

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111317\
 Data File : BM012948.D
 Acq On : 13 Nov 2017 23:08
 Operator : SJ/JU
 Sample : I6363-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0FC6

Manual Integrations
 APPROVED

SOHIL
 11/14/2017 5:24:18 PM

Quant Time: Nov 14 04:35:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:22:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	95370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	370651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	221460	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	520183	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	647546	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	719922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	5892	3.34	ng/uL	0.00
5) Phenol-d5	6.96	99	109161	15.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	63824	16.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	92538	15.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	88614	14.47	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	43205	15.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	49170	15.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	93457	14.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	78454	12.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	299520	16.34	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	361061	15.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	29140	9.92	ng/ul	0.01
57) Fluorene-d10	15.42	176	264312	16.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	30062	8.75	ng/ul	0.00
70) Anthracene-d10	17.27	188	417581	16.61	ng/ul	0.00
78) Pyrene-d10	19.56	212	466321	15.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	552961	16.24	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.94	77	11976	3.173	ng/ul	94
6) Phenol	6.99	94	17646	2.422	ng/ul	93
44) Dimethylphthalate	13.88	163	85850	4.721	ng/ul#	97
47) Acenaphthylene	14.14	152	92982	4.232	ng/ul	99
69) Phenanthrene	17.21	178	39479	1.389	ng/ul	98
71) Anthracene	17.30	178	59863	2.031	ng/ul	99
76) Fluoranthene	19.23	202	368119	10.774	ng/ul	97
79) Pyrene	19.59	202	503007	13.020	ng/ul	96
82) Benzo(a)anthracene	21.34	228	328696m	8.388	ng/ul	
84) Chrysene	21.39	228	328705	9.256	ng/ul	97
87) Benzo(b)fluoranthene	22.95	252	589281	13.394	ng/ul#	97
88) Benzo(k)fluoranthene	22.99	252	213222m	5.099	ng/ul	
90) Benzo(a)pyrene	23.53	252	486153m	11.613	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.93	276	353706	7.010	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.93	278	94105	2.203	ng/ul#	74
93) Benzo(g,h,i)perylene	26.64	276	291620	7.014	ng/ul#	91

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

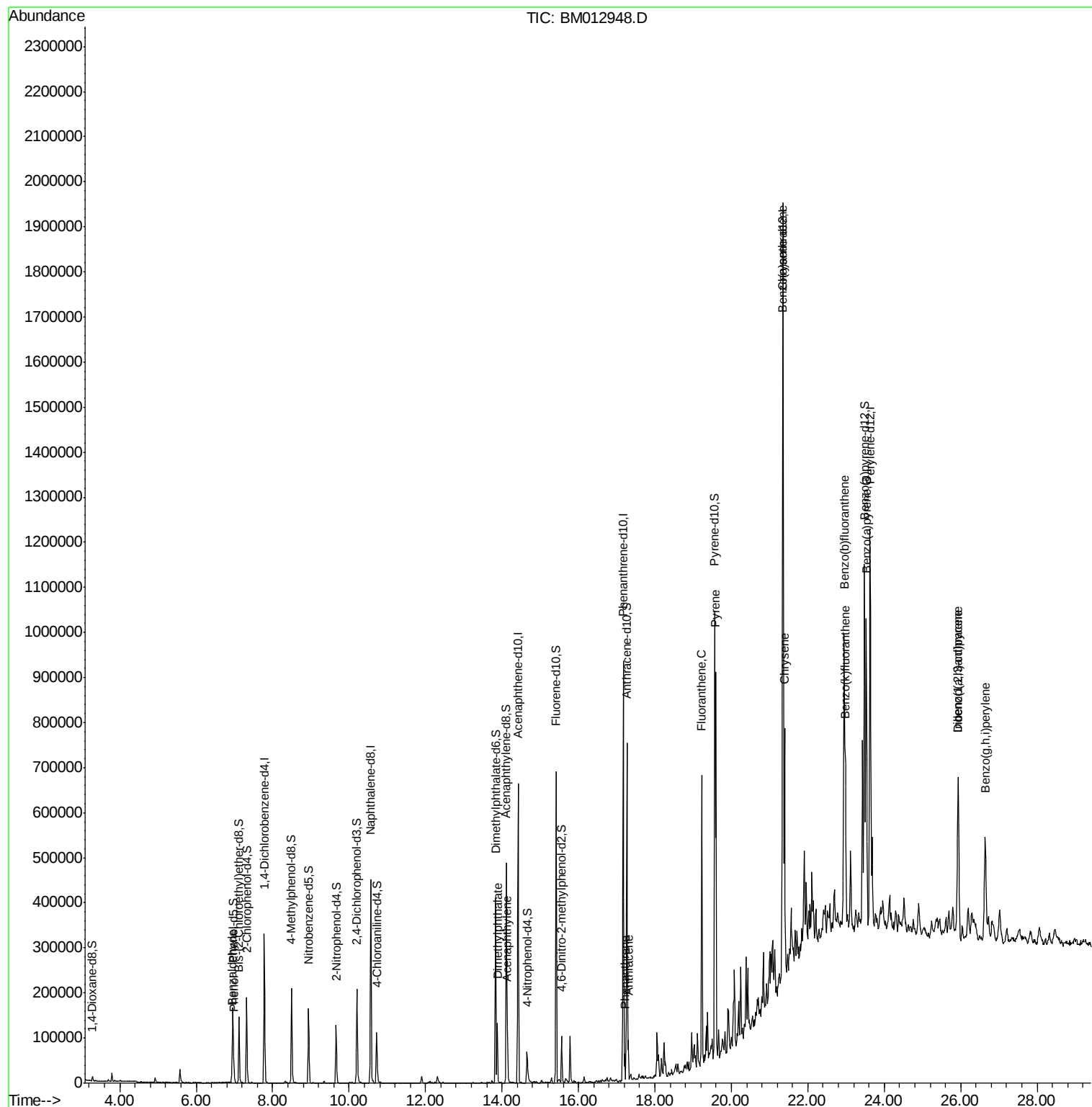
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM111317\
Data File : BM012948.D
Acq On : 13 Nov 2017 23:08
Operator : SJ/JU
Sample : I6363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

