

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012462.D
 Acq On : 26 Oct 2017 02:01
 Operator : SJ/JU
 Sample : I5786-14 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-66(2.5-4.5) 101017

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:28 AM

Quant Time: Oct 26 13:32:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	603356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2487602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1536530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3299173	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2567972	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2801199	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	32592	2.76	ng/uL	0.00
5) Phenol-d5	7.05	99	665817	13.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	418374	13.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	531246	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	557273	12.94	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	265671	17.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	281648	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	593405	13.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	570930	12.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1983764	14.78	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2397785	15.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	64263	3.22	ng/ul	0.00
57) Fluorene-d10	15.50	176	1657527	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21166	1.33	ng/ul	0.00
70) Anthracene-d10	17.35	188	2405547	15.30	ng/ul	0.00
76) Pyrene-d10	19.64	212	2206397	18.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2034620	15.29	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.08	94	155099	2.955	ng/ul#	89
44) Dimethylphthalate	13.96	163	1332767m	10.038	ng/ul	
69) Phenanthrene	17.29	178	1074549	6.023	ng/ul	99
73) Di-n-butylphthalate	18.22	149	5759372	29.567	ng/ul	98
74) Fluoranthene	19.30	202	2263399	11.196	ng/ul#	94
77) Pyrene	19.67	202	2088395	14.301	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	943836	6.138	ng/ul	97
82) Chrysene	21.46	228	1052345	7.697	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	1601433	9.248	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	478785m	2.938	ng/ul	
88) Benzo(a)pyrene	23.63	252	1109877	6.722	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.08	276	923263	4.752	ng/ul	97
90) Dibenzo(a,h)anthracene	26.09	278	232286	1.410	ng/ul#	83
91) Benzo(g,h,i)perylene	26.80	276	777295	4.936	ng/ul#	93

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

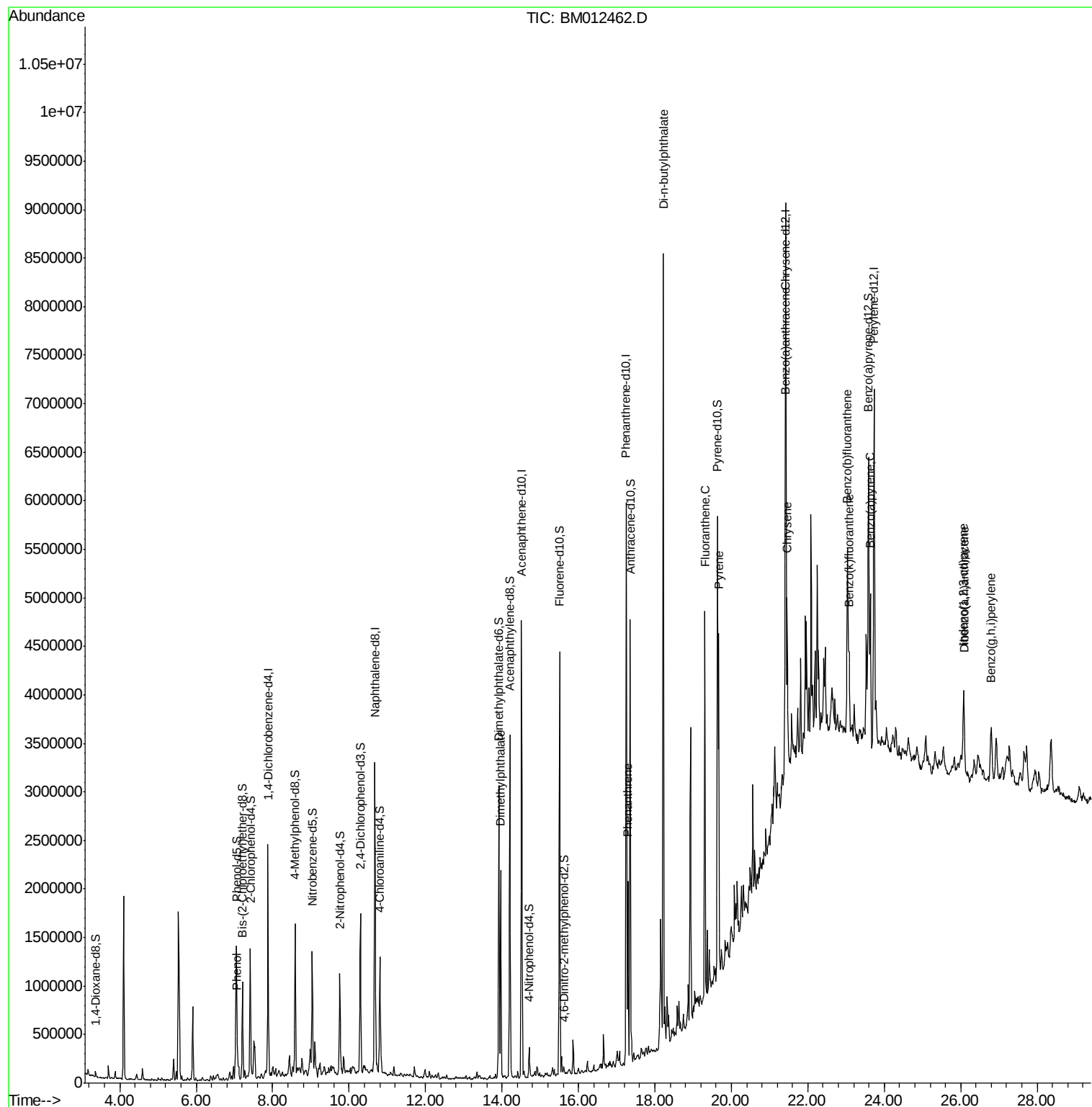
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

