

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009802.D
 Acq On : 29 Apr 2017 04:14
 Operator : SJ/MA
 Sample : I2845-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSW3

Manual Integrations
 APPROVED

mohammad
 5/1/2017 7:24:09 PM

Quant Time: Apr 29 05:15:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 29 00:28:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	207275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	898974	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	534735	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1057885	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	866292	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	817977	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	16635	3.70	ng/uL	0.00
5) Phenol-d5	6.99	99	494654	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	329756	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	343621	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	381646	21.74	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	173236	23.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	200819	26.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	365330	23.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	166440	8.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1128786	24.27	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1428452	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	166498	18.55	ng/ul	0.02
57) Fluorene-d10	15.47	176	986075	23.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	74737	10.01	ng/ul	0.01
70) Anthracene-d10	17.32	188	1381066	25.43	ng/ul	0.00
76) Pyrene-d10	19.62	212	1217725	31.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1037197	26.07	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.93	163	203333	4.42	ng/ul	99
69) Phenanthrene	17.26	178	84354	1.39	ng/ul#	91
73) Di-n-butylphthalate	18.17	149	187737	2.69	ng/ul#	96
74) Fluoranthene	19.28	202	604018	7.88	ng/ul#	89
77) Pyrene	19.64	202	710747	14.53	ng/ul#	87
80) Benzo(a)anthracene	21.39	228	391284	7.62	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.30	149	78617	2.56	ng/ul	96
82) Chrysene	21.44	228	395495m	8.55	ng/ul	
85) Benzo(b)fluoranthene	23.03	252	487362	9.18	ng/ul#	83
86) Benzo(k)fluoranthene	23.07	252	161414m	3.32	ng/ul	
88) Benzo(a)pyrene	23.63	252	330047	6.68	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.09	276	211323	3.95	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.09	278	52556	1.15	ng/ul#	57
91) Benzo(g,h,i)perylene	26.82	276	200006	4.65	ng/ul#	91

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

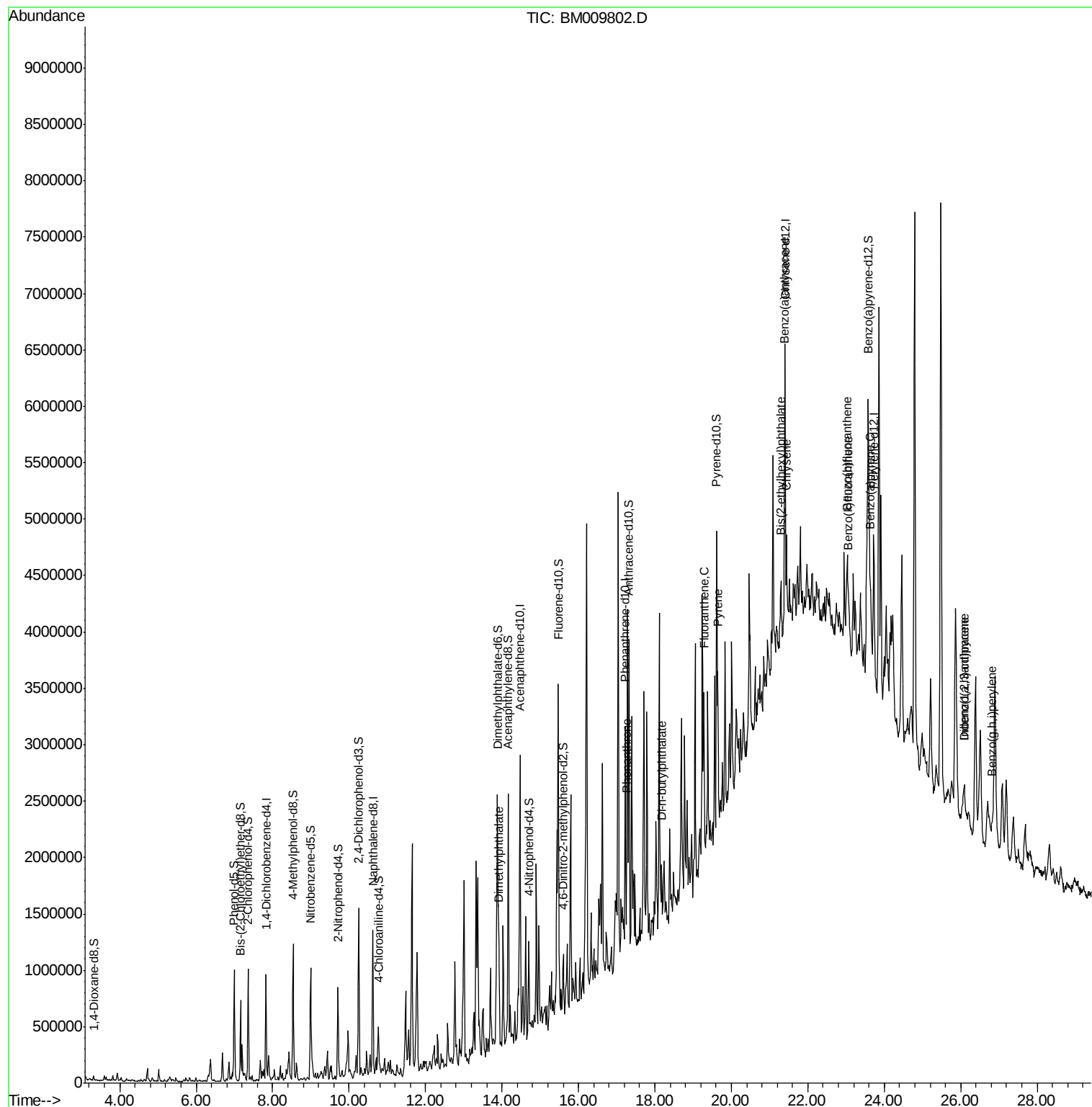
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

