

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011916.D
 Acq On : 05 Oct 2017 06:44
 Operator : SJ/JU
 Sample : I5414-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BP5

Manual Integrations
 APPROVED

Sohil
 10/5/2017 6:18:12 PM

Quant Time: Oct 05 08:46:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 08:36:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	373988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1708665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1037327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2296806	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1872589	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1622396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	30067	3.80	ng/uL	0.00
5) Phenol-d5	7.03	99	668795	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	425965	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	601821	23.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	564133	20.28	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	301368	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	346704	25.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	644403	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	769323	25.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2224238	24.74	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	2624676	24.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	247867	15.78	ng/ul	0.00
57) Fluorene-d10	15.51	176	1942232	24.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	178464	11.55	ng/ul	0.00
70) Anthracene-d10	17.36	188	3104918	27.43	ng/ul	0.00
76) Pyrene-d10	19.65	212	3287711	38.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	2169688	27.80	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.06	94	53984	1.695	ng/ul	91
44) Dimethylphthalate	13.97	163	979405	11.324	ng/ul	100
69) Phenanthrene	17.30	178	910449	7.206	ng/ul	99
71) Anthracene	17.39	178	183592	1.428	ng/ul	97
74) Fluoranthene	19.32	202	1622575	10.526	ng/ul#	90
77) Pyrene	19.68	202	1522314	14.662	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	675107	6.293	ng/ul	97
82) Chrysene	21.47	228	690498	6.774	ng/ul	95
85) Benzo(b)fluoranthene	23.06	252	724510	7.347	ng/ul#	96
86) Benzo(k)fluoranthene	23.09	252	249988m	2.539	ng/ul	
88) Benzo(a)pyrene	23.66	252	509435	5.376	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.14	276	331059	3.265	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.14	278	84696	1.017	ng/ul#	69
91) Benzo(g,h,i)perylene	26.87	276	281969	3.362	ng/ul#	92

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

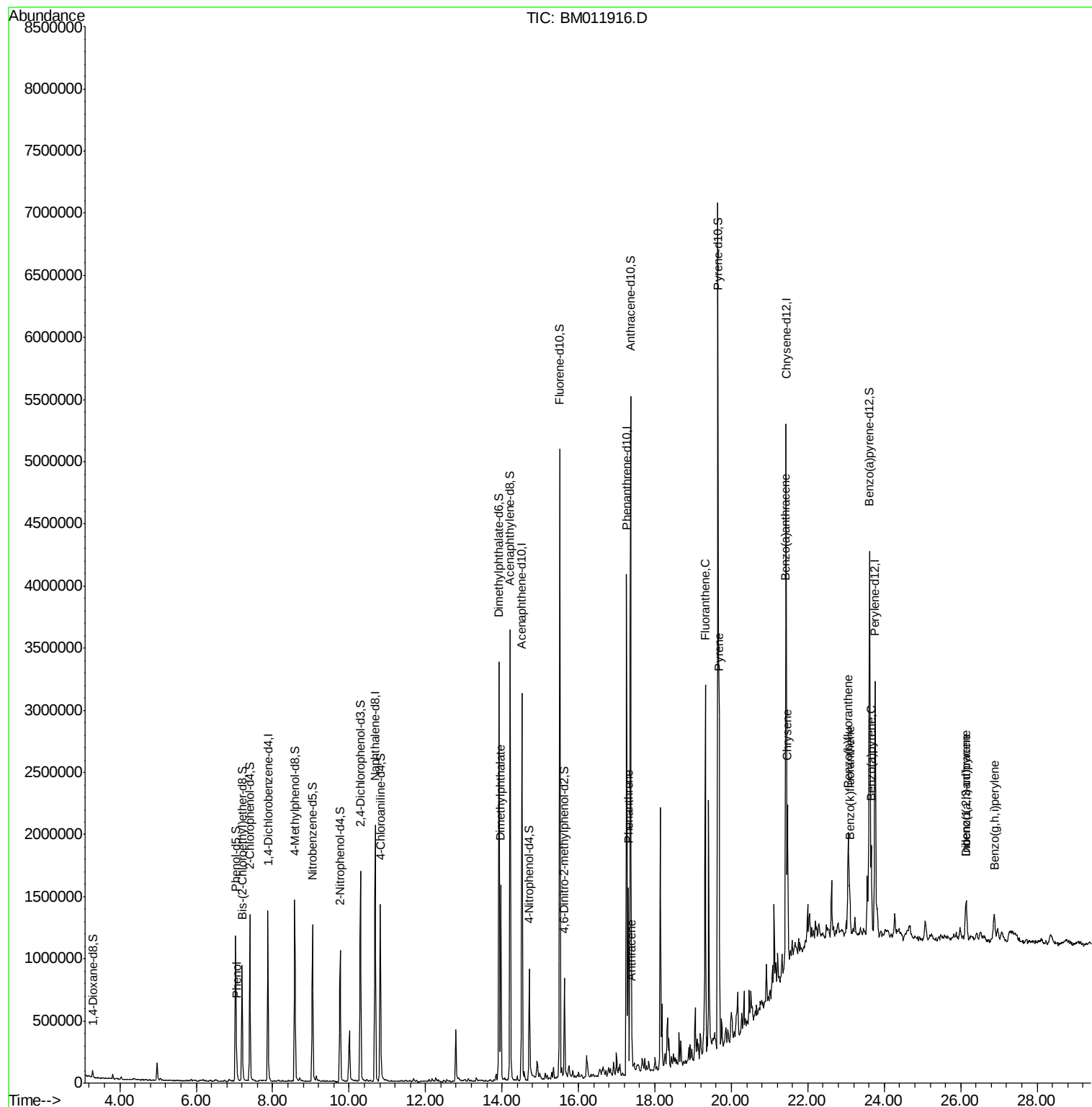
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011916.D
Acq On : 05 Oct 2017 06:44
Operator : SJ/JU
Sample : I5414-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

