

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012594.D
 Acq On : 31 Oct 2017 03:35
 Operator : SJ/JU
 Sample : I5886-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNF5

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:47:34 PM

Quant Time: Oct 31 05:25:53 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	377599	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1395381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	794526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1820715	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2155803	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2456039	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	40197	5.44	ng/uL	0.00
5) Phenol-d5	7.02	99	634085	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	442670	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	559737	23.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	438283	16.26	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	278990	31.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	310801	34.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	561558	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	487935	19.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1710534	24.64	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2141698	26.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	169174	16.40	ng/ul	0.00
57) Fluorene-d10	15.47	176	1484947	25.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	185150	21.01	ng/ul	0.00
70) Anthracene-d10	17.33	188	2228936	25.69	ng/ul	0.00
76) Pyrene-d10	19.62	212	2511727	25.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2900008	24.85	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.05	94	96002	2.923	ng/ul#	81
44) Dimethylphthalate	13.94	163	129462	1.886	ng/ul	99
49) Acenaphthene	14.55	153	109739	2.045	ng/ul	97
58) Fluorene	15.53	166	100502	1.496	ng/ul	99
69) Phenanthrene	17.27	178	2797541	28.413	ng/ul	100
71) Anthracene	17.36	178	427092	4.197	ng/ul	99
72) Carbazole	17.63	167	310037	3.678	ng/ul	98
74) Fluoranthene	19.28	202	5411751	48.506	ng/ul#	91
77) Pyrene	19.64	202	4408966	35.964	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	2384334	18.470	ng/ul	97
82) Chrysene	21.43	228	2737645	23.852	ng/ul	98
85) Benzo(b)fluoranthene	23.01	252	3844227	25.320	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	1428153m	9.994	ng/ul	
88) Benzo(a)pyrene	23.60	252	2444926	16.890	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	1965772	11.538	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.03	278	536756	3.716	ng/ul#	92
91) Benzo(g,h,i)perylene	26.74	276	1577653	11.426	ng/ul#	97

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

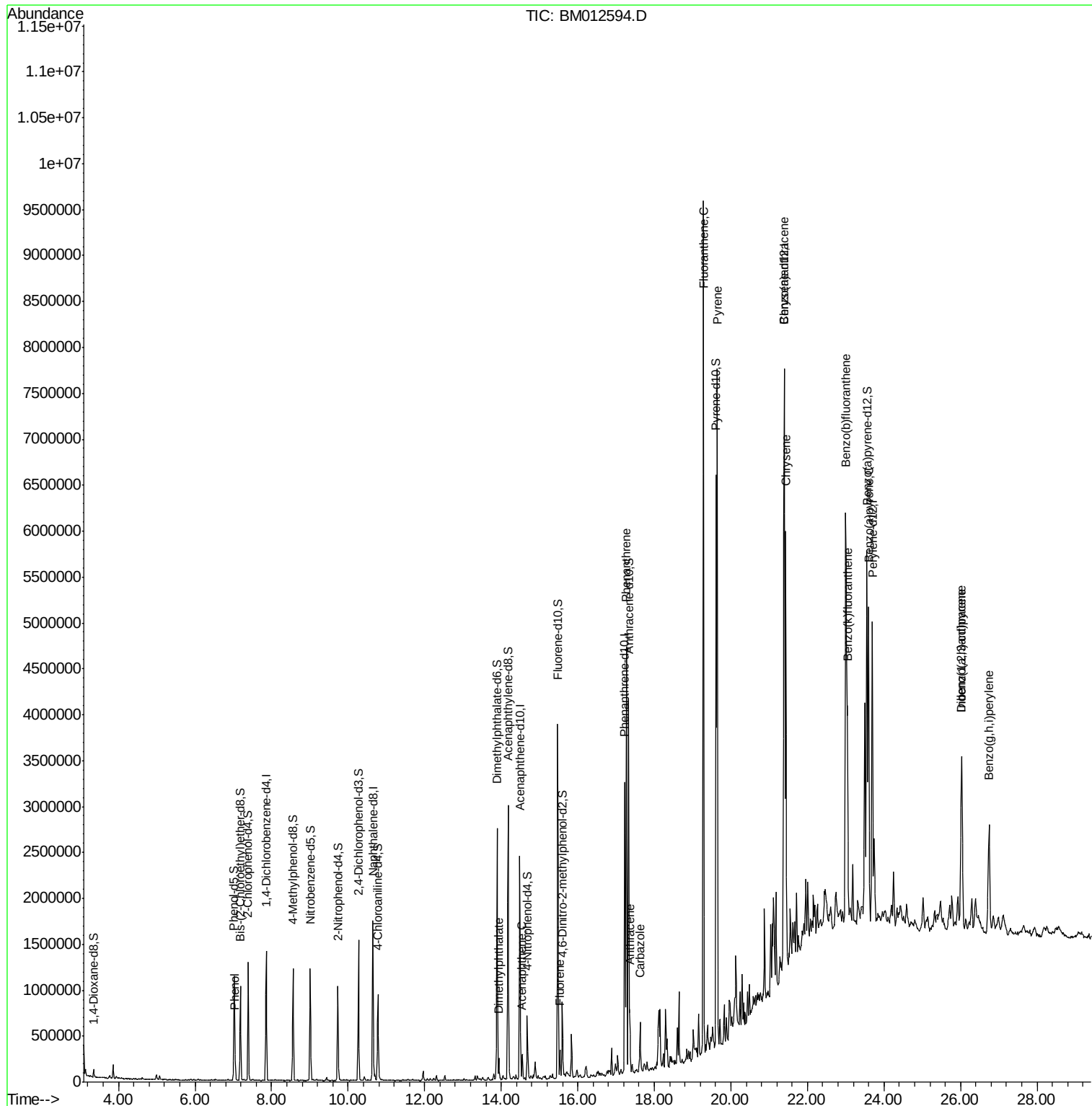
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012594.D
Acq On : 31 Oct 2017 03:35
Operator : SJ/JU
Sample : I5886-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

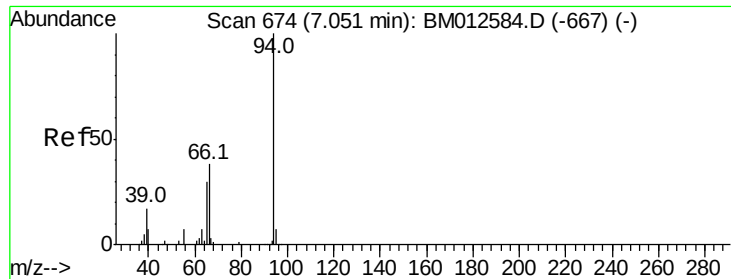
Instrument :
BNA_M
ClientSampled :
ESNF5