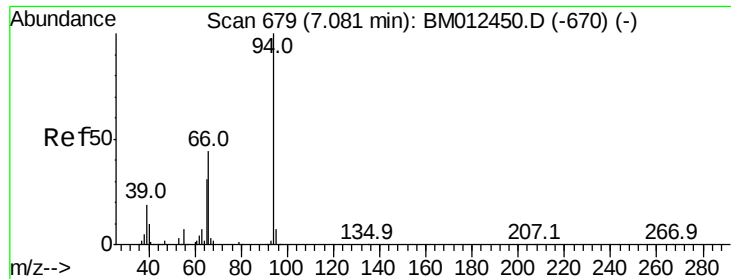
Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

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Quant Time: Oct 26 13:32:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.955 ng/ul

RT: 7.08 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

B-66(2.5-4.5) 101017

Tot Ion: 94 Resp: 155099

Ion Ratio Lower Upper

94 100

65 33.9 28.2 42.4

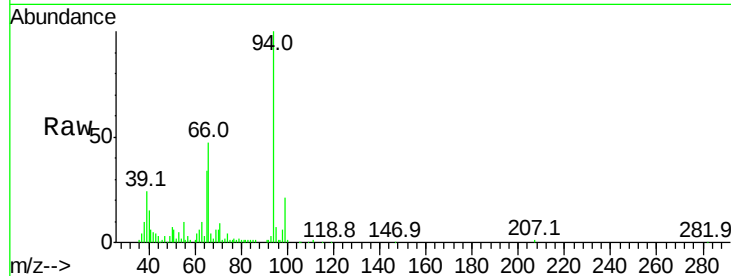
66 46.8 47.2 70.8#

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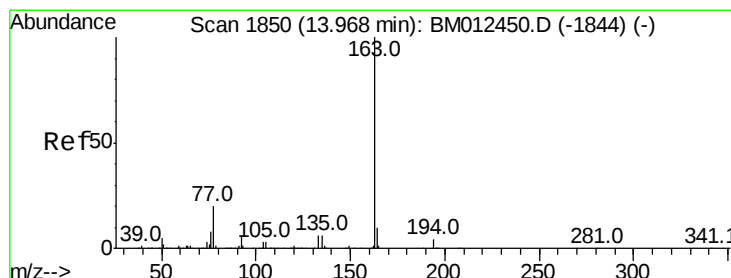
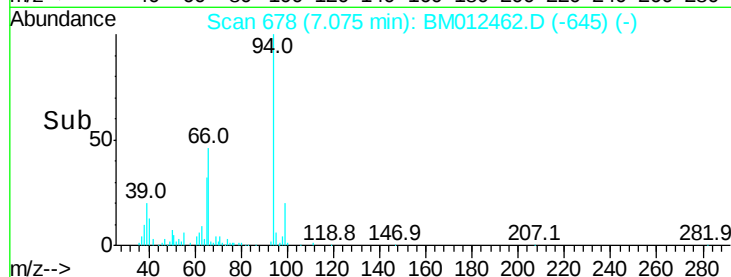
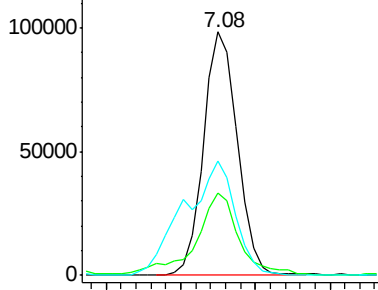
10/27/2017 8:54:28 AM



Abundance Ion 94.00 (93.70 to 94.70): BM012450.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM012450.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM012450.D (-670) (-)



#44

Dimethylphthalate

Concen: 10.038 ng/ul m

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

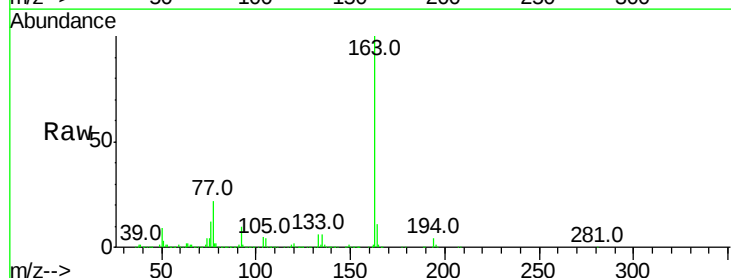
Tgt Ion:163 Resp: 1332767

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

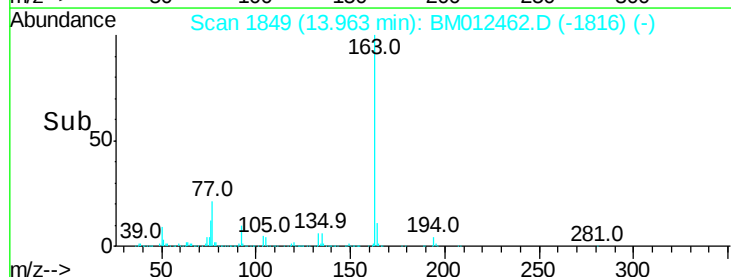
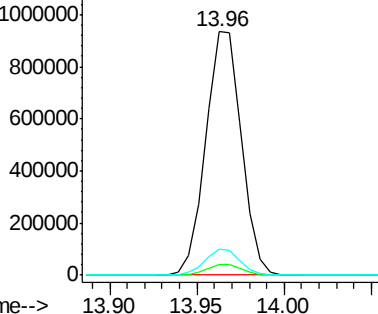
164 10.6 8.2 12.4