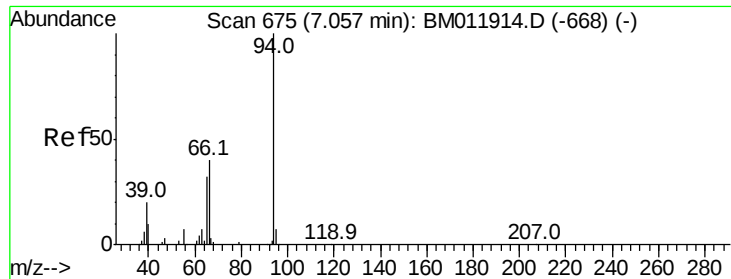
Instrument :
BNA_M
ClientSampleId :
B0BP5

Manual Integrations
APPROVED

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10/5/2017 6:18:12 PM

Quant Time: Oct 05 08:46:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 08:36:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.695 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

ClientSampled :

B0BP5

Tot Ion: 94 Resp: 53984

Ion Ratio Lower Upper

94 100

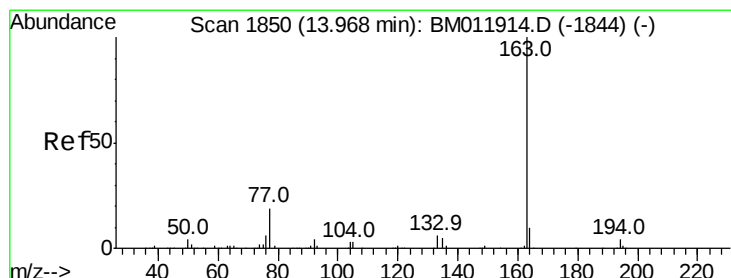
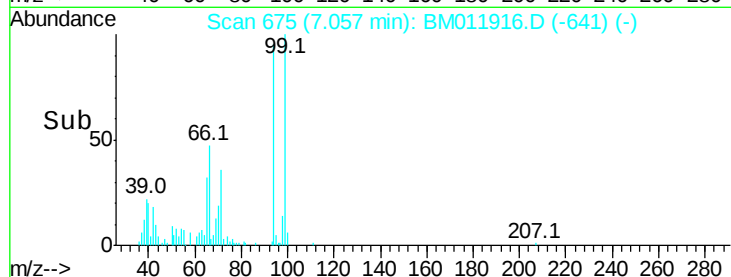
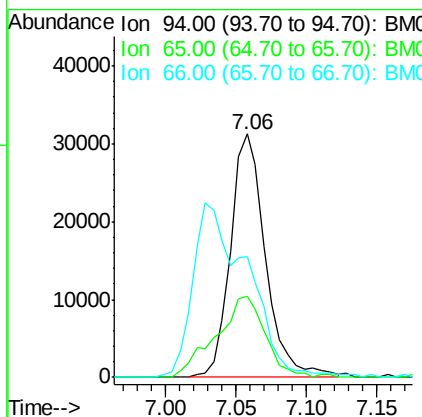
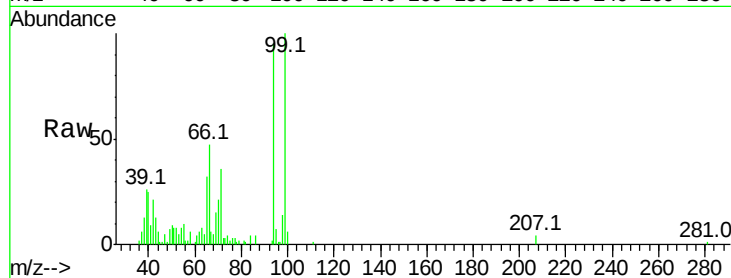
65 33.4 28.2 42.4

66 49.6 47.2 70.8

Manual Integrations
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#44

Dimethylphthalate

Concen: 11.324 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

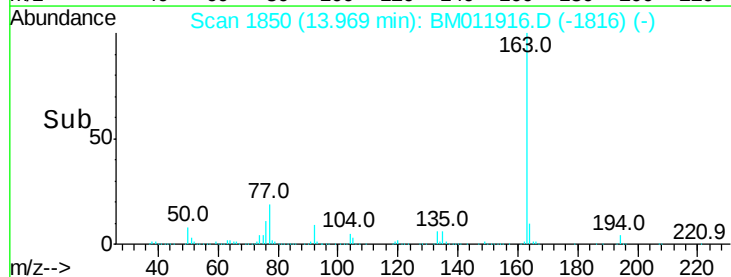
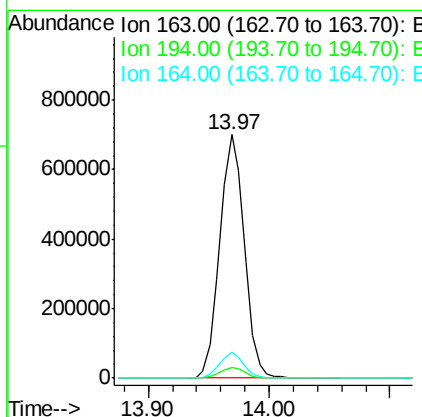
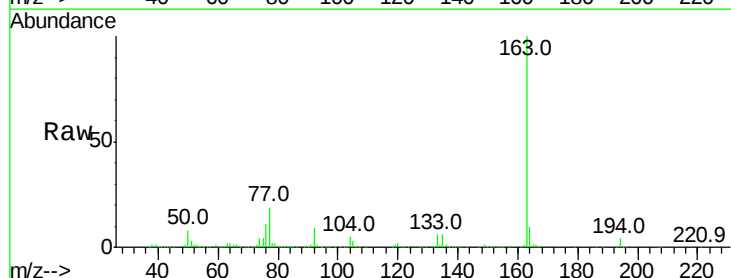
Tgt Ion: 163 Resp: 979405