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Quant Time: Oct 31 05:25:53 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: 2.923 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

Instrument :

BNA_M

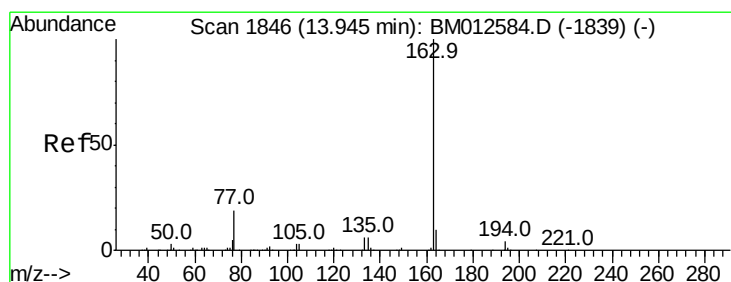
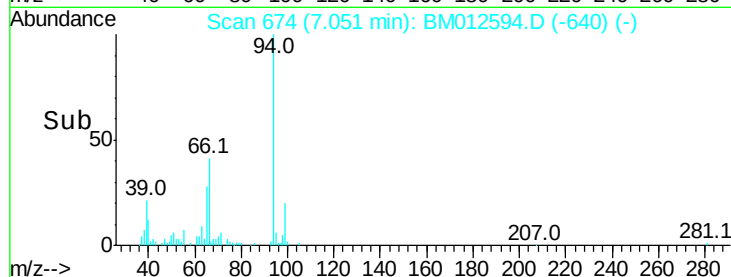
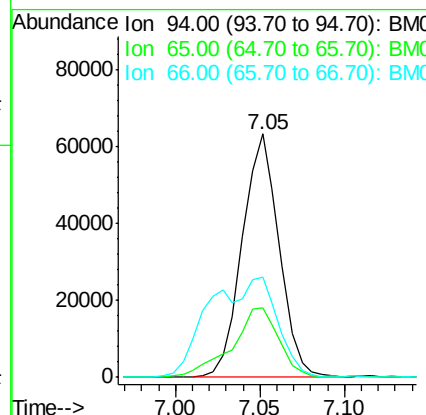
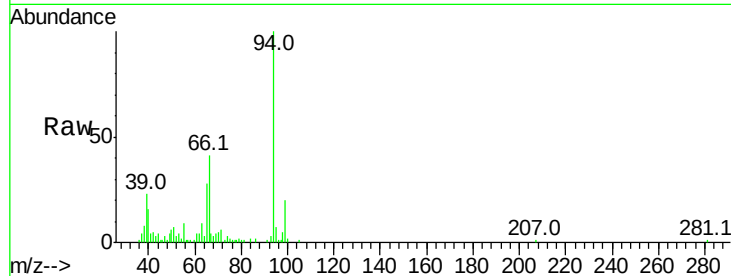
ClientSampleId :

ESNF5

Tot Ion:	94	Resp:	96002
Ion Ratio	Lower	Upper	
94	100		
65	28.3	28.2	42.4
66	41.4	47.2	70.8#

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#44

Dimethylphthalate

Concen: 1.886 ng/ul

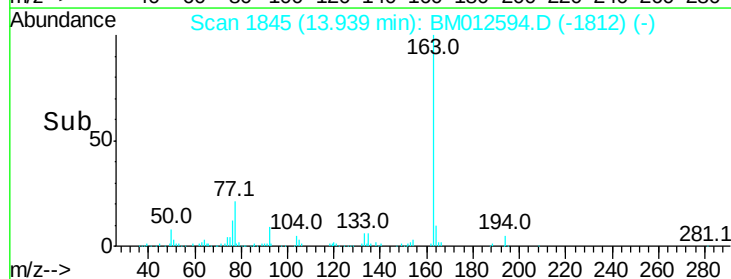
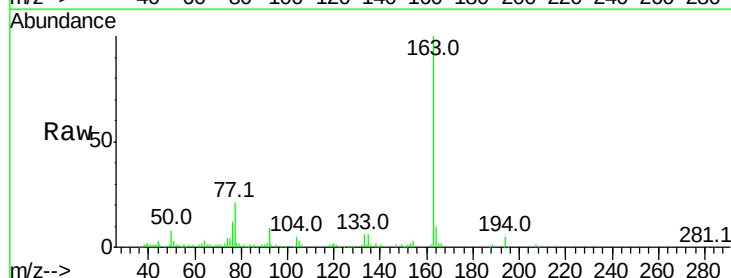
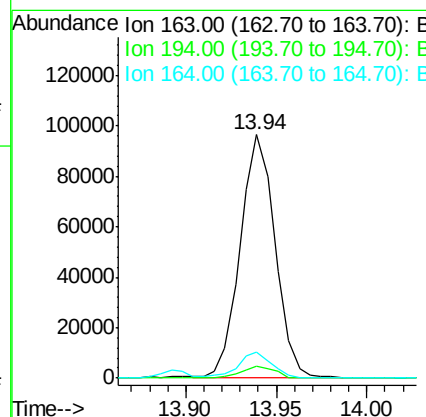
RT: 13.94 min Scan# 1845

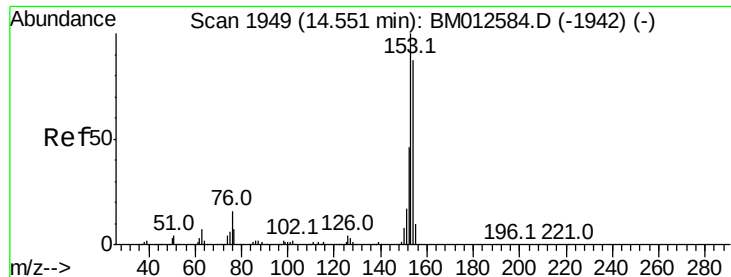
Delta R.T. -0.01 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

Tgt Ion:	163	Resp:	129462
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	10.5	8.2	12.4





#49

Acenaphthene

Concen: 2.045 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

Instrument :

BNA_M

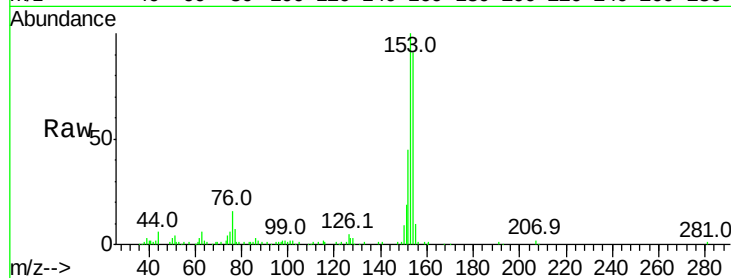
ClientSampled :