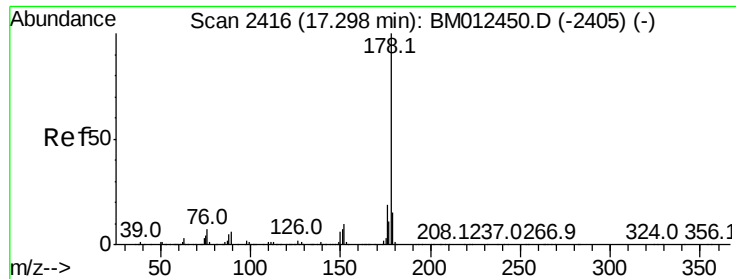


Abundance Ion 163.00 (162.70 to 163.70): BM012450.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM012450.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM012450.D (-1844) (-)





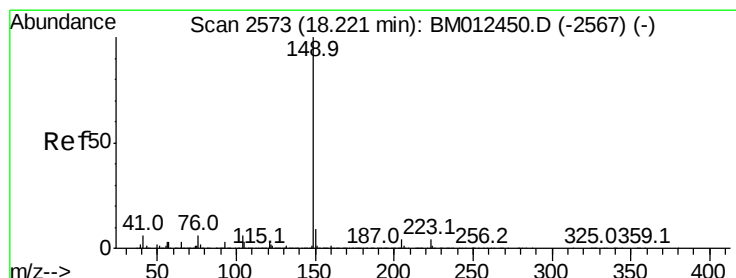
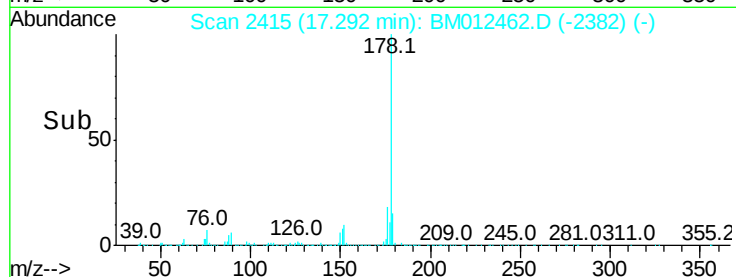
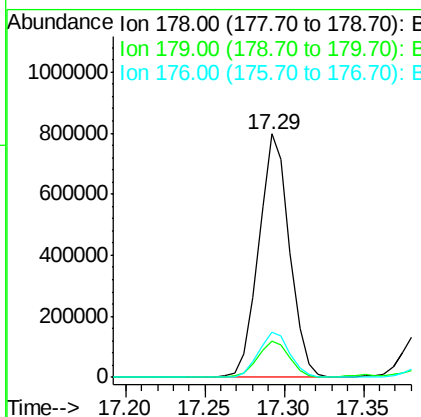
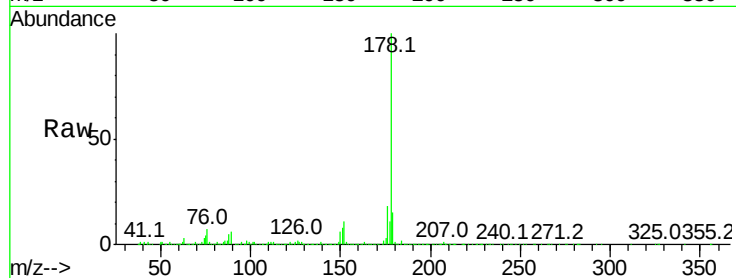
#69
Phenanthrene
Concen: 6.023 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.4	14.9	22.3