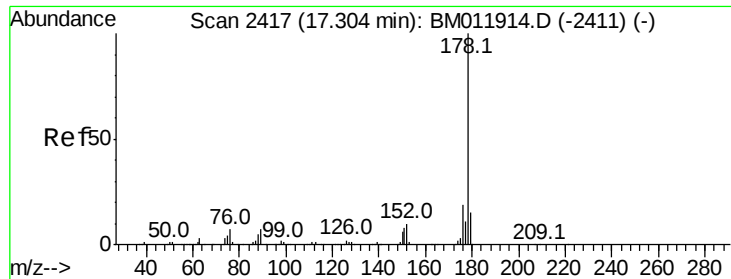
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.4 8.2 12.4





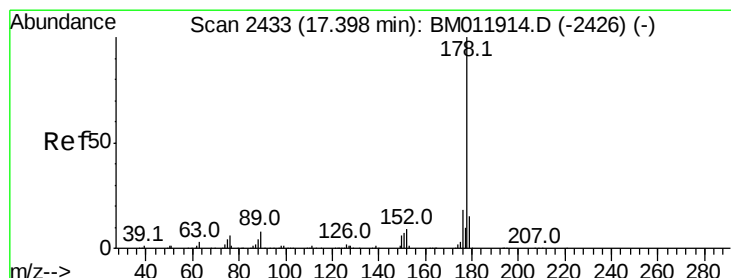
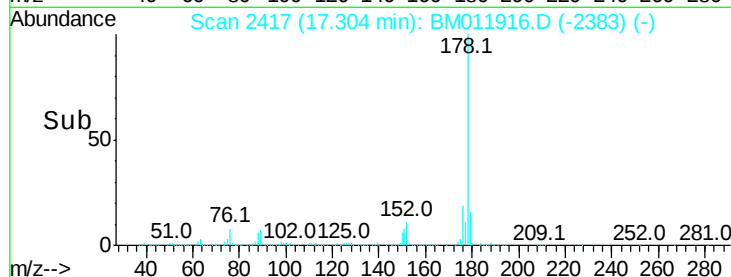
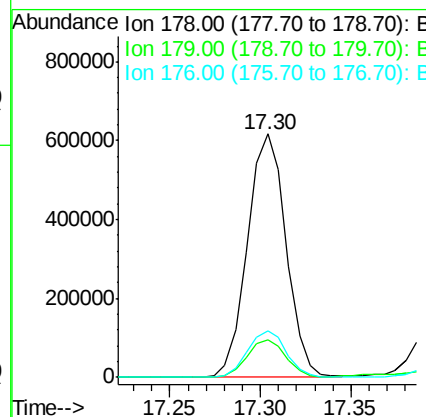
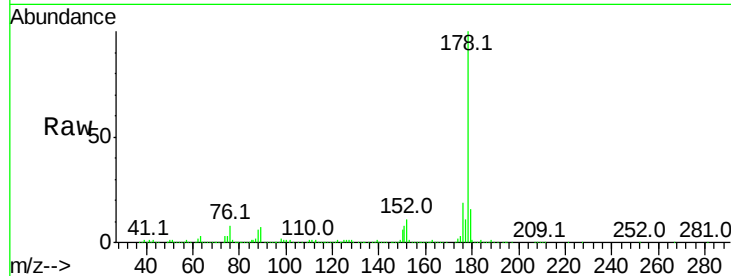
#69
Phenanthrene
Concen: 7.206 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Instrument :
BNA_M
ClientSampleId :
B0BP5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.1	14.9	22.3