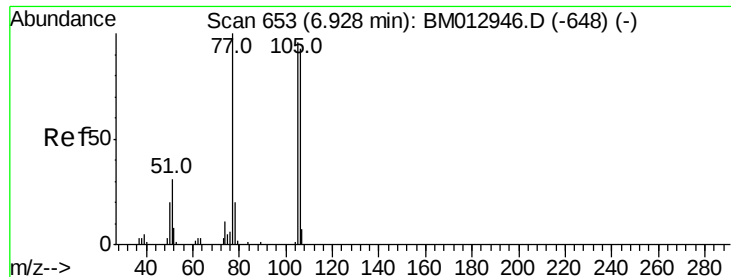
Instrument :
BNA_M
ClientSampleId :
B0FC6

Manual Integrations
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Quant Time: Nov 14 04:35:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 04:22:37 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.173 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

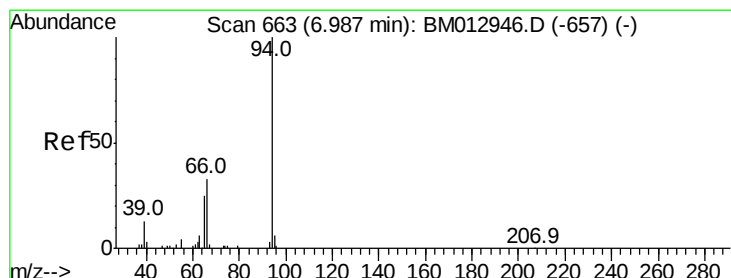
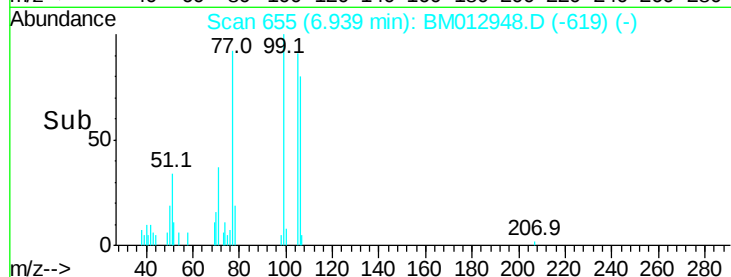
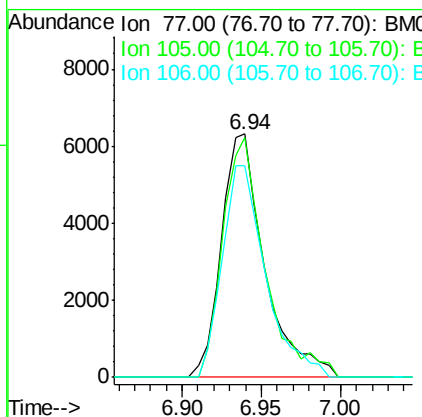
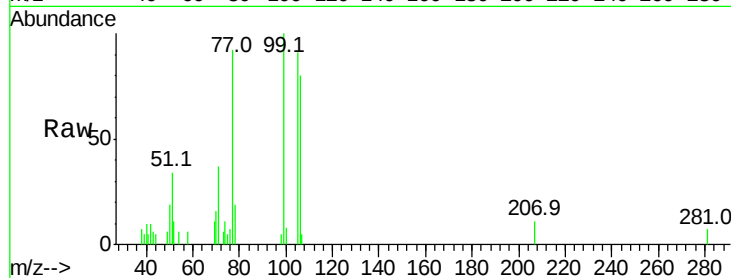
ClientSampleId :

B0FC6

Tot Ion:	77	Resp:	11976
Ion	Ratio	Lower	Upper
77	100		
105	98.4	80.6	120.8
106	86.7	77.7	116.5

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#6

Phenol

Concen: 2.422 ng/ul

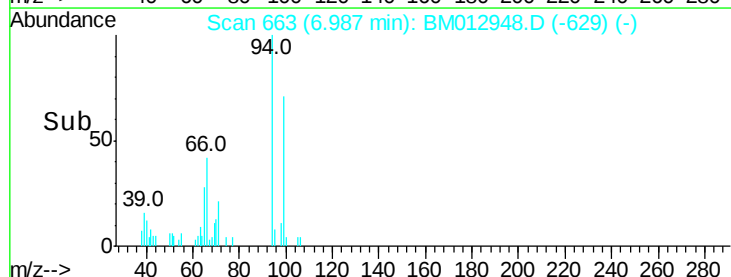
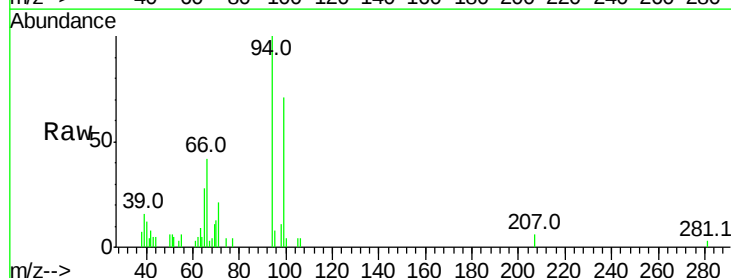
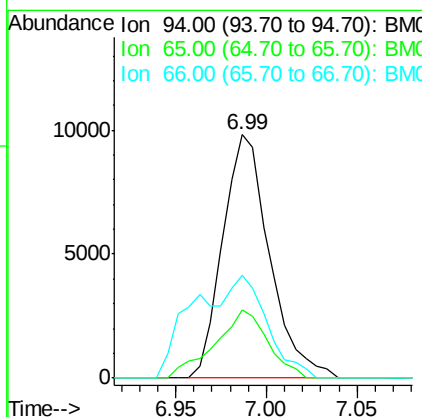
RT: 6.99 min Scan# 663