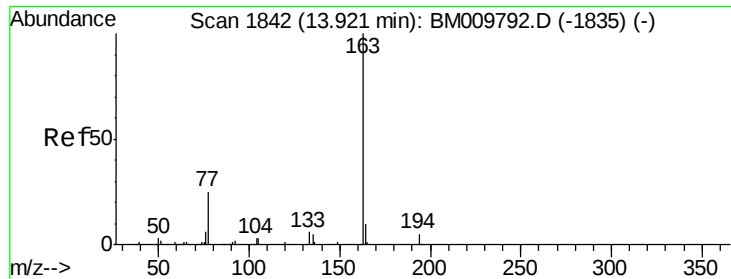
Instrument :
BNA_M
ClientSampleId :
JHSW3

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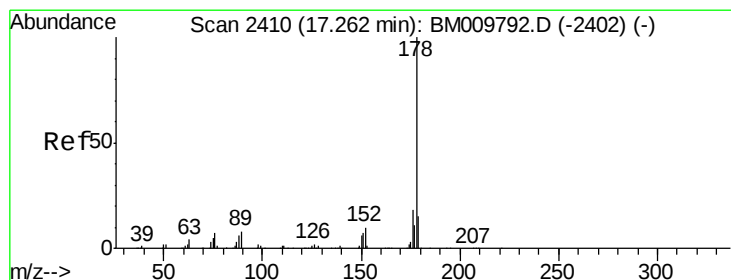
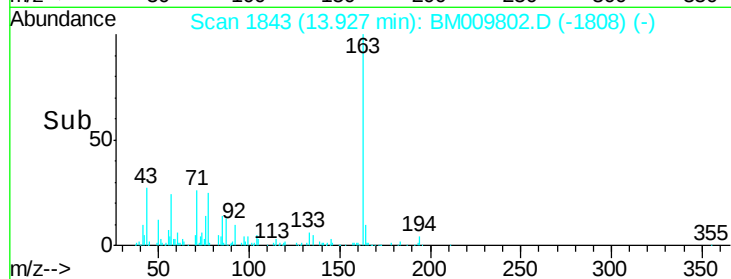
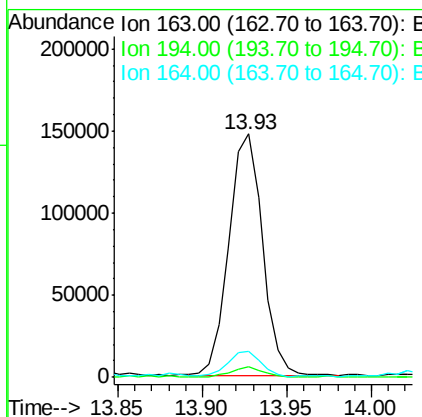
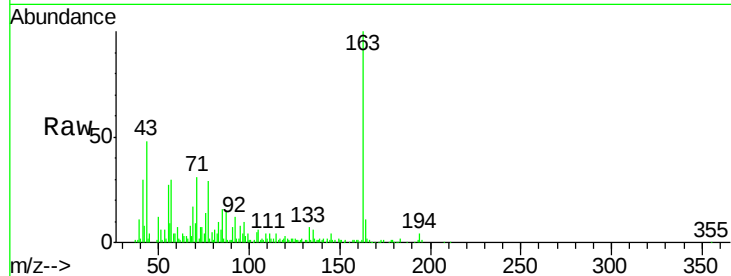
#44
Dimethylphthalate
Concen: 4.42 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Instrument :
BNA_M
ClientSampleId :
JHSW3