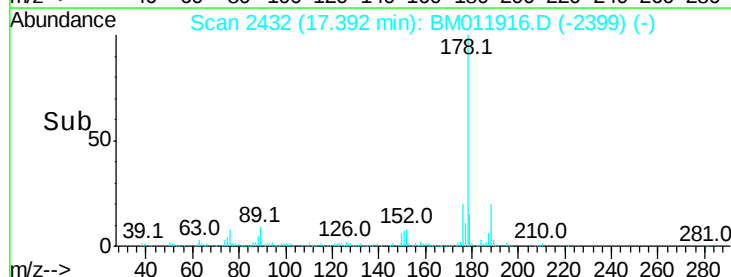
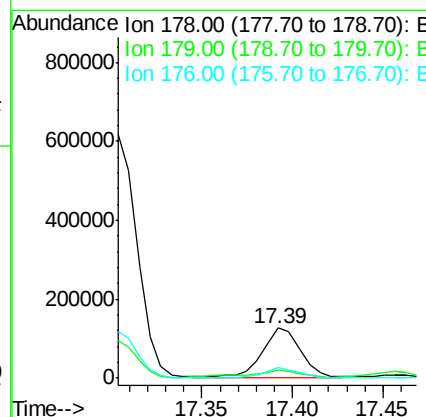
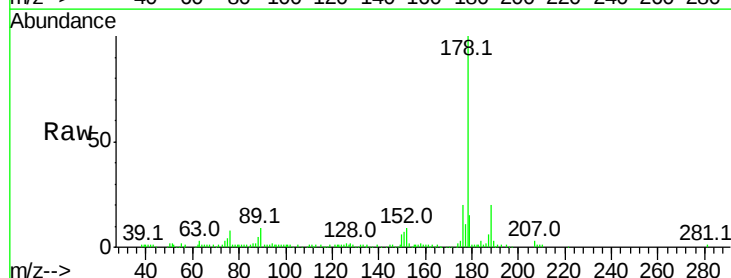
Manual Integrations
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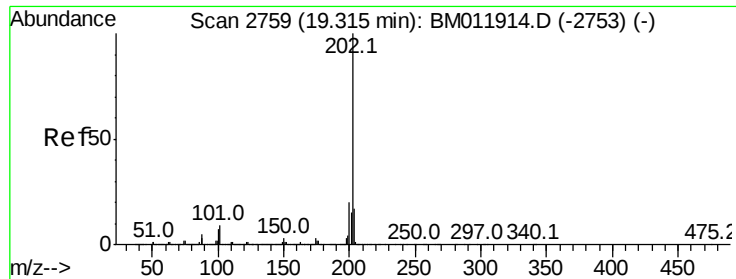
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#71
Anthracene
Concen: 1.428 ng/ul
RT: 17.39 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	20.1	14.6	21.8





#74

Fluoranthene

Concen: 10.526 ng/ul

RT: 19.32 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

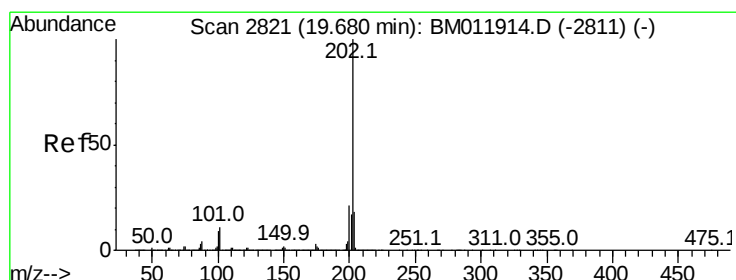
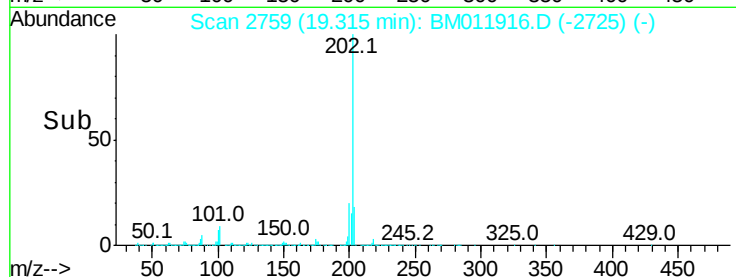
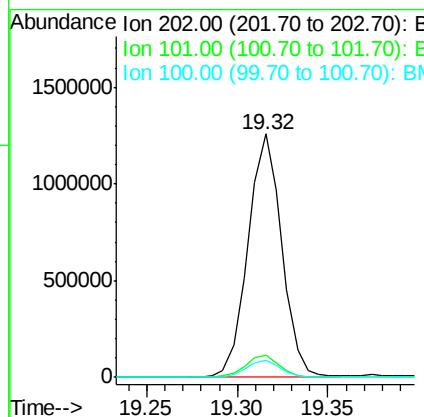
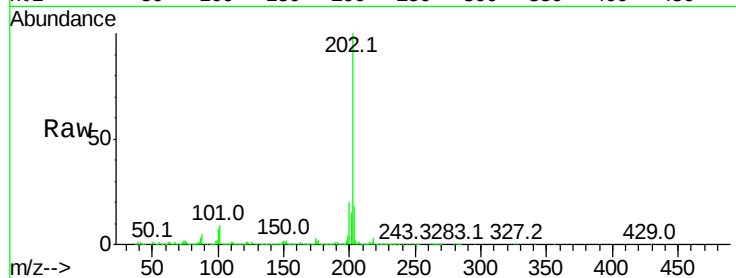
ClientSampleId :

B0BP5

Tot Ion:	202	Resp:	1622575
Ion Ratio	Lower	Upper	
202	100		
101	9.3	4.6	7.0#
100	7.0	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 14.662 ng/ul