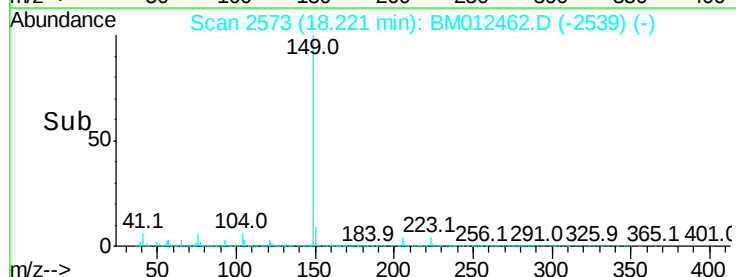
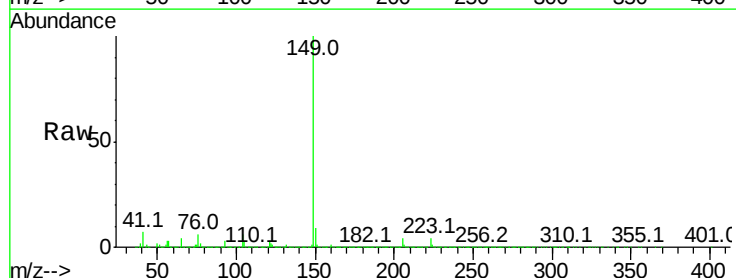
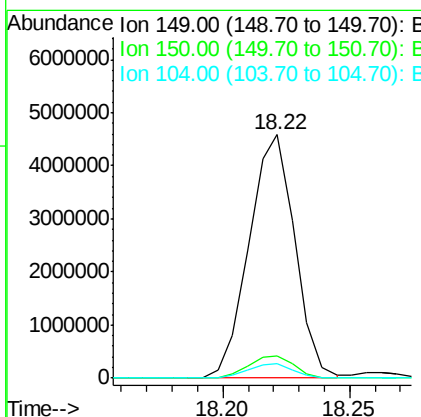
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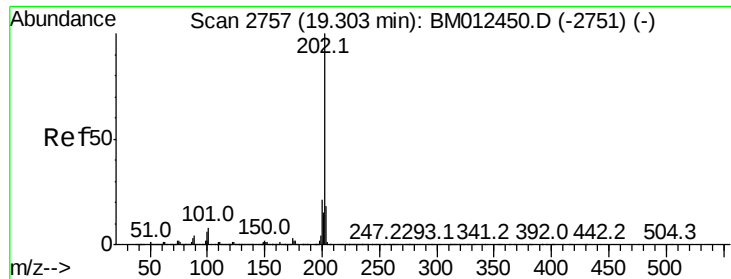
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#73
Di-n-butylphthalate
Concen: 29.567 ng/ul
RT: 18.22 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.7	5.6	8.4





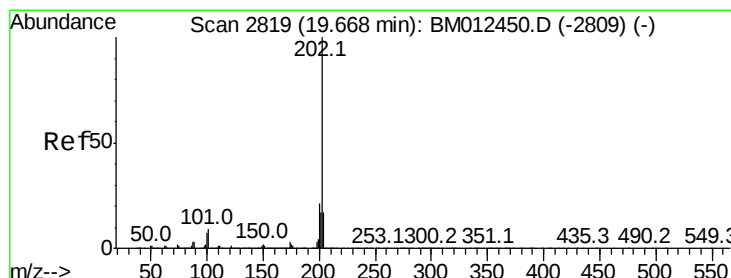
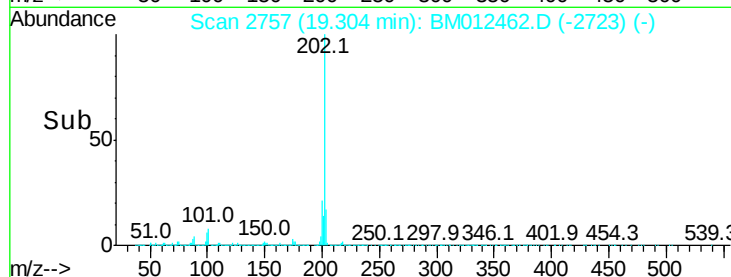
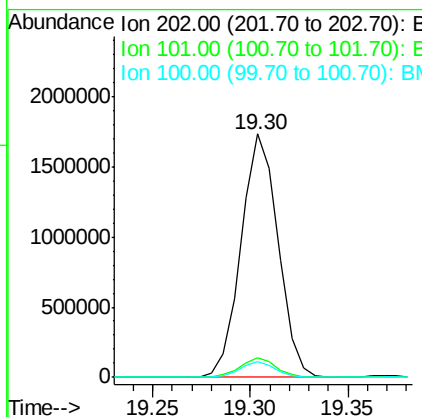
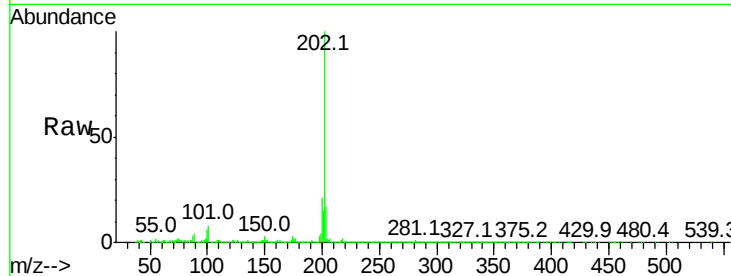
#74
Fluoranthene
Concen: 11.196 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.2	3.4	5.2#