ESNF5

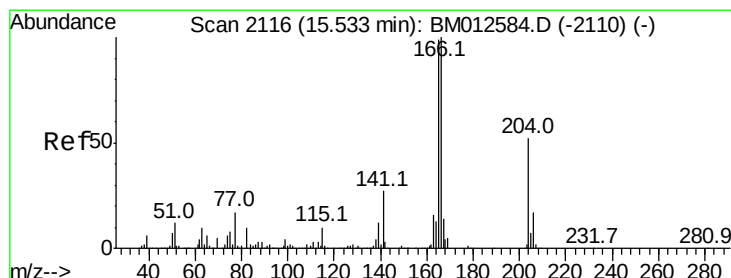
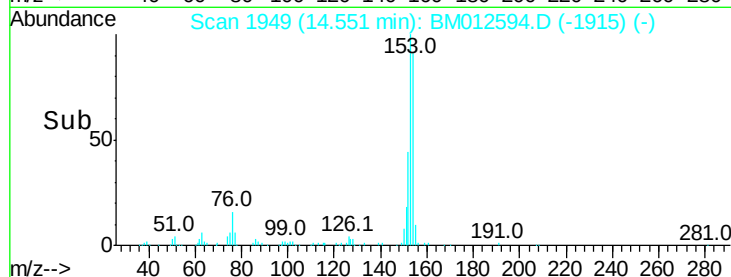
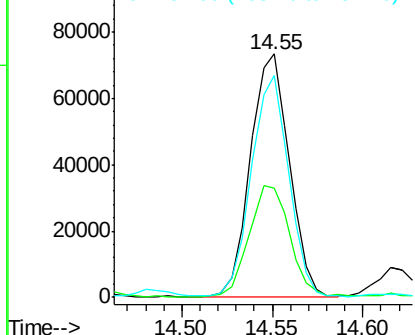
Tot Ion:	153	Resp:	109739
Ion Ratio	Lower	Upper	
153	100		
152	45.0	37.6	56.4
154	91.2	70.4	105.6

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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



#58

Fluorene

Concen: 1.496 ng/ul

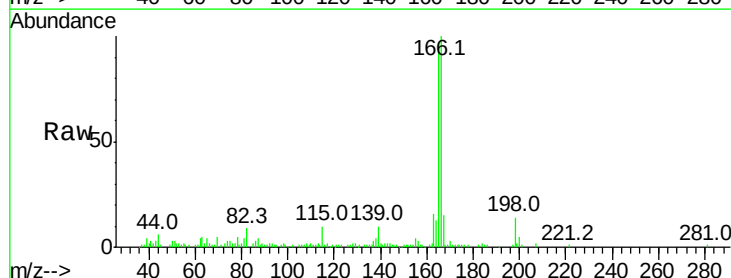
RT: 15.53 min Scan# 2116

Delta R.T. 0.00 min

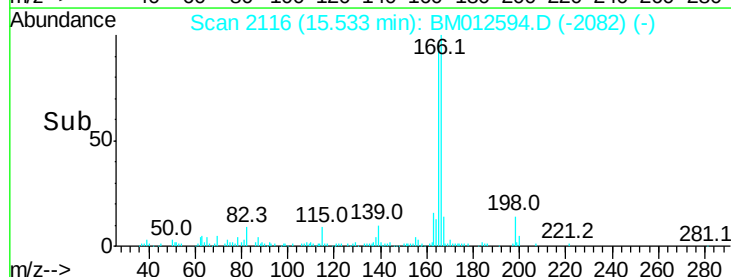
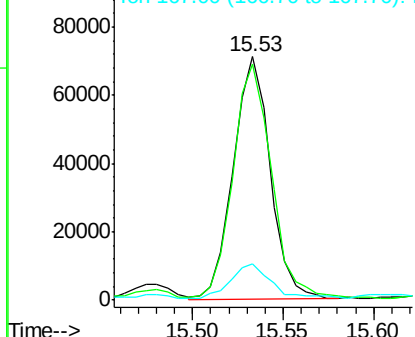
Lab File: BM012594.D

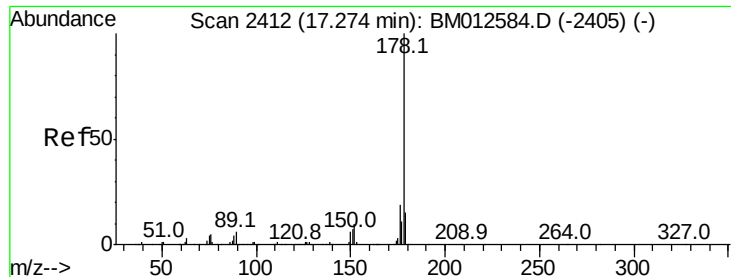
Acq: 31 Oct 2017 03:35

Tgt Ion:	166	Resp:	100502
Ion Ratio	Lower	Upper	
166	100		
165	96.7	77.9	116.9
167	14.9	10.6	16.0



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





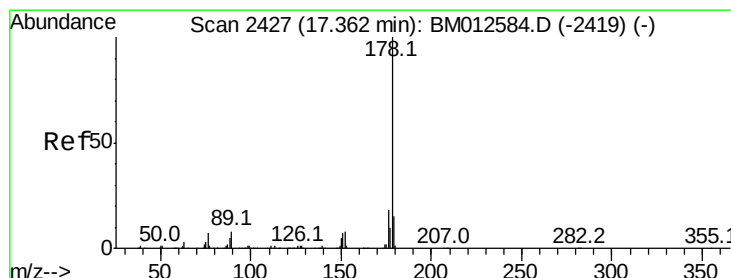
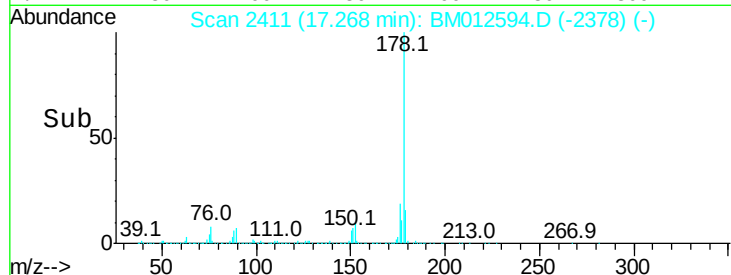
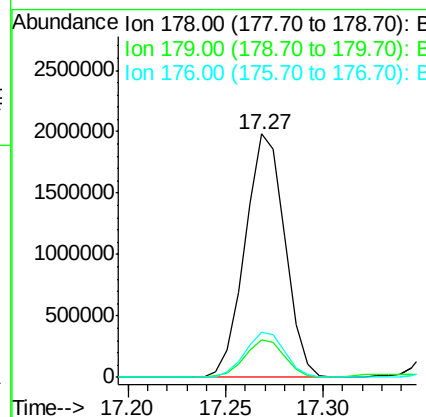
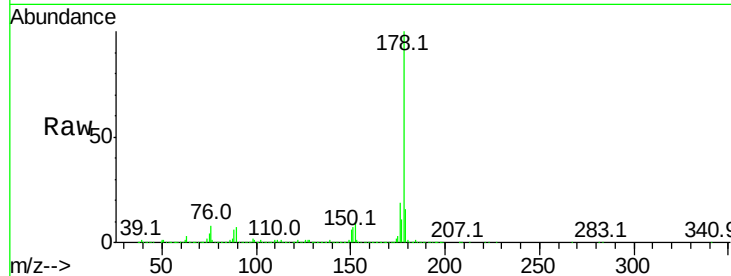
#69
 Phenanthrene
 Concen: 28.413 ng/ul
 RT: 17.27 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM012594.D
 Acq: 31 Oct 2017 03:35