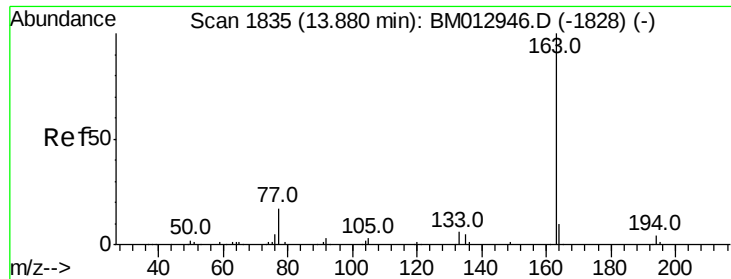
Delta R.T. -0.00 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Tgt Ion:	94	Resp:	17646
Ion	Ratio	Lower	Upper
94	100		
65	28.1	21.0	31.6
66	42.3	29.3	43.9





#44

Dimethylphthalate

Concen: 4.721 ng/ul

RT: 13.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

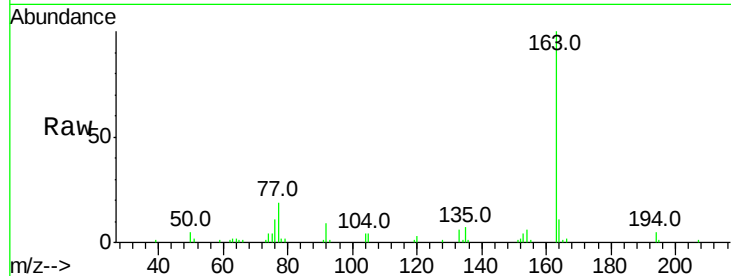
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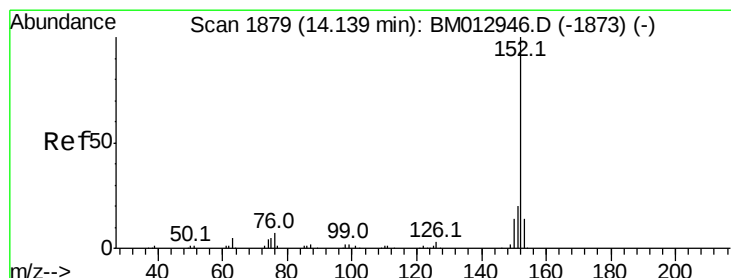
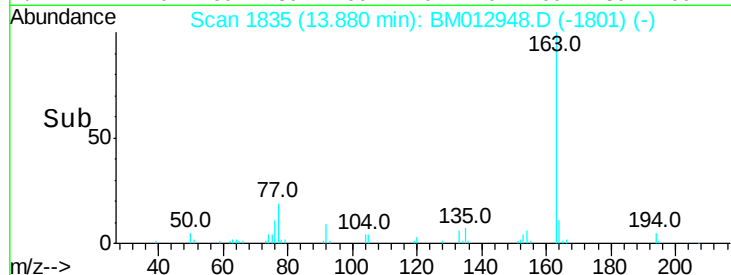
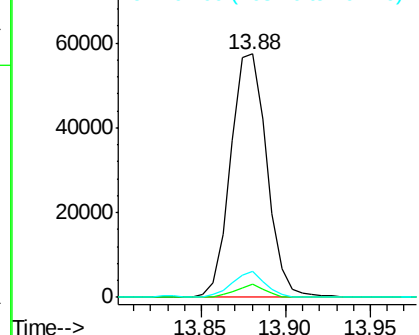
Tot Ion:	163	Resp:	85850
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.2	4.8#
164	10.7	7.8	11.8

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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



#47

Acenaphthylene

Concen: 4.232 ng/ul

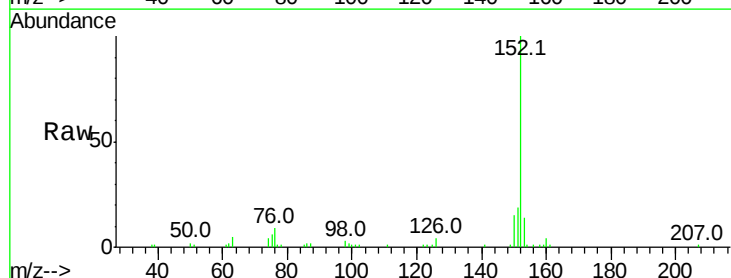
RT: 14.14 min Scan# 1880

Delta R.T. 0.01 min

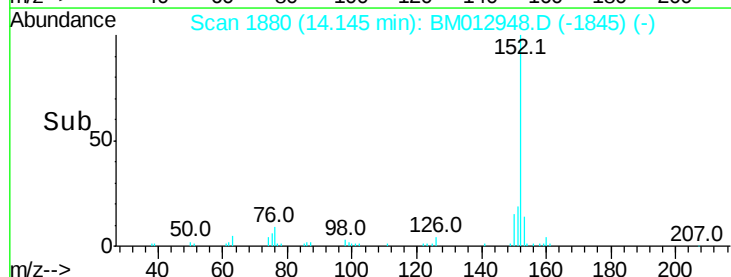
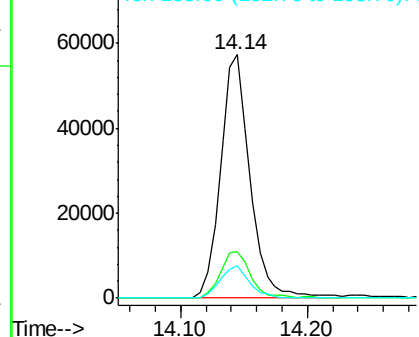
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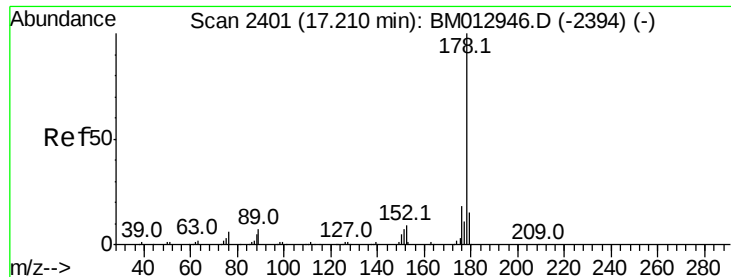
Acq: 13 Nov 2017 23:08

Tgt Ion:	152	Resp:	92982
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.7	23.5
153	13.6	10.5	15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