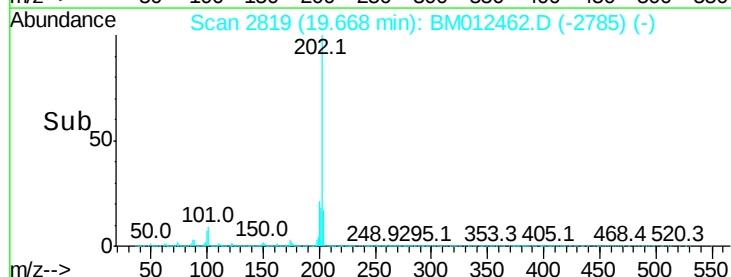
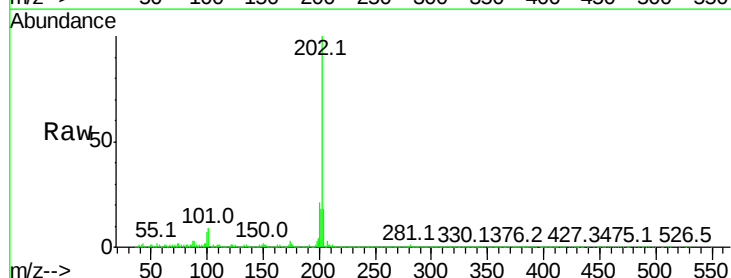
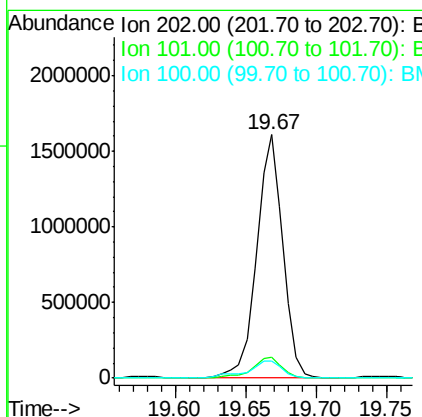
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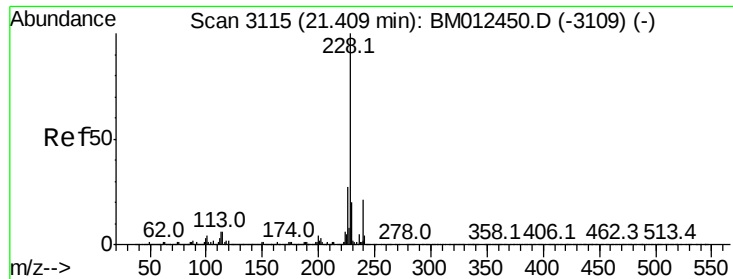
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#77
Pyrene
Concen: 14.301 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.0	4.9	7.3





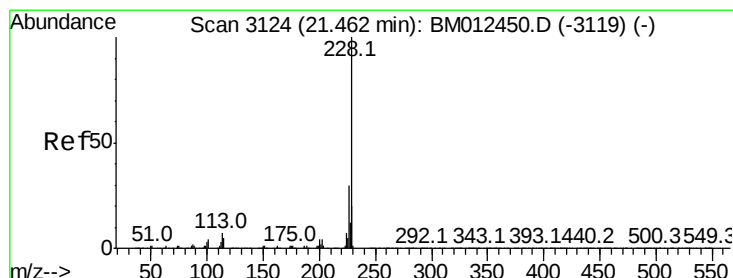
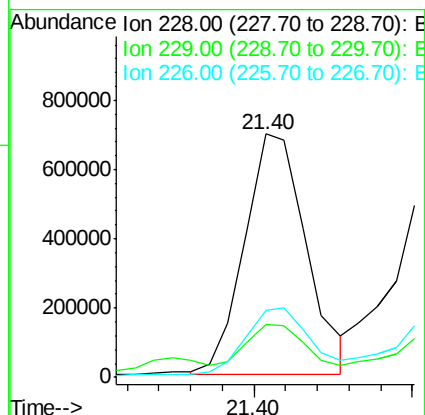
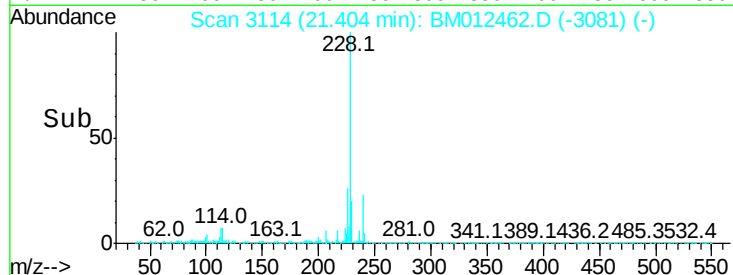
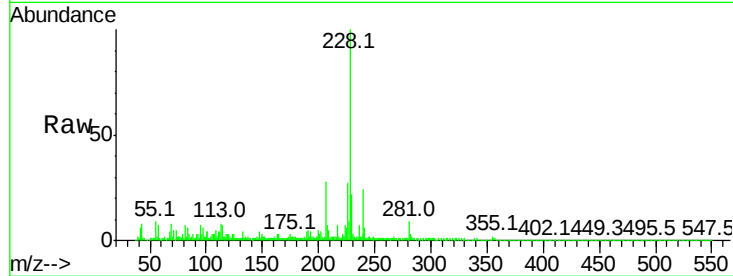
#80
Benzo(a)anthracene
Concen: 6.138 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

Tot Ion:	228	Resp:	943836
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.4	23.0
226	27.3	21.4	32.0