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.7	8.6	12.8

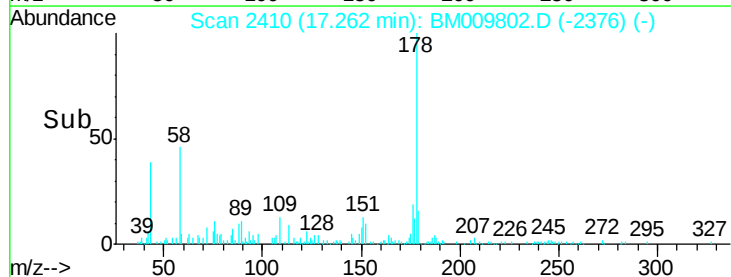
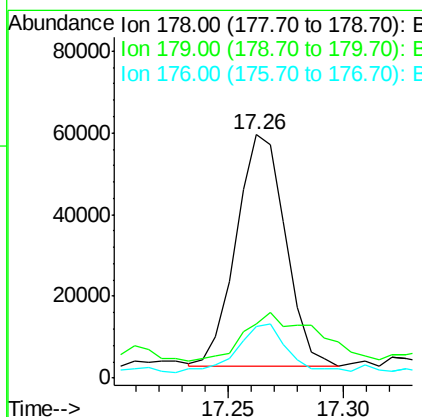
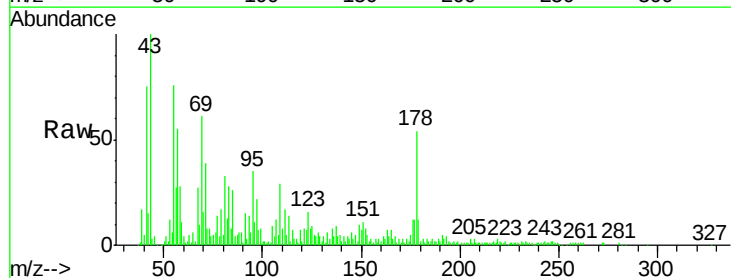
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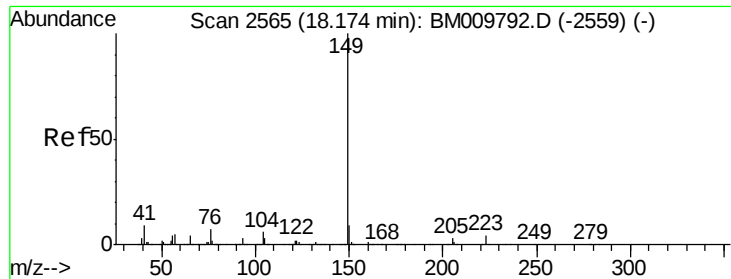
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#69
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	22.4	12.6	19.0#
176	21.4	15.8	23.6