Instrument :
 BNA_M
 ClientSampled :
 ESNF5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.6	14.9	22.3

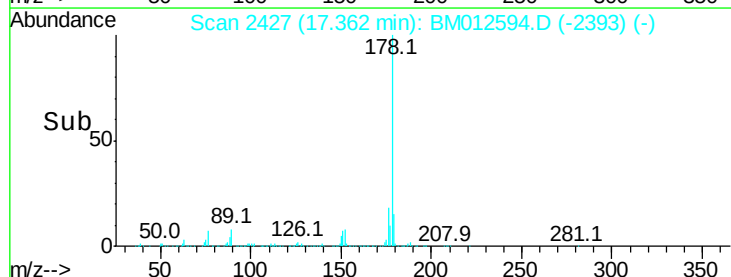
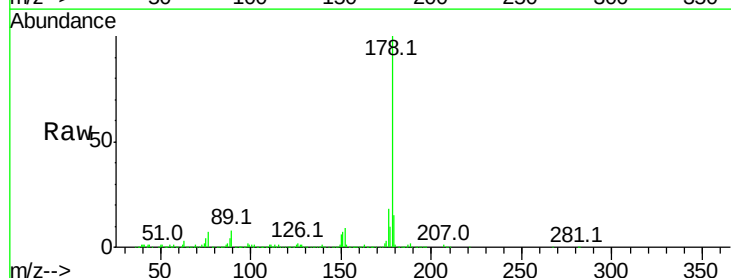
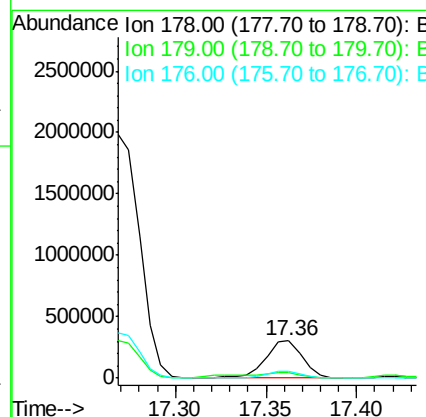
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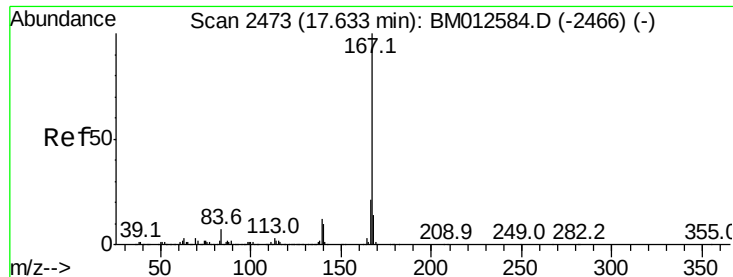
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#71
 Anthracene
 Concen: 4.197 ng/ul
 RT: 17.36 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BM012594.D
 Acq: 31 Oct 2017 03:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.1	14.6	21.8





#72

Carbazole

Concen: 3.678 ng/ul

RT: 17.63 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

Instrument :

BNA_M

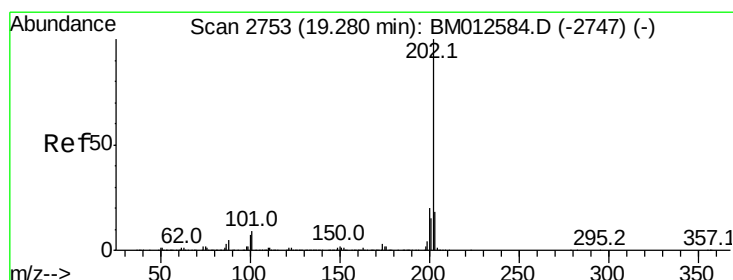
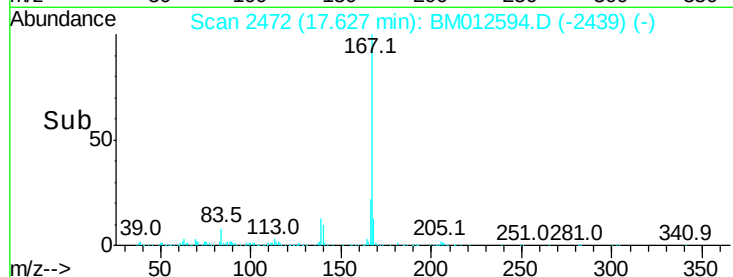
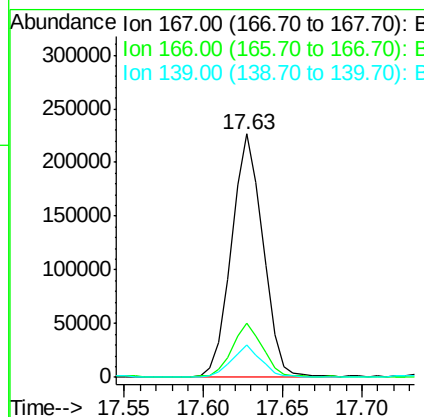
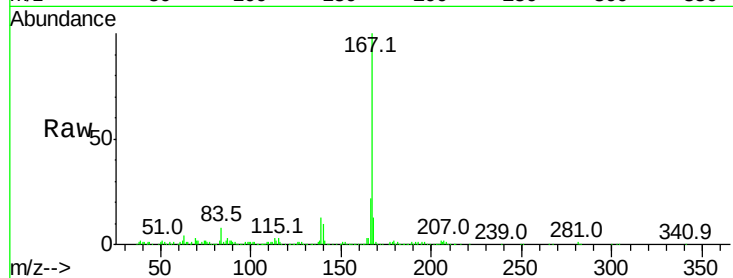
ClientSampleId :