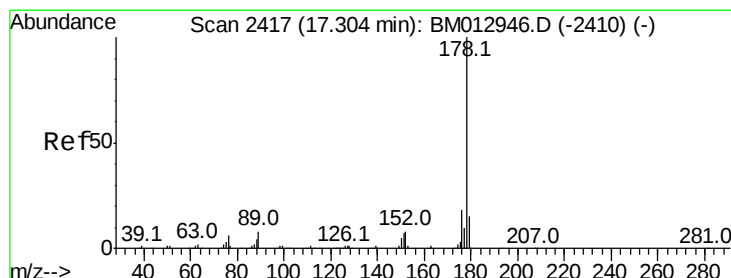
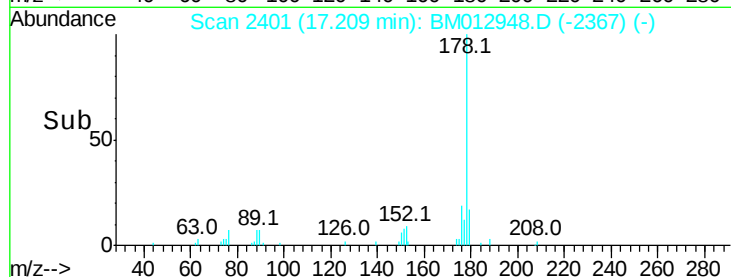
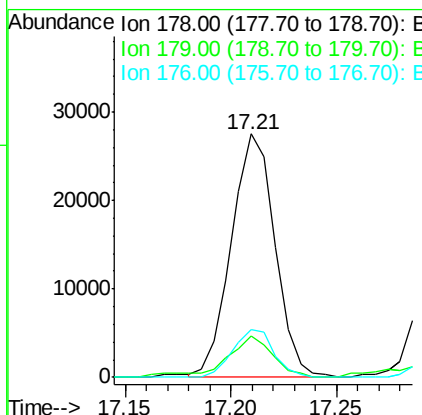
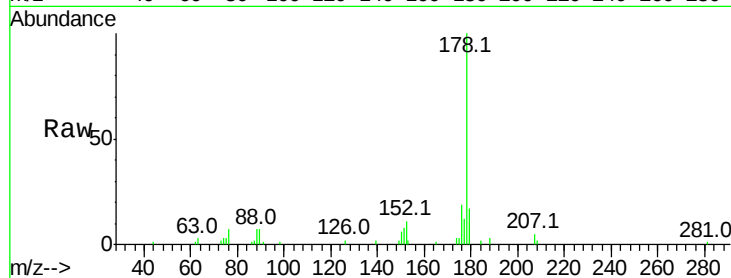
#69
Phenanthrene
Concen: 1.389 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_M
ClientSampleId :
B0FC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	19.5	15.6	23.4

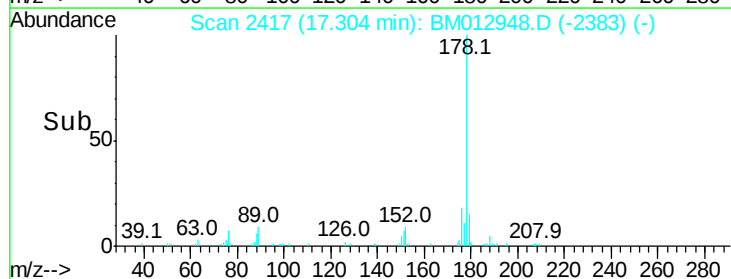
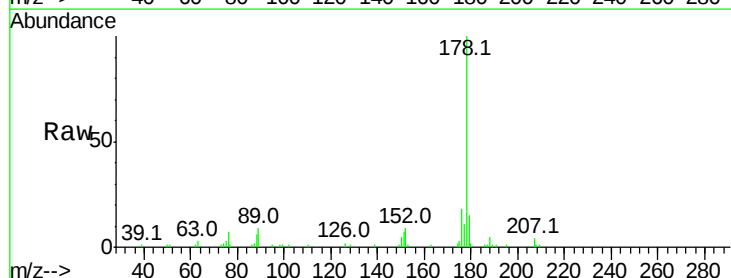
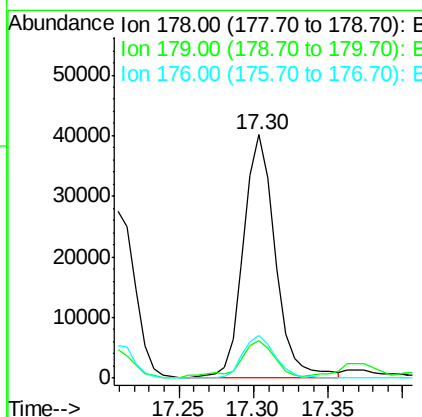
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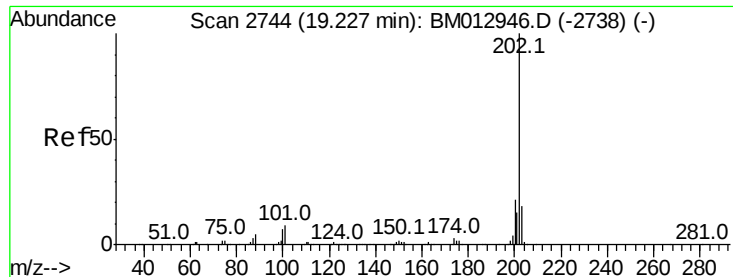
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#71
Anthracene
Concen: 2.031 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	17.7	14.8	22.2