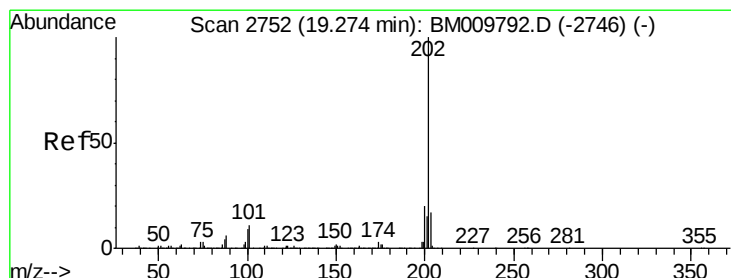
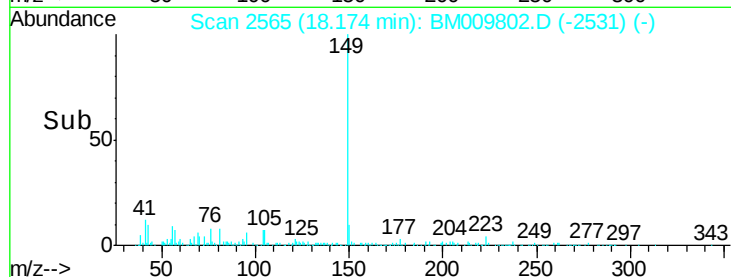
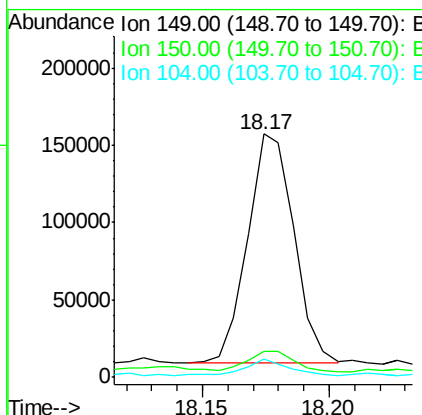
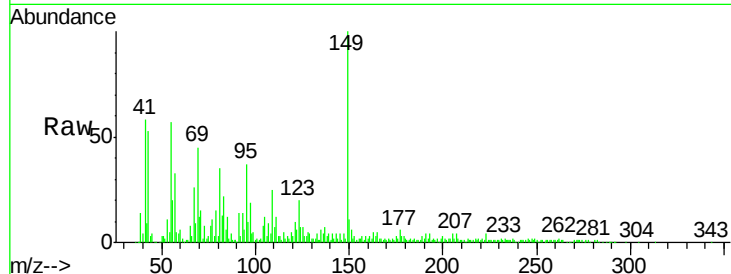
#73
Di-n-butylphthalate
Concen: 2.69 ng/ul
RT: 18.17 min Scan# 2565
Delta R.T. 0.00 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Instrument :
BNA_M
ClientSampleId :
JHSW3

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.1	10.7#
104	7.6	6.9	10.3

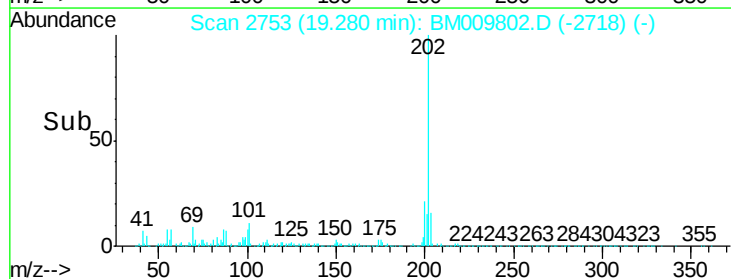
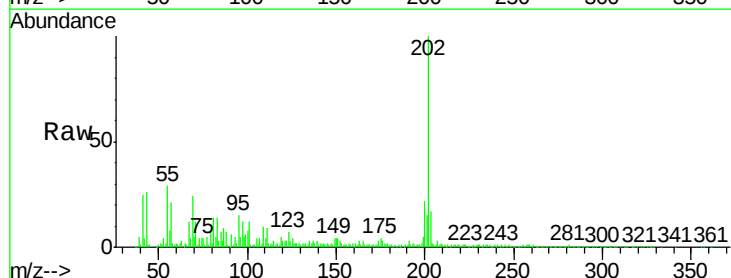
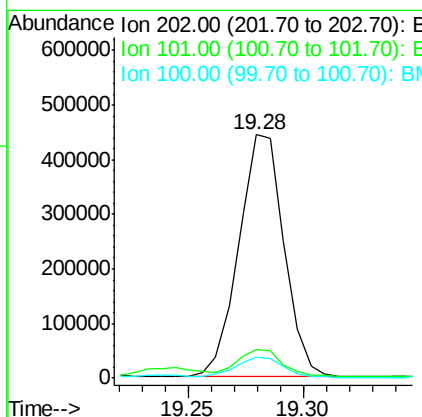
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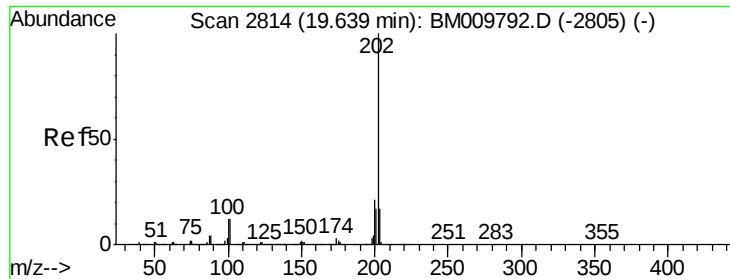
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#74
Fluoranthene
Concen: 7.88 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	5.7	8.5#
100	8.4	4.6	7.0#