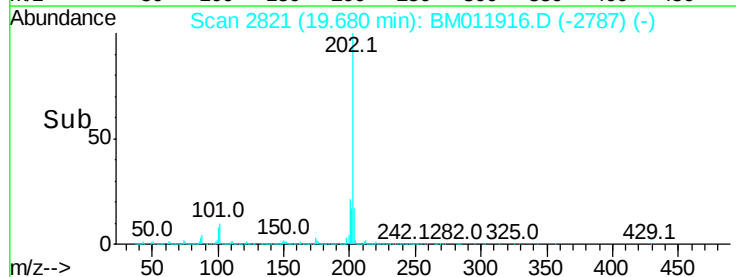
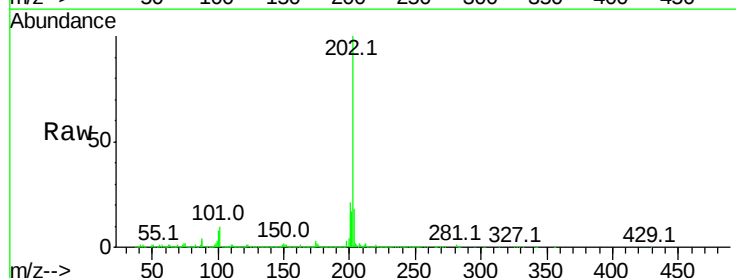
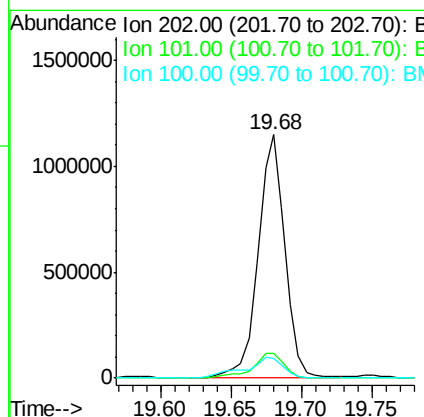
RT: 19.68 min Scan# 2821

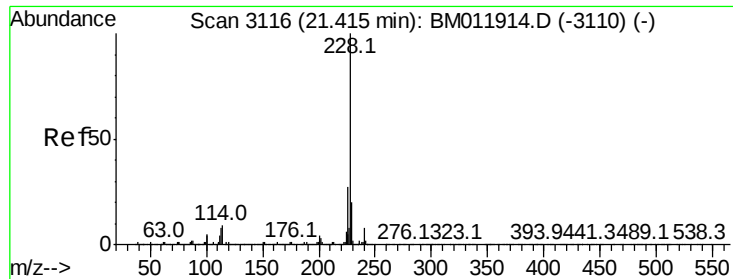
Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Tgt Ion:	202	Resp:	1522314
Ion Ratio	Lower	Upper	
202	100		
101	10.4	5.1	7.7#
100	8.3	4.9	7.3#





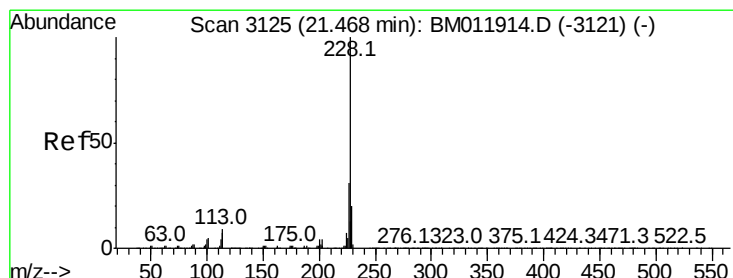
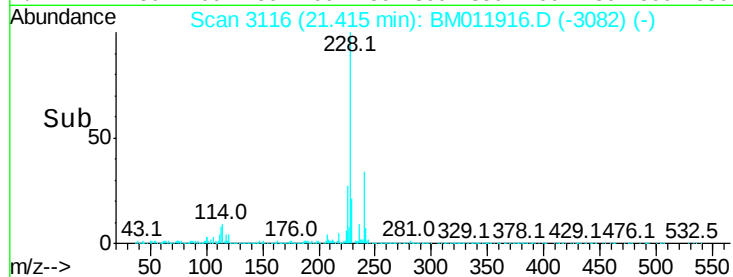
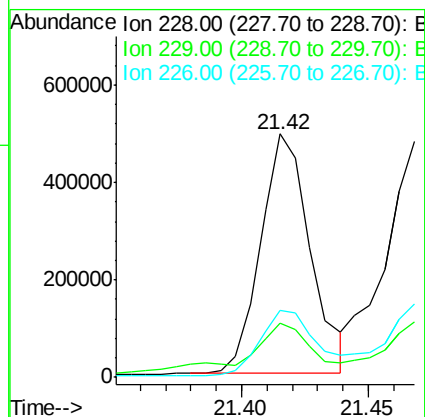
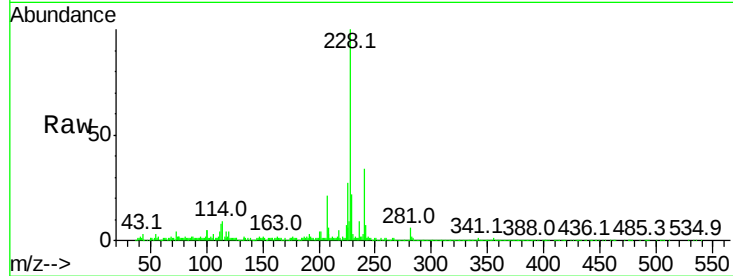
#80
Benzo(a)anthracene
Concen: 6.293 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Instrument :
BNA_M
ClientSampleId :
B0BP5

Tot Ion:228	Resp:	675107
Ion Ratio	Lower	Upper
228 100		
229 22.2	15.4	23.0
226 27.3	21.4	32.0