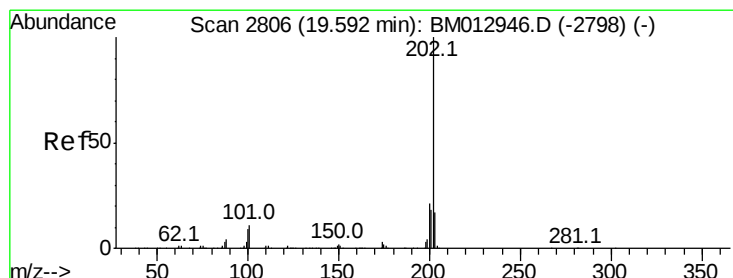
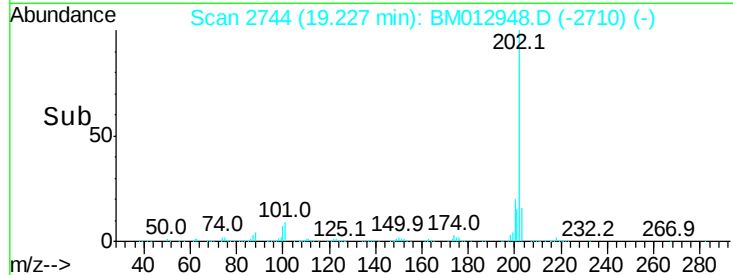
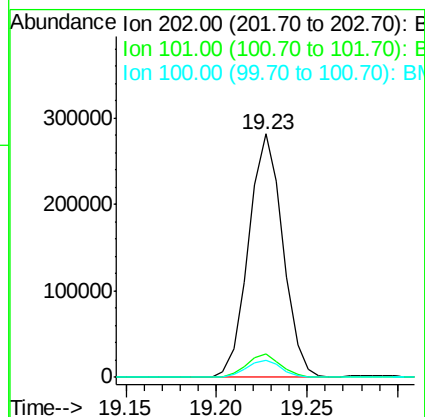
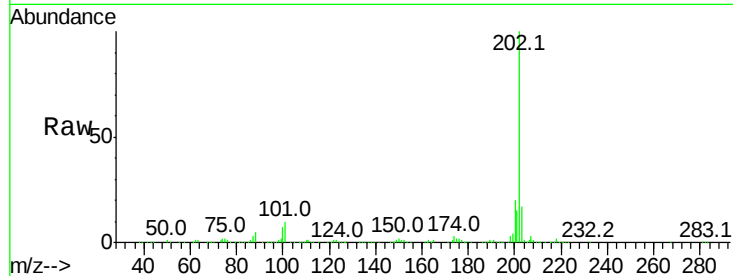
#76
Fluoranthene
Concen: 10.774 ng/ul
RT: 19.23 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_M
ClientSampleId :
B0FC6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	8.8	13.2
100	7.2	6.6	9.8

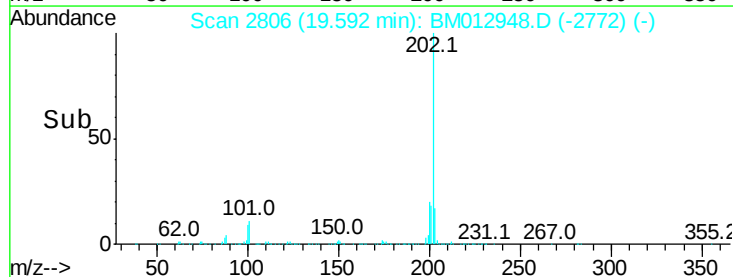
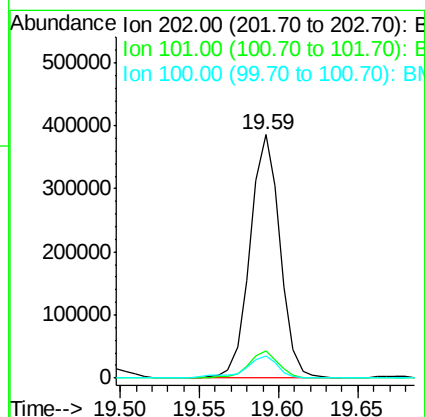
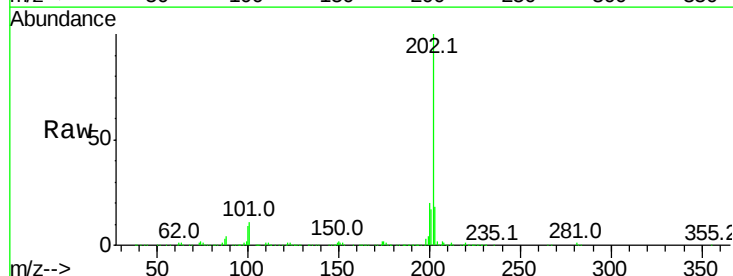
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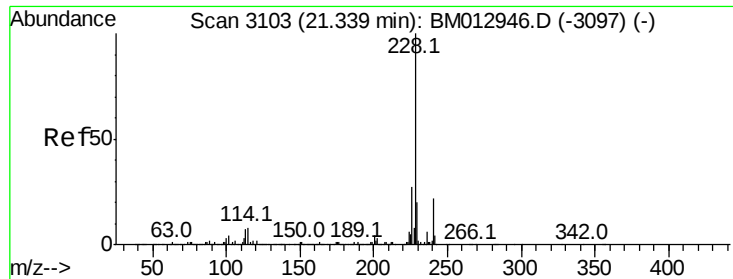
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#79
Pyrene
Concen: 13.020 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	10.2	15.2
100	8.9	8.5	12.7





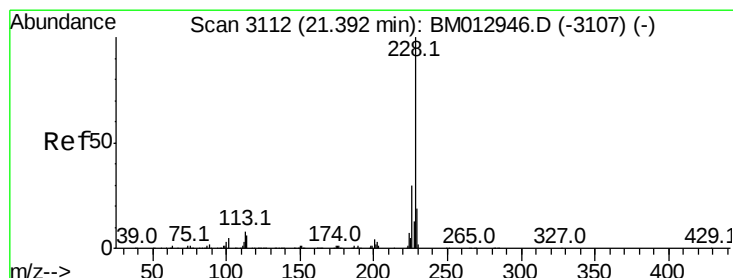
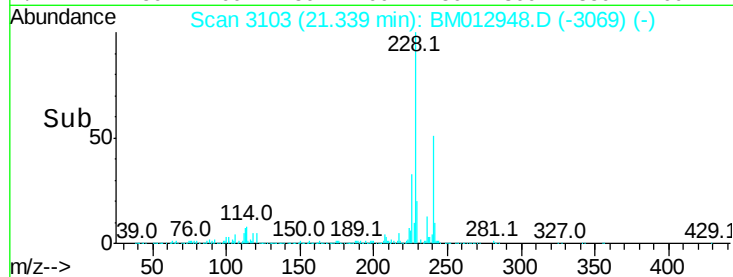
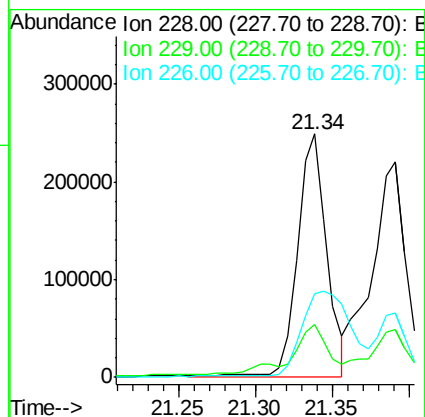
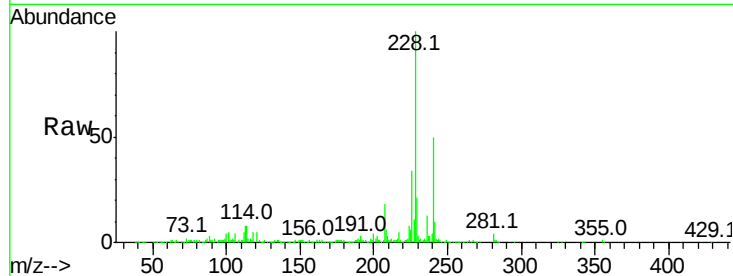
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Benzo(a)anthracene
Concen: 8.388 ng/ul m
RT: 21.34 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_M
ClientSampleId :
B0FC6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	34.2	21.8	32.6