ESNF5

Tot Ion:	167	Resp:	310037
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.1	25.7
139	13.1	10.0	15.0

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#74

Fluoranthene

Concen: 48.506 ng/ul

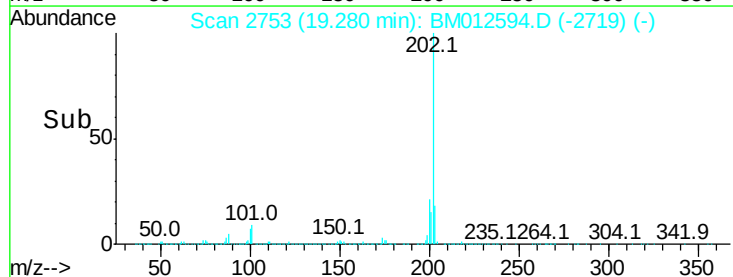
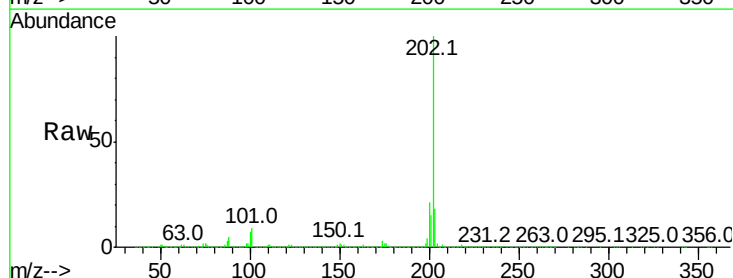
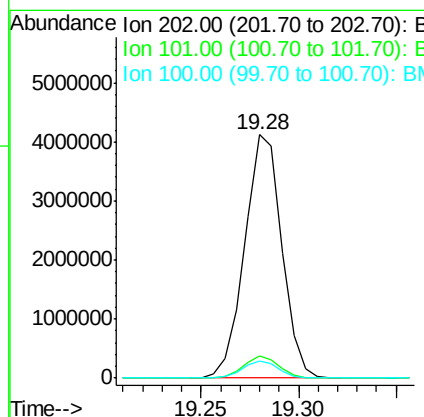
RT: 19.28 min Scan# 2753

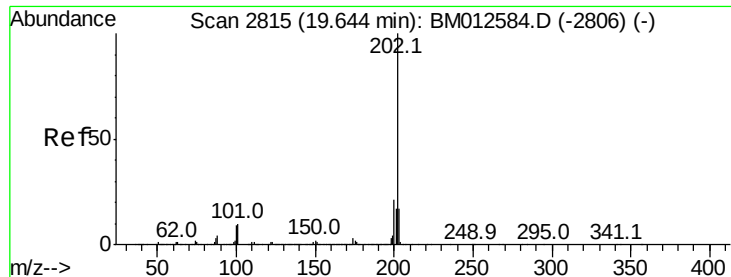
Delta R.T. 0.00 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

Tgt Ion:	202	Resp:	5411751
Ion Ratio	Lower	Upper	
202	100		
101	9.1	4.6	7.0#
100	7.1	3.4	5.2#





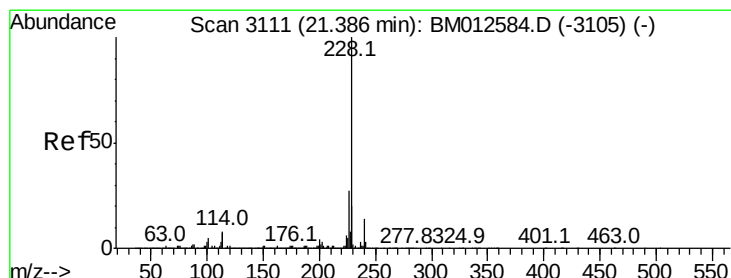
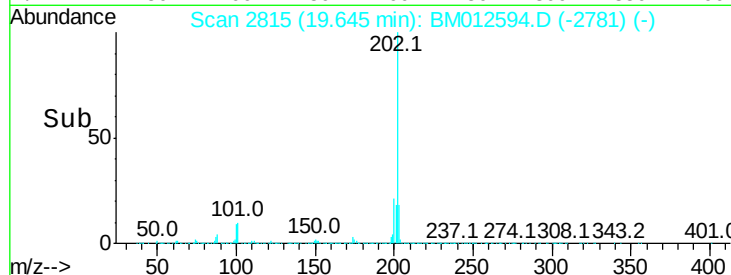
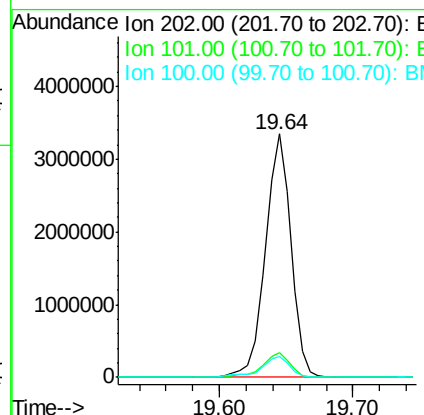
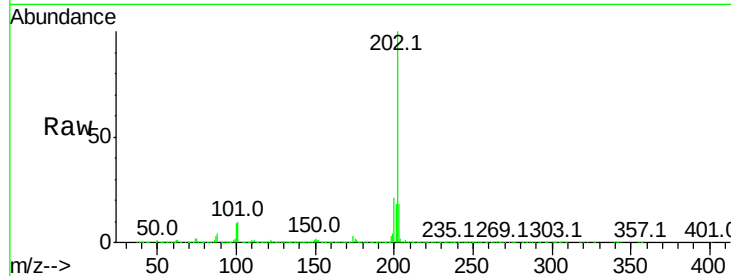
#77
Pvrene
Concen: 35.964 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM012594.D
Acq: 31 Oct 2017 03:35