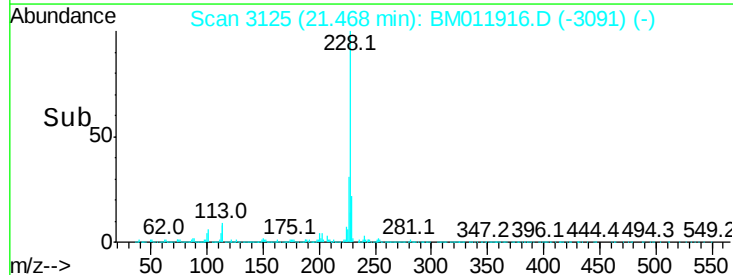
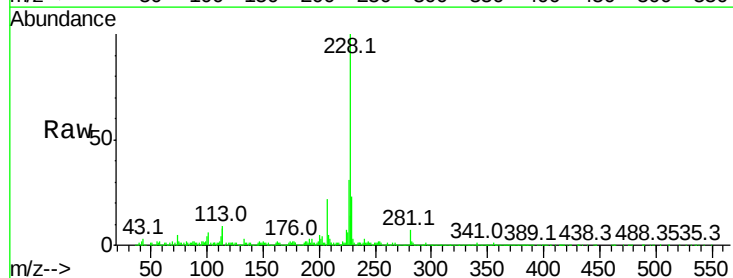
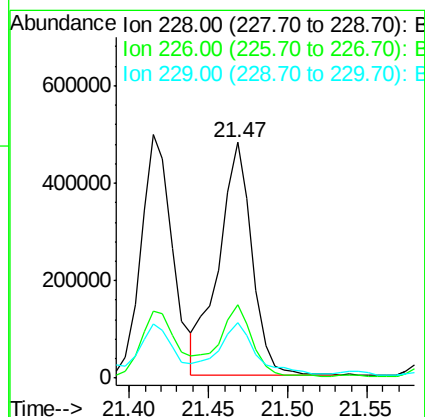
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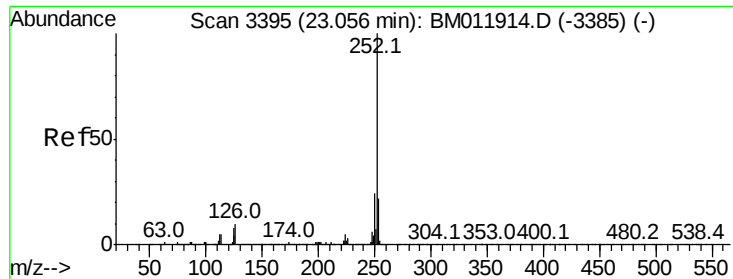
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#82
Chrysene
Concen: 6.774 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion:228	Resp:	690498
Ion Ratio	Lower	Upper
228 100		
226 30.9	23.4	35.2
229 23.3	15.5	23.3





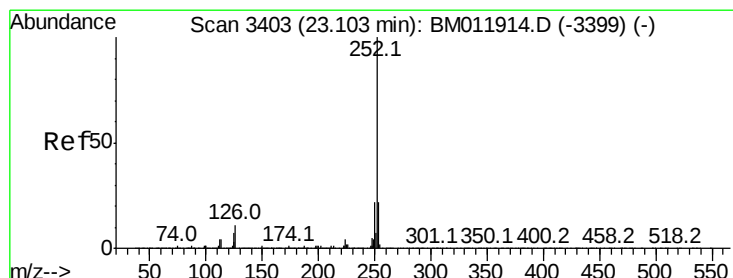
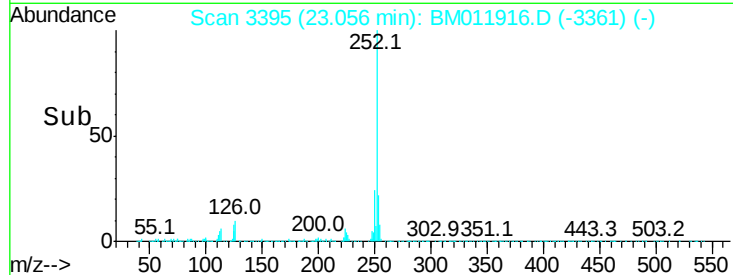
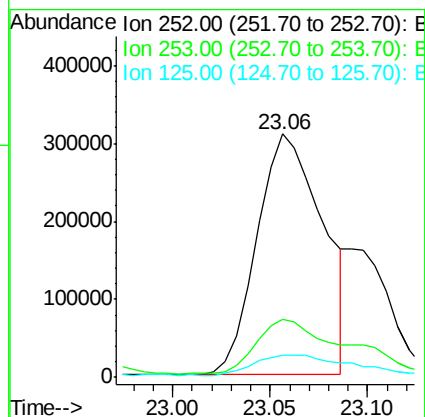
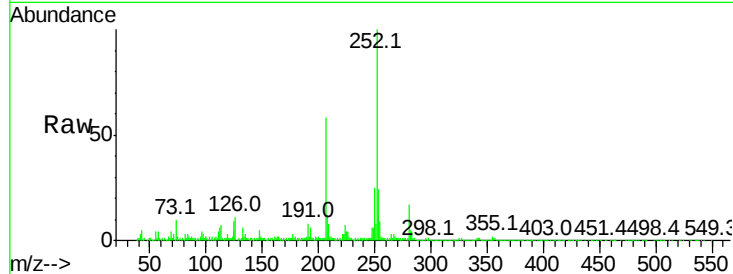
#85
Benzo(b)fluoranthene
Concen: 7.347 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Instrument :
BNA_M
ClientSampleId :
B0BP5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	9.0	3.6	5.4