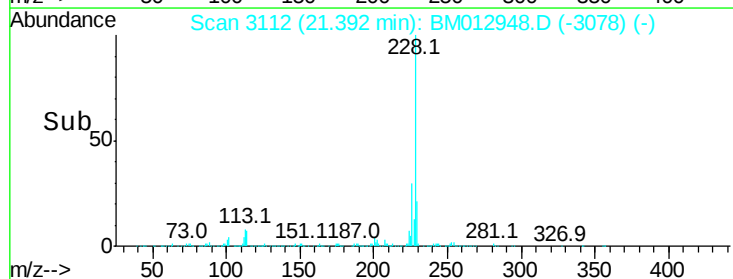
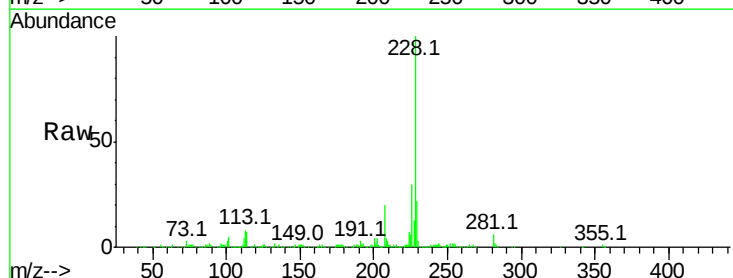
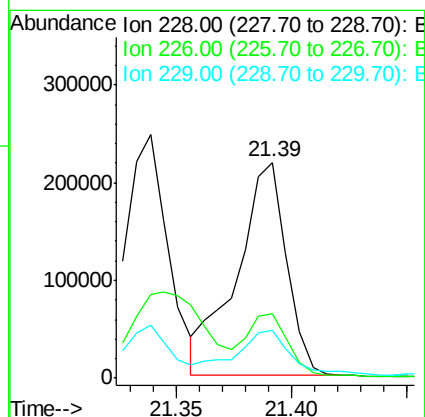
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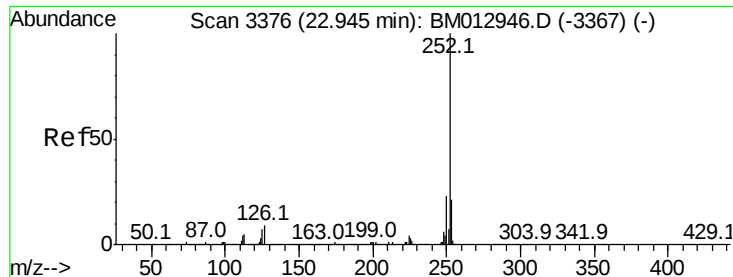
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#84
Chrysene
Concen: 9.256 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.4	15.6	23.4





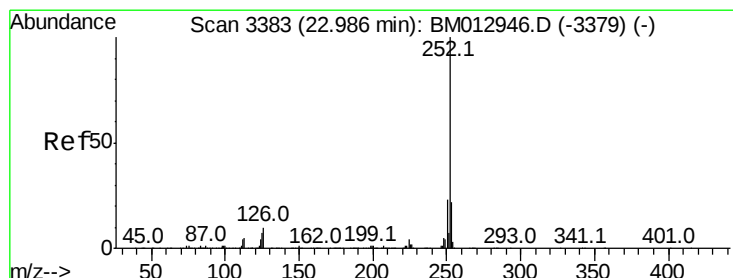
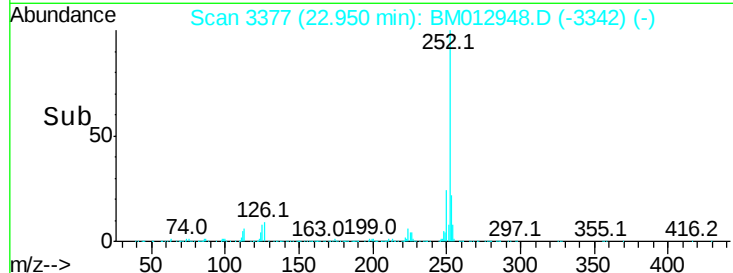
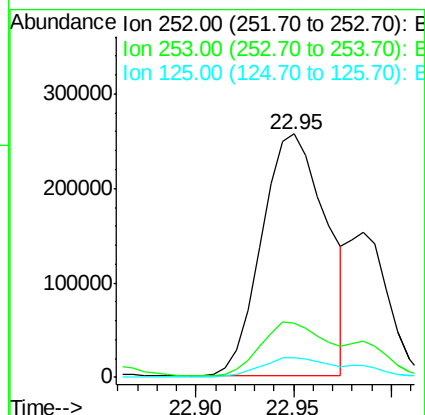
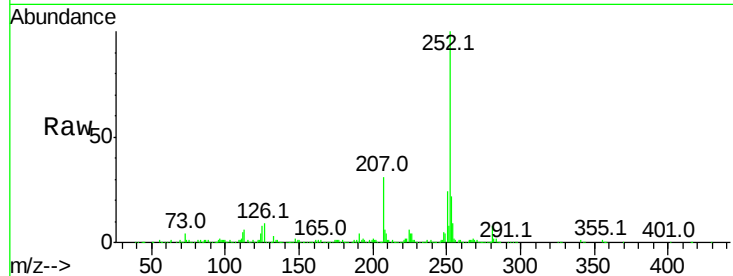
#87
Benzo(b)fluoranthene
Concen: 13.394 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_M
ClientSampleId :
B0FC6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.2	8.5	12.7#