Instrument :
BNA_M
ClientSampleId :
ESNF5

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	8.5	4.9	7.3#

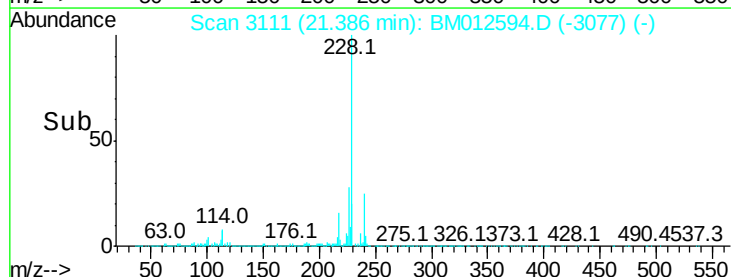
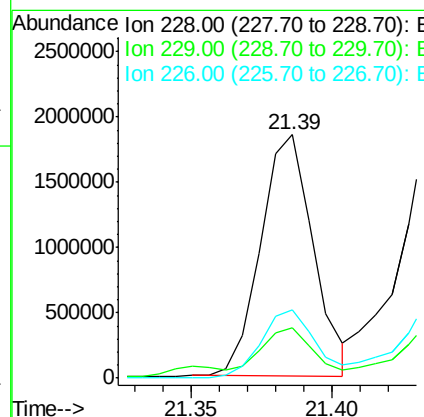
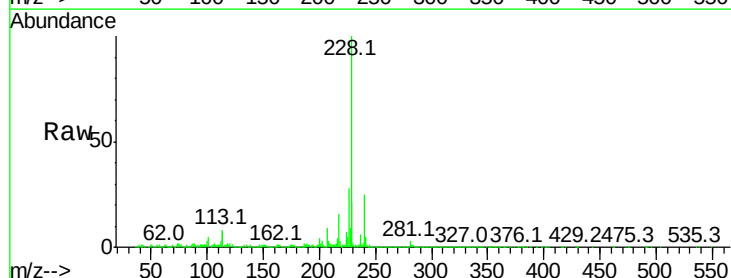
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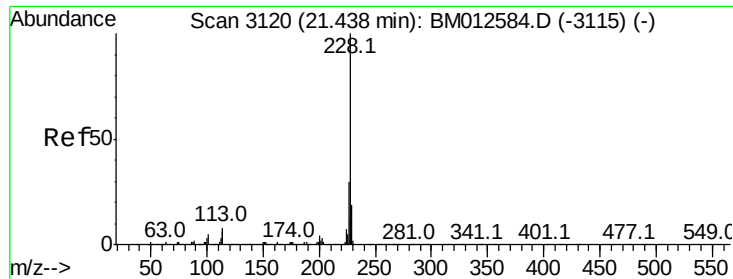
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#80
Benzo(a)anthracene
Concen: 18.470 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012594.D
Acq: 31 Oct 2017 03:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	27.8	21.4	32.0





#82

Chrysene

Concen: 23.852 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

Instrument :

BNA_M

ClientSampled :

ESNF5

Tot Ion:228 Resp: 2737645

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.4	15.5	23.3

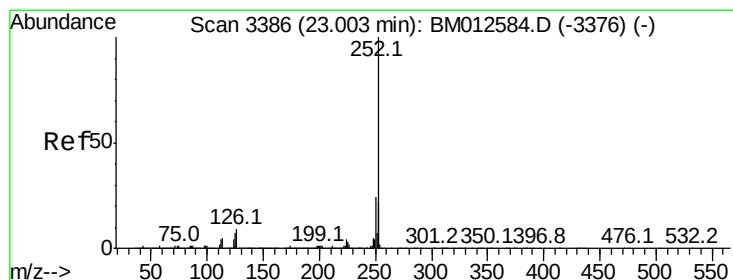
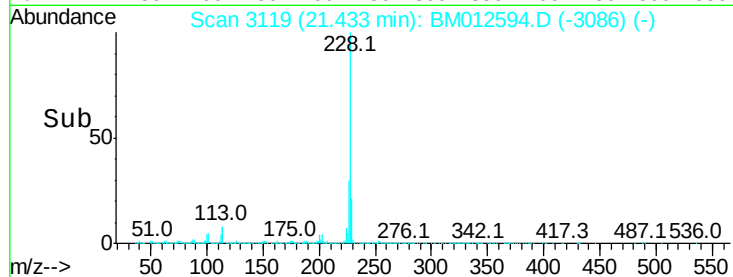
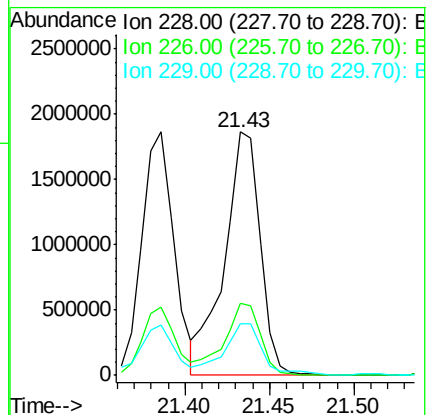
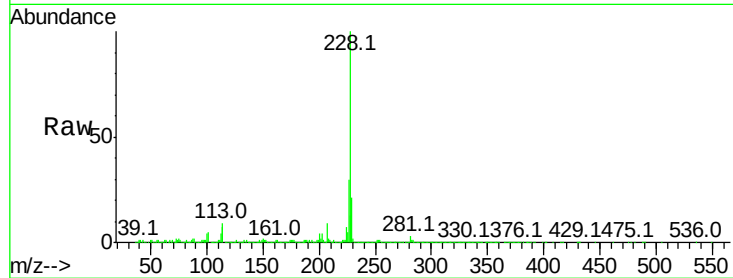
228 100

226 29.7 23.4 35.2

229 21.4 15.5 23.3

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#85

Benzo(b)fluoranthene

Concen: 25.320 ng/ul

RT: 23.01 min Scan# 3387

Delta R.T. 0.01 min

Lab File: BM012594.D

Acq: 31 Oct 2017 03:35

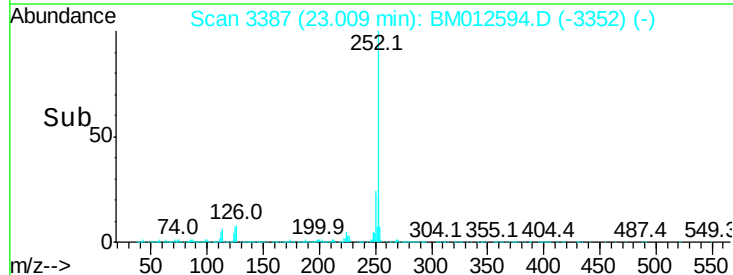
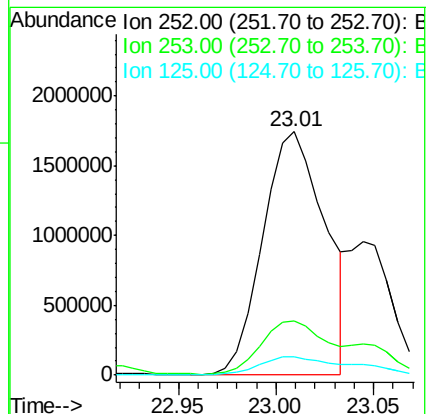
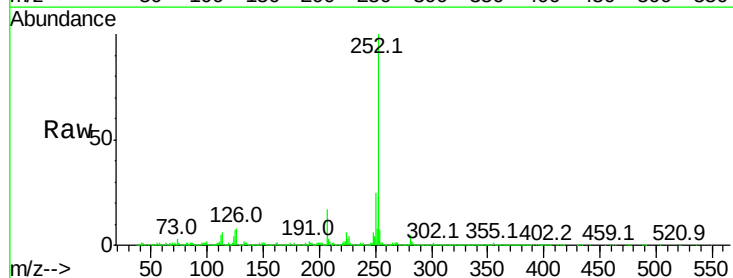
Tgt Ion:252 Resp: 3844227