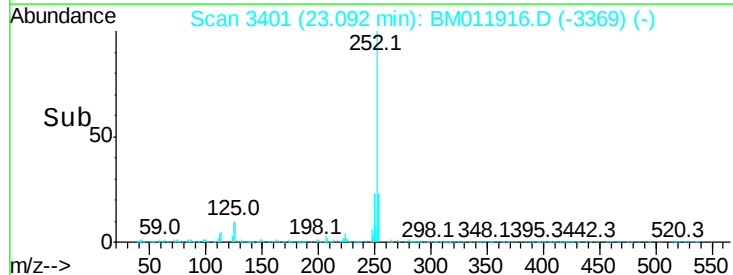
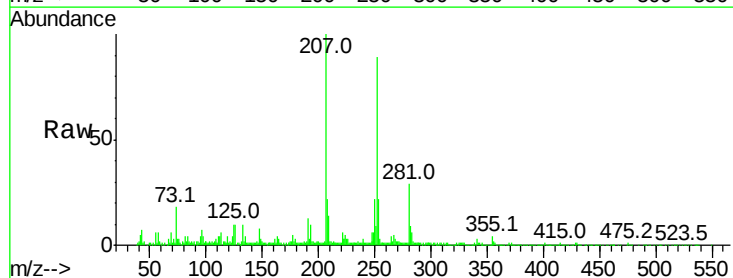
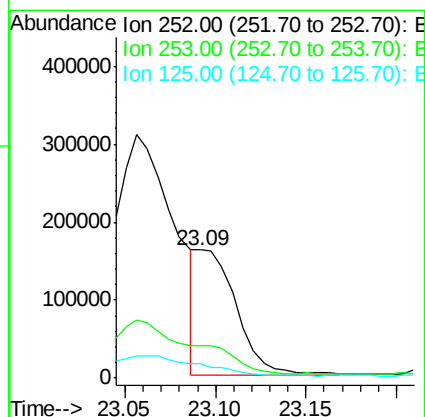
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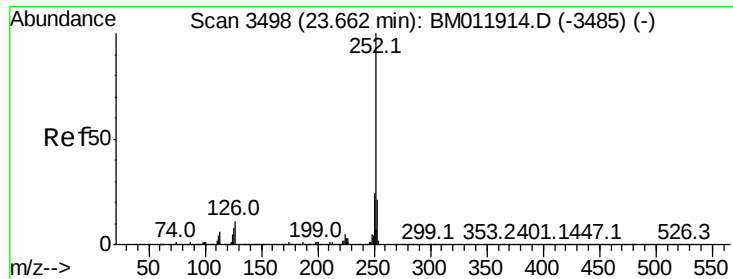
Sohil
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#86
Benzo(k)fluoranthene
Concen: 2.539 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	11.4	3.4	5.2





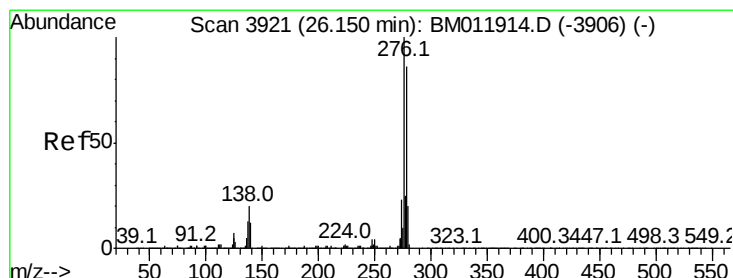
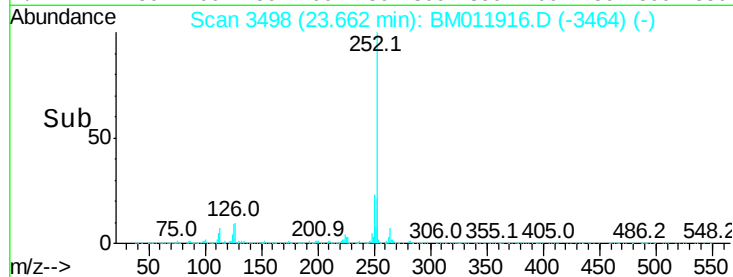
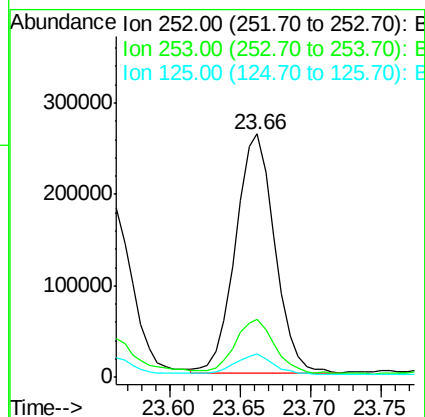
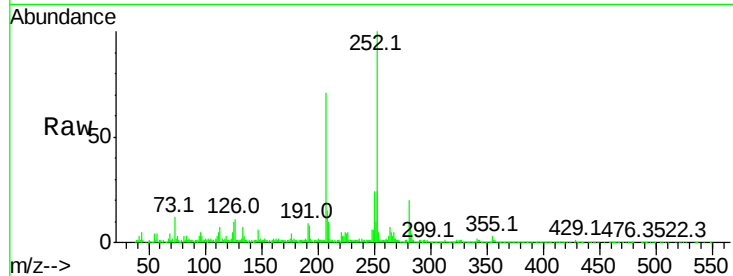
#88
Benzo(a)pyrene
Concen: 5.376 ng/ul
RT: 23.66 min Scan# 3498
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Instrument :
BNA_M
ClientSampleId :
B0BP5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	18.2	27.2
125	9.9	4.0	6.0#