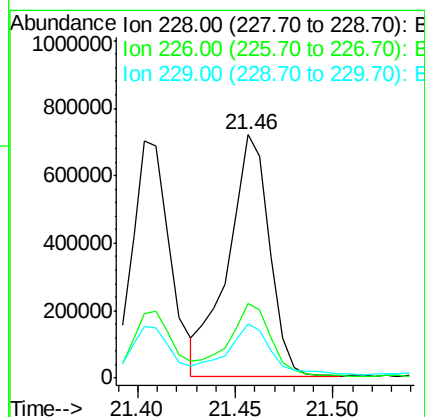
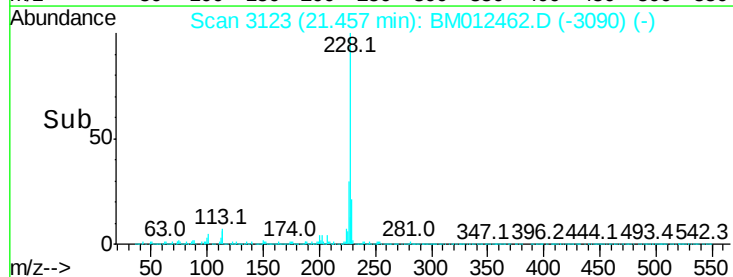
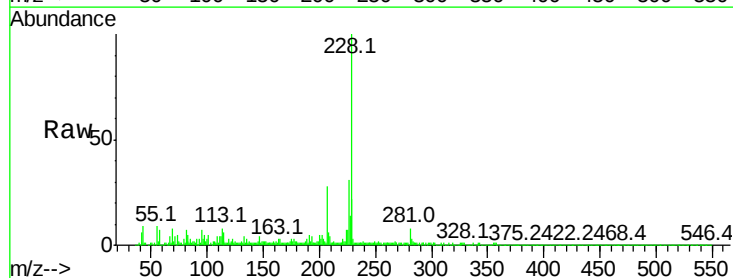
Manual Integrations
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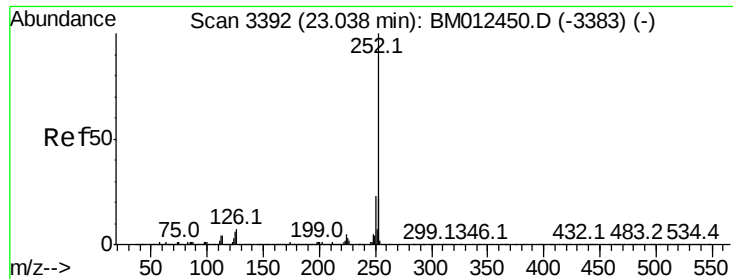
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#82
Chrysene
Concen: 7.697 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Tgt Ion:	228	Resp:	1052345
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	22.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 9.248 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

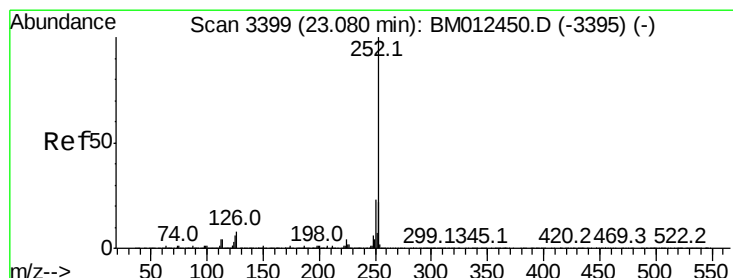
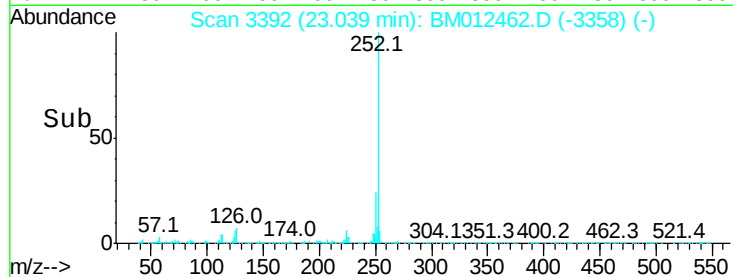
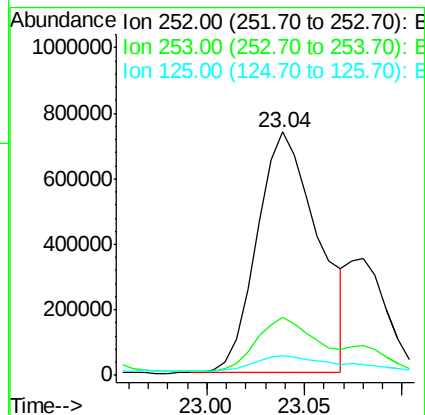
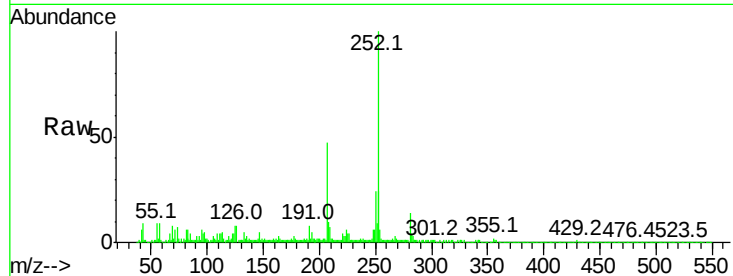
ClientSampleId :

B-66(2.5-4.5) 101017

Tot Ion:	252	Resp:	1601433
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	8.0	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 2.938 ng/ul m

