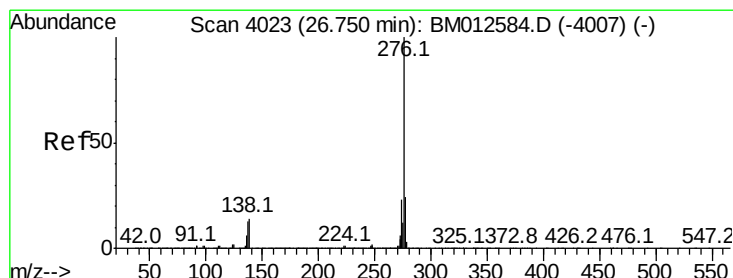
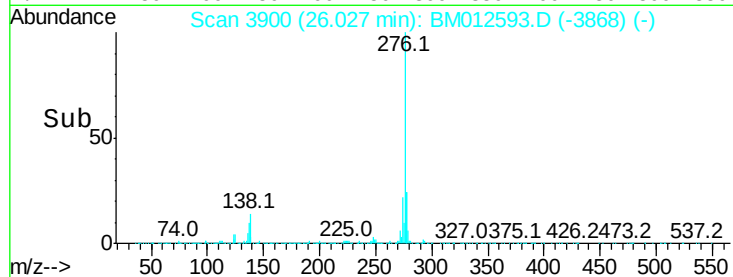
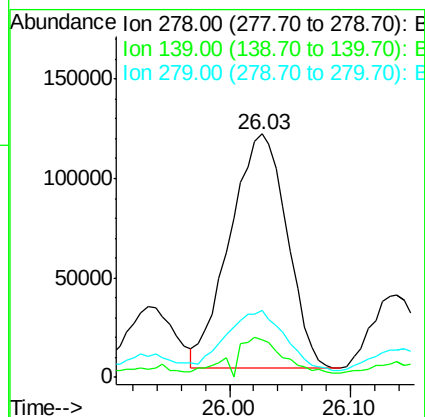
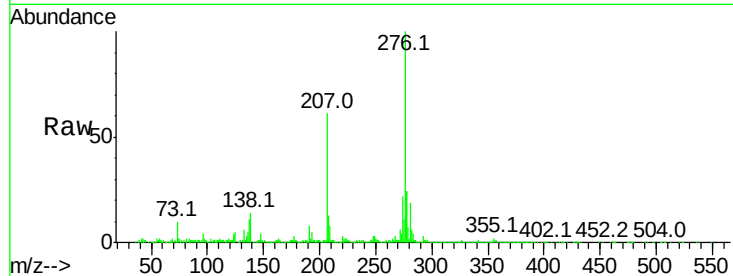
#90
Dibenzo(a,h)anthracene
Concen: 3.070 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Instrument :
BNA_M
ClientSampled :
ESNF3

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	5.8	8.8#
279	27.5	18.6	27.8

Manual Integrations
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10/31/2017 7:47:32 PM



#91
Benzo(g,h,i)perylene
Concen: 9.593 ng/ul
RT: 26.74 min Scan# 4021
Delta R.T. -0.01 min
Lab File: BM012593.D
Acq: 31 Oct 2017 03:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	24.0	18.6	28.0