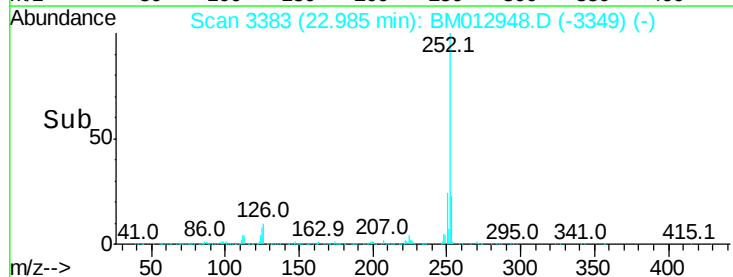
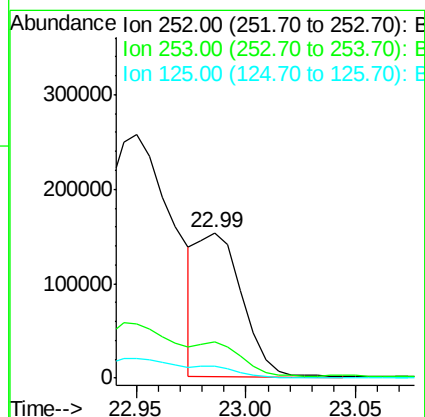
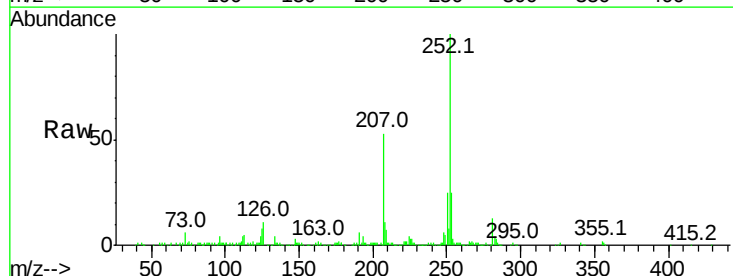
Manual Integrations
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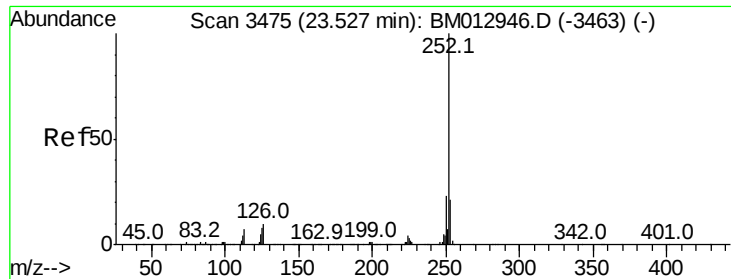
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#88
Benzo(k)fluoranthene
Concen: 5.099 ng/ul m
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	17.3	25.9
125	8.1	8.2	12.2#





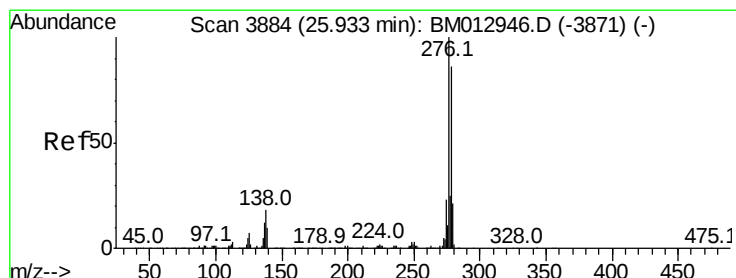
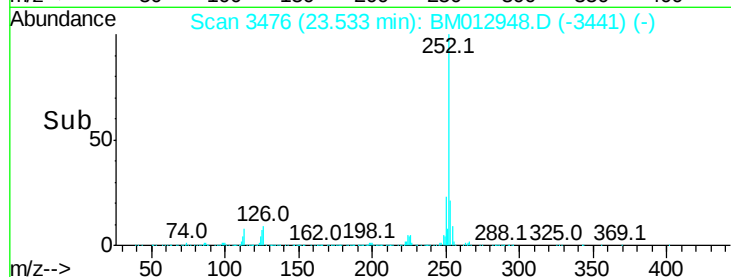
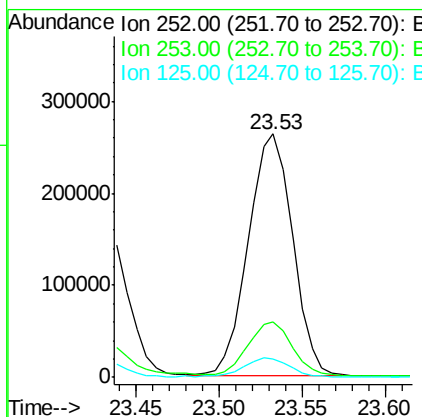
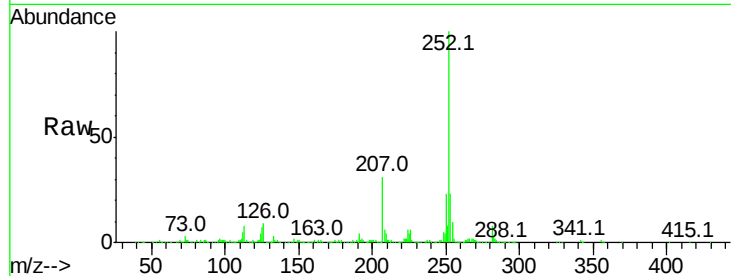
#90
Benzo(a)pyrene
Concen: 11.613 ng/ul m
RT: 23.53 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_M
ClientSampleId :
B0FC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	7.3	9.0	13.6#