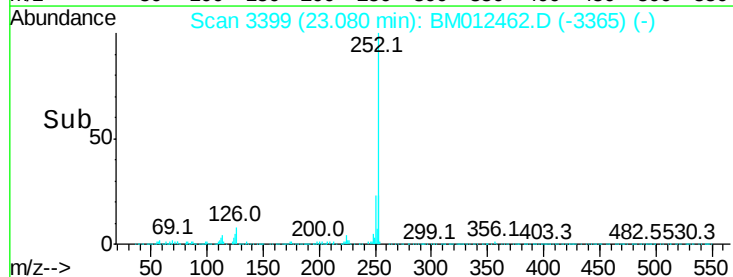
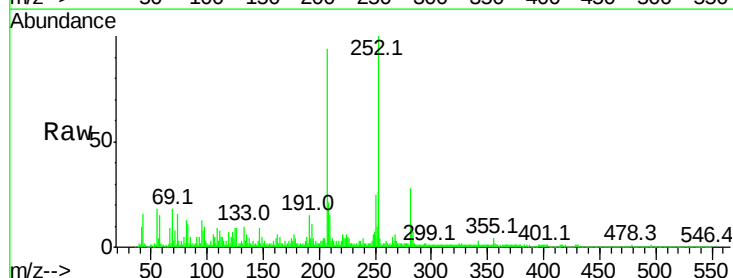
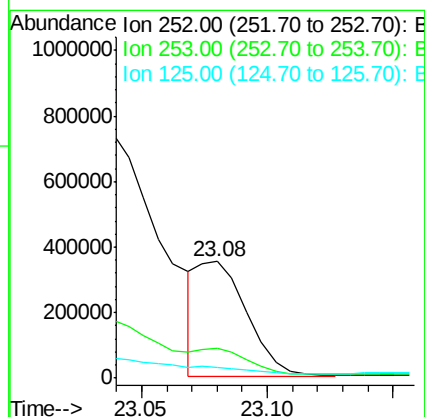
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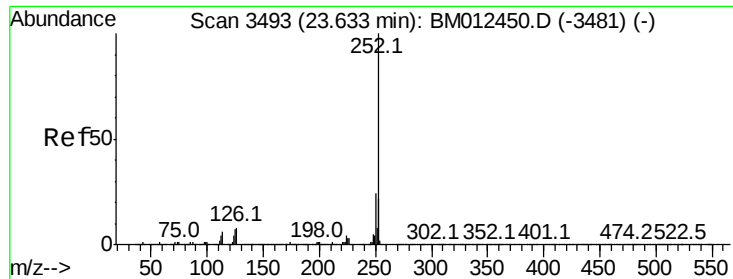
Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Tgt Ion:	252	Resp:	478785
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.1	25.7
125	9.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 6.722 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

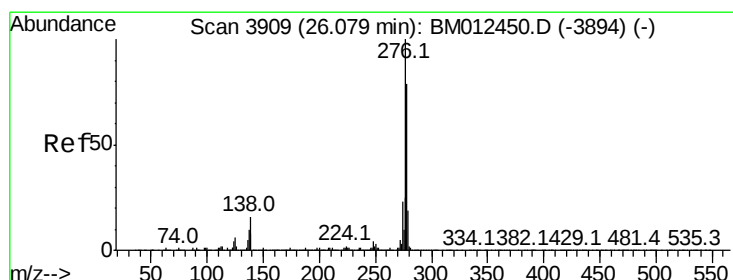
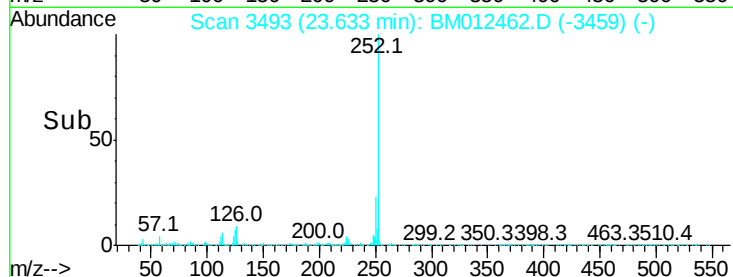
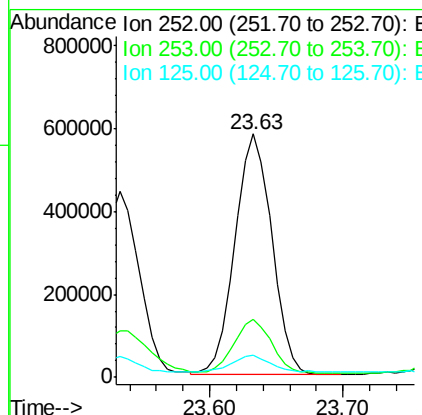
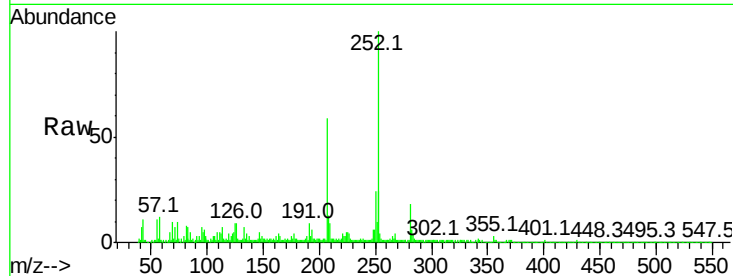
ClientSampleId :

B-66(2.5-4.5) 101017

Tot Ion:	252	Resp:	1109877
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.2
125	9.1	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.752 ng/ul