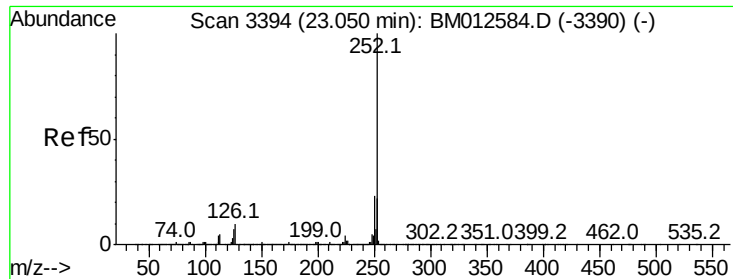
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	7.3	3.6	5.4

252 100

253 22.5 17.9 26.9

125 7.3 3.6 5.4





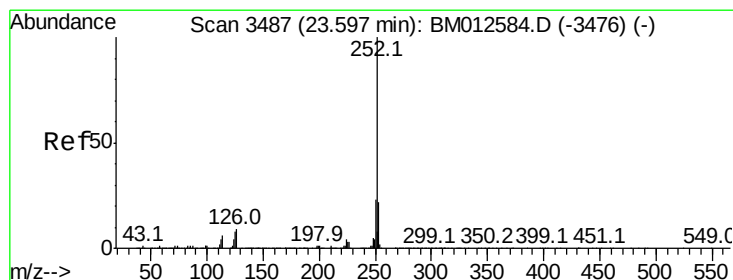
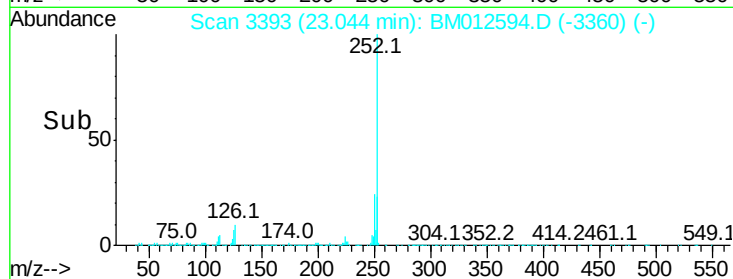
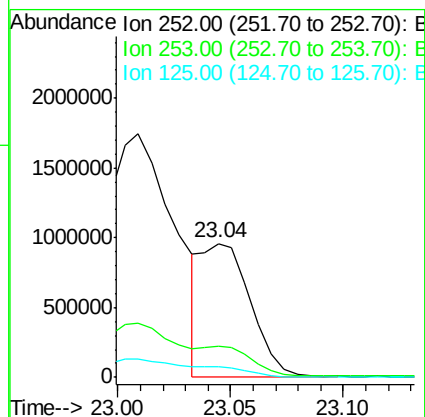
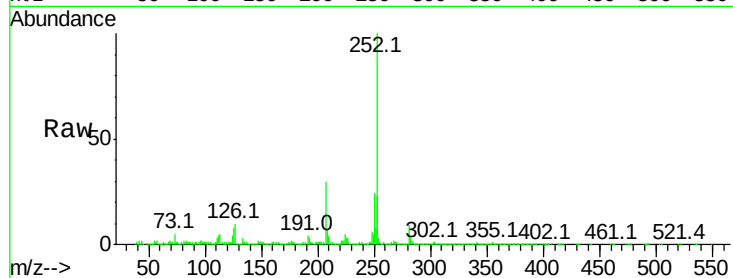
#86
Benzo(k)fluoranthene
Concen: 9.994 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM012594.D
Acq: 31 Oct 2017 03:35

Instrument :
BNA_M
ClientSampled :
ESNF5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	7.9	3.4	5.2

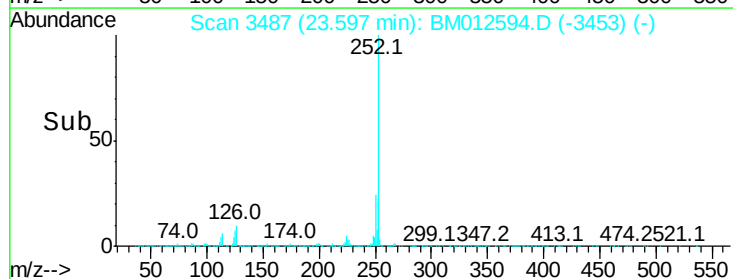
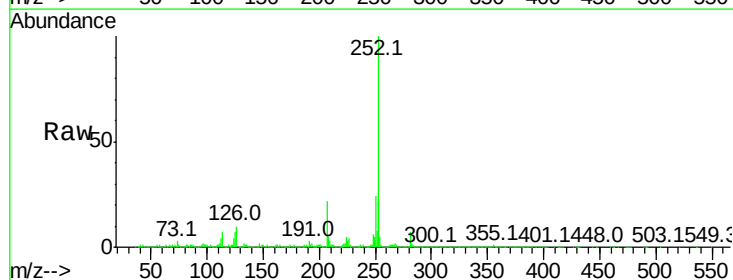
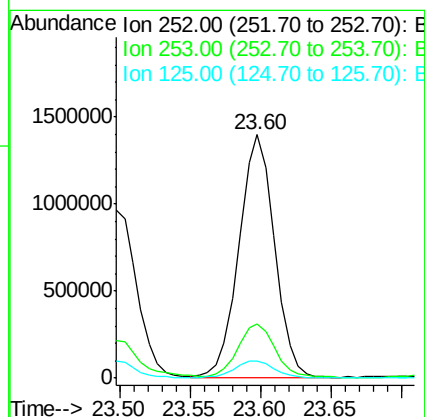
Manual Integrations
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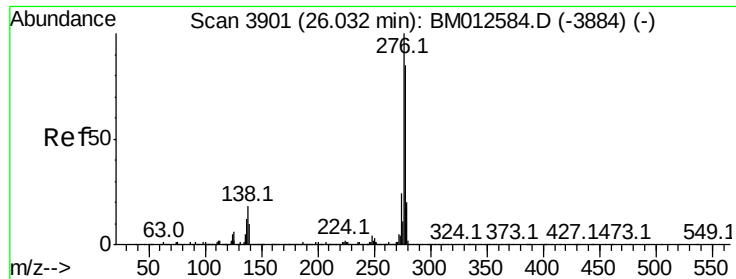
Sohil
10/31/2017 7:47:34 PM