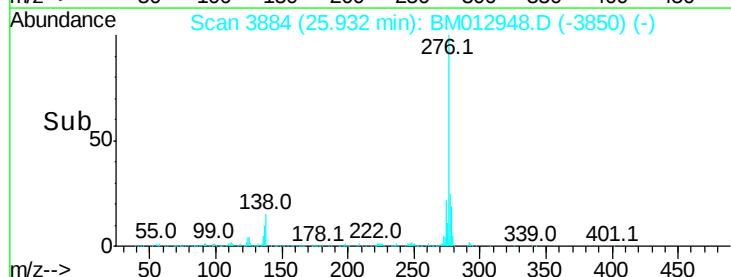
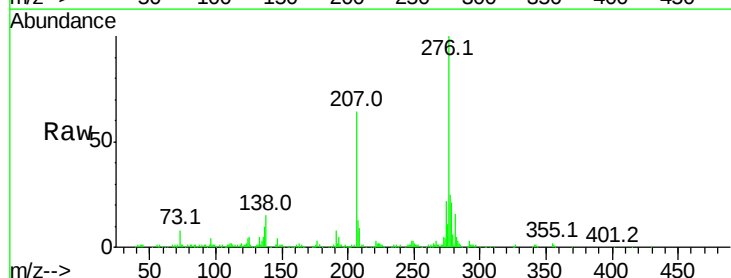
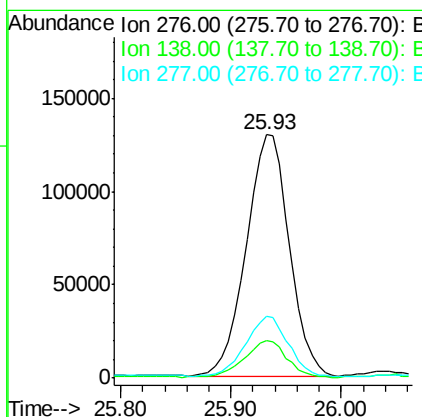
Manual Integrations
APPROVED

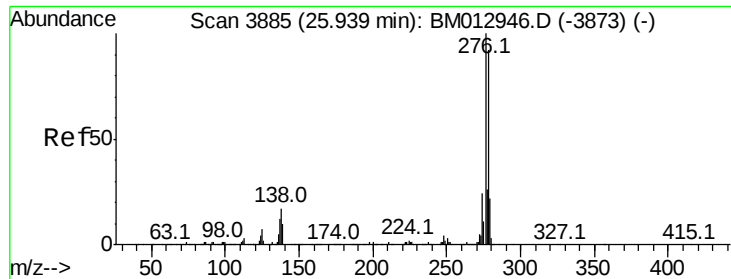
SOHIL
11/14/2017 5:24:18 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 7.010 ng/ul
RT: 25.93 min Scan# 3884
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	22.3	33.5#
277	25.1	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 2.203 ng/ul

RT: 25.93 min Scan# 3884

Delta R.T. -0.01 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

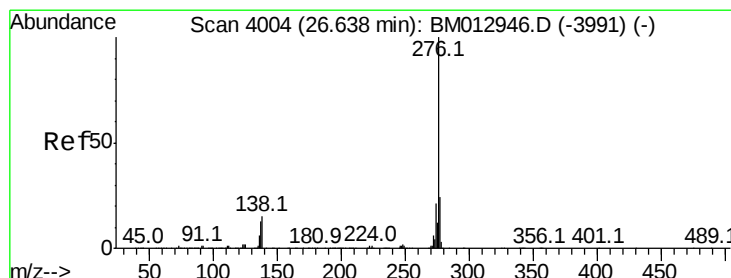
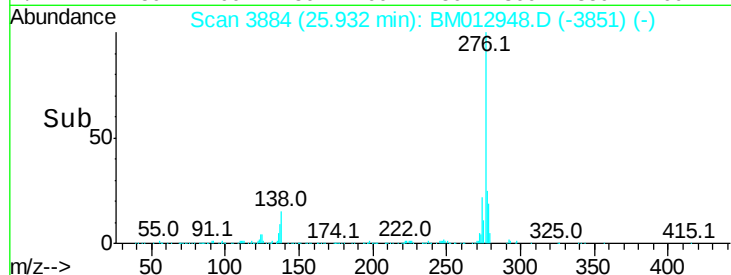
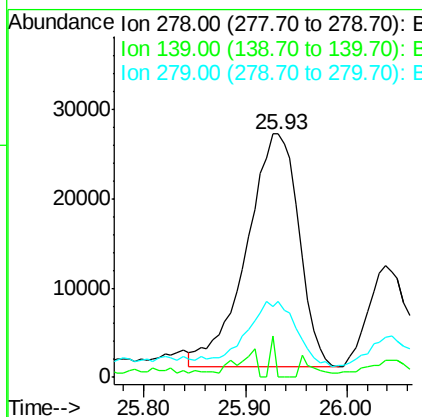
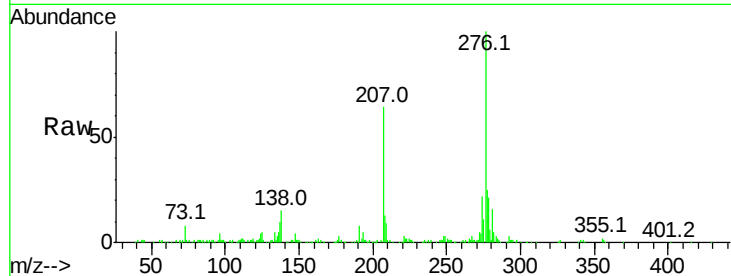
ClientSampleId :

B0FC6

Tot Ion:	278	Resp:	94105
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	31.1	19.0	28.4#

Manual Integrations
APPROVED

SOHIL
11/14/2017 5:24:18 PM



#93

Benzo(g,h,i)perylene

Concen: 7.014 ng/ul

RT: 26.64 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Tgt Ion:	276	Resp:	291620
Ion Ratio	Lower	Upper	
276	100		
138	15.0	18.9	28.3#
277	24.2	19.2	28.8