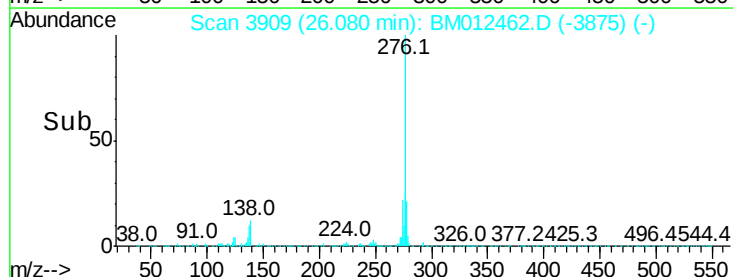
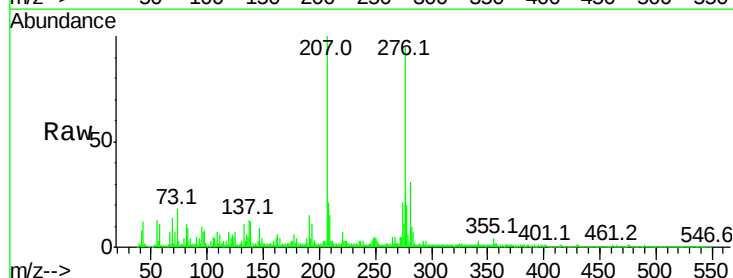
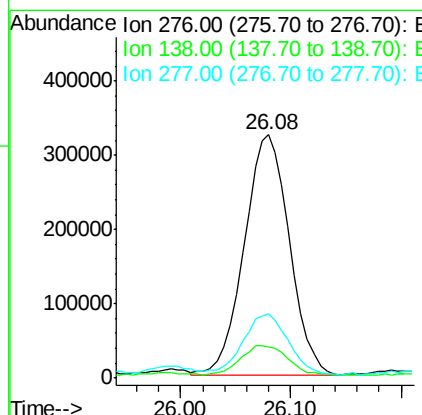
RT: 26.08 min Scan# 3909

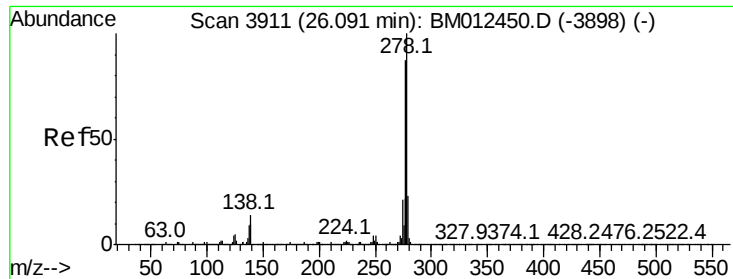
Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Tgt Ion:	276	Resp:	923263
Ion Ratio	Lower	Upper	
276	100		
138	12.9	9.3	13.9
277	26.4	19.9	29.9





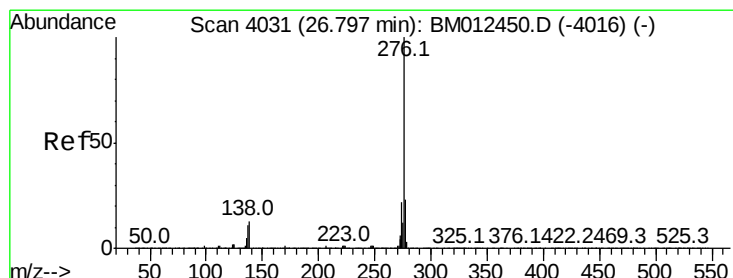
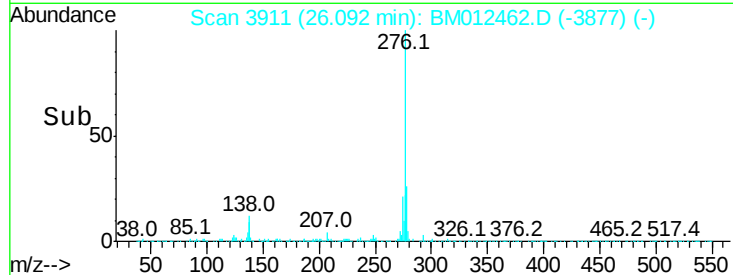
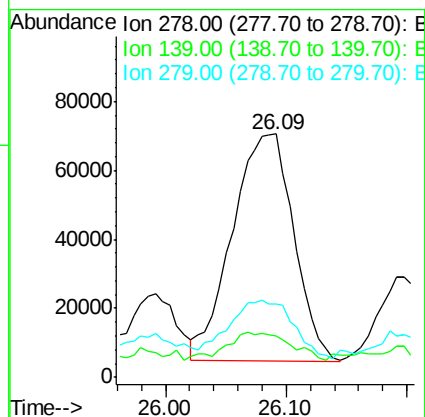
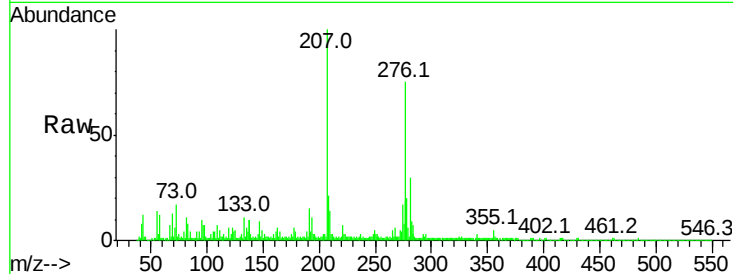
#90
Dibenzo(a,h)anthracene
Concen: 1.410 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	5.8	8.8#
279	30.1	18.6	27.8#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:28 AM



#91
Benzo(g,h,i)perylene
Concen: 4.936 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	25.9	18.6	28.0