#88
Benzo(a)pyrene
Concen: 16.890 ng/ul
RT: 23.60 min Scan# 3487
Delta R.T. 0.00 min
Lab File: BM012594.D
Acq: 31 Oct 2017 03:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	7.2	4.0	6.0





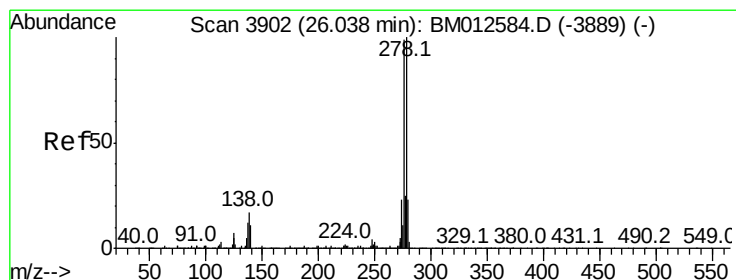
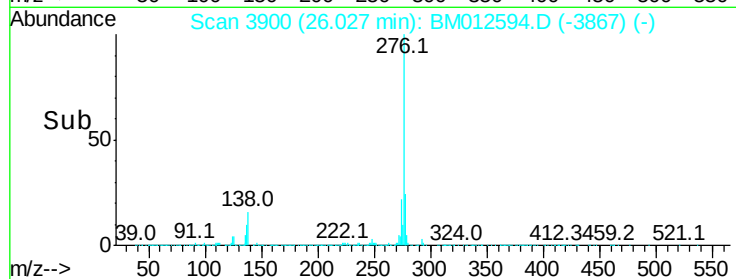
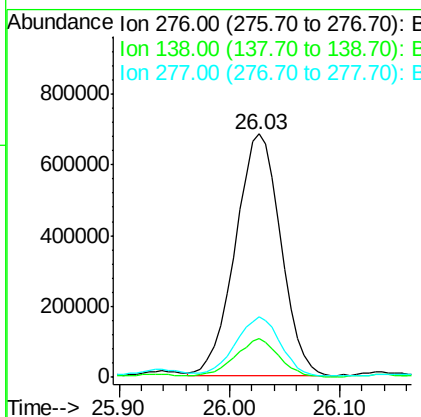
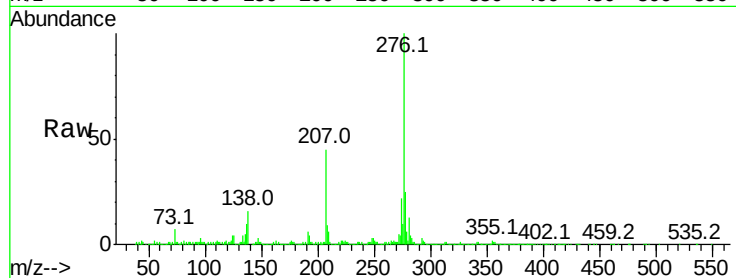
#89
Indeno(1,2,3-cd)pyrene
Concen: 11.538 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012594.D
Acq: 31 Oct 2017 03:35

Instrument :
BNA_M
ClientSampleId :
ESNF5

Tot Ion:276 Resp: 1965772
Ion Ratio Lower Upper
276 100
138 15.7 9.3 13.9#
277 24.8 19.9 29.9

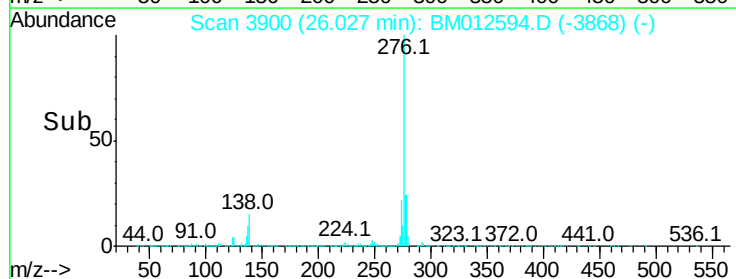
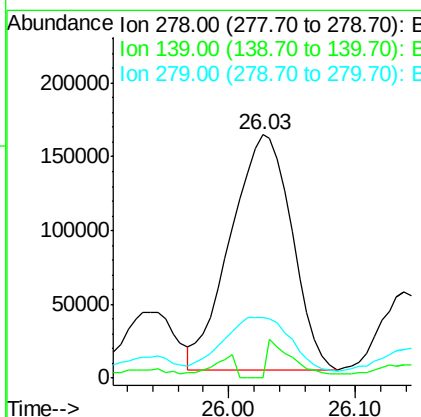
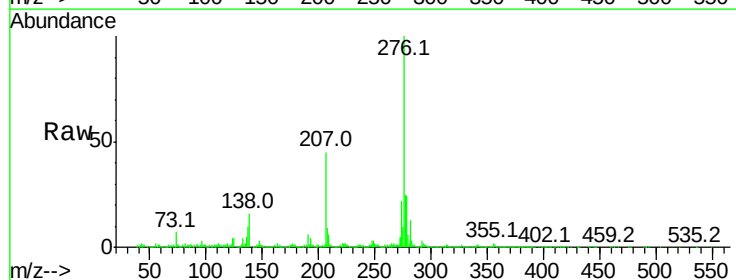
Manual Integrations
APPROVED

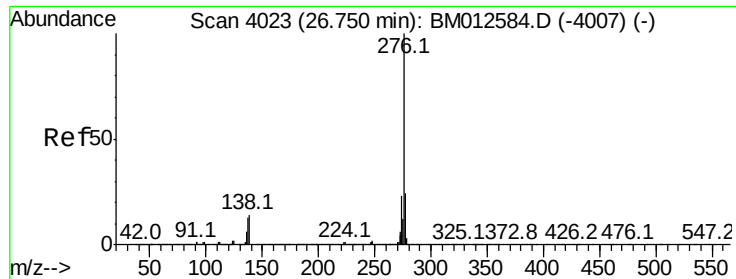
Sohil
10/31/2017 7:47:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 3.716 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012594.D
Acq: 31 Oct 2017 03:35

Tgt Ion:278 Resp: 536756
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.8#
279 24.8 18.6 27.8





#91
 Benzo(a,h,i)perylene
 Concen: 11.426 ng/ul
 RT: 26.74 min Scan# 4022
 Delta R.T. -0.01 min
 Lab File: BM012594.D
 Acq: 31 Oct 2017 03:35

Instrument :
 BNA_M
 ClientSampleId :
 ESNF5

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	8.5	12.7#
277	23.4	18.6	28.0

Manual Integrations
 APPROVED

Sohil
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