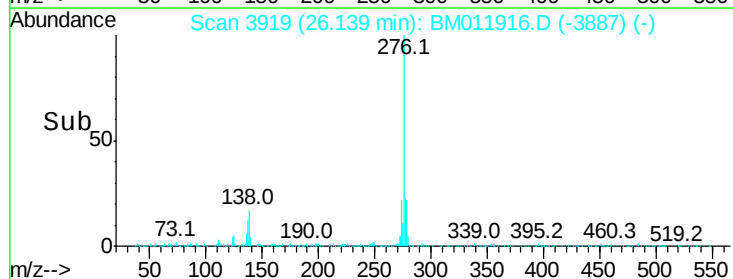
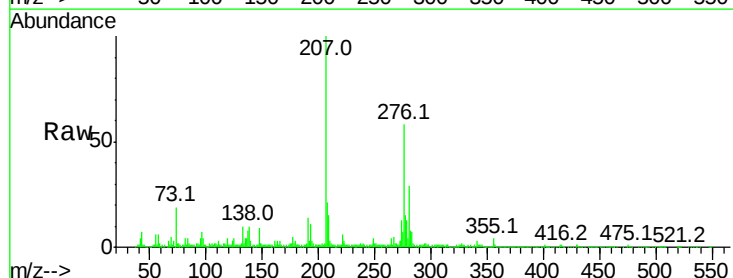
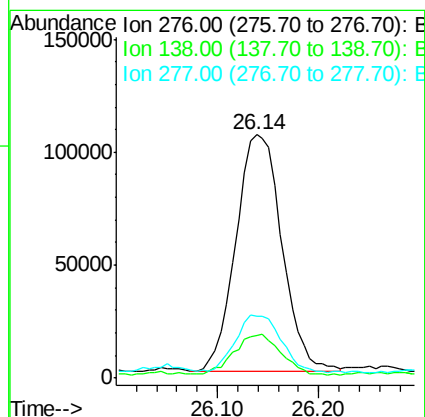
Manual Integrations
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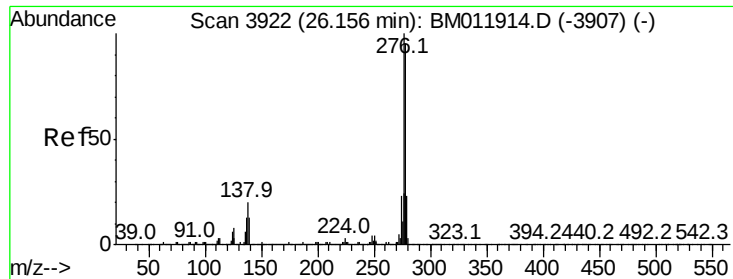
Sohil
10/5/2017 6:18:12 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 3.265 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.4	9.3	13.9#
277	25.2	19.9	29.9





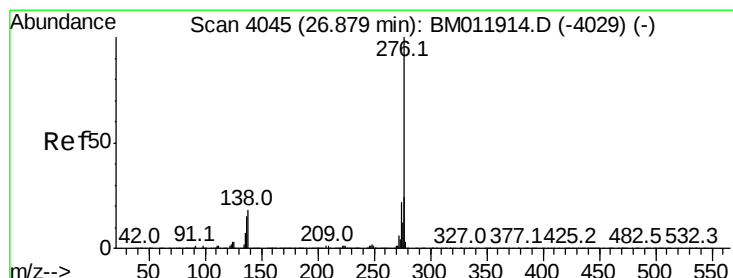
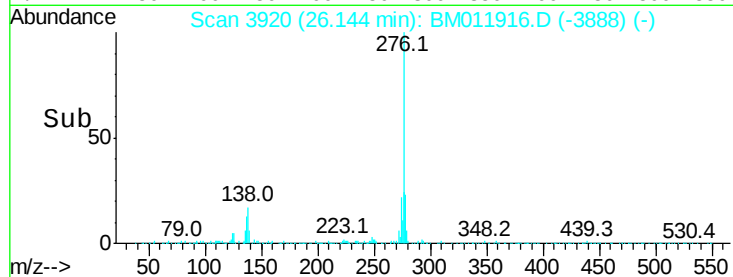
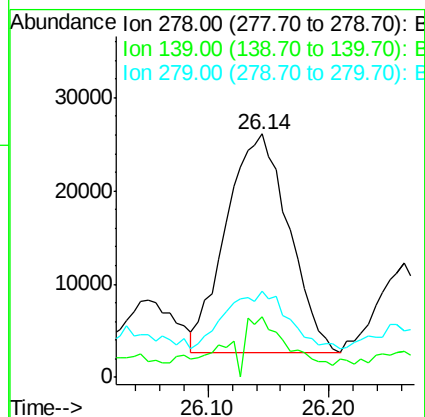
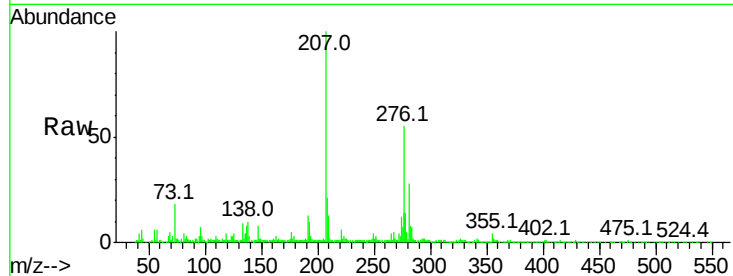
#90
Dibenzo(a,h)anthracene
Concen: 1.017 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Instrument :
BNA_M
ClientSampleId :
B0BP5

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.7	5.8	8.8#
279	35.5	18.6	27.8#

Manual Integrations
APPROVED

Sohil
10/5/2017 6:18:12 PM



#91
Benzo(g,h,i)perylene
Concen: 3.362 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	8.5	12.7#
277	24.1	18.6	28.0