#77

Pvrene

Concen: 14.53 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Instrument :

BNA_M

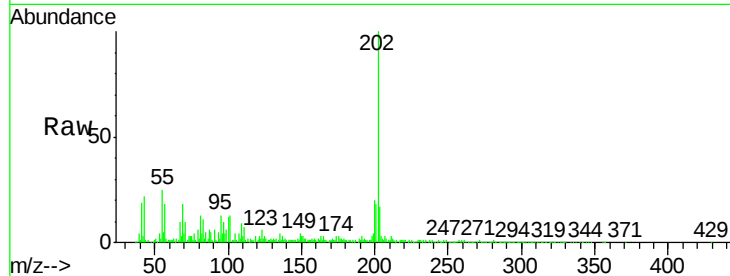
ClientSampleId :

JHSW3

Tot Ion:	202	Resp:	710747
Ion Ratio	Lower	Upper	
202	100		
101	12.7	6.2	9.4#
100	12.0	6.4	9.6#

Manual Integrations
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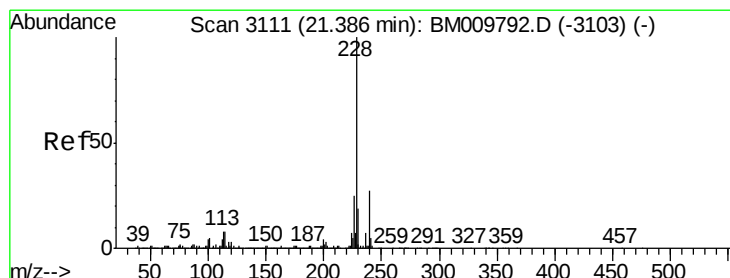
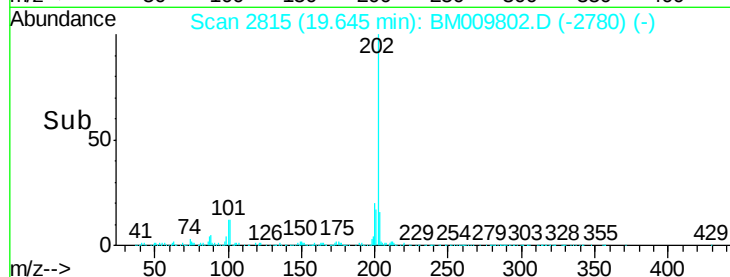
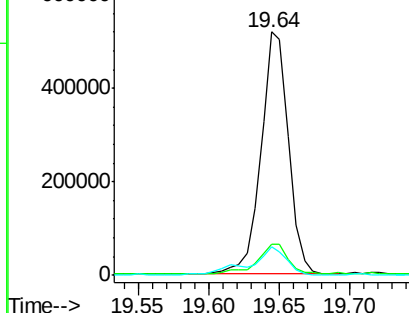
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 7.62 ng/ul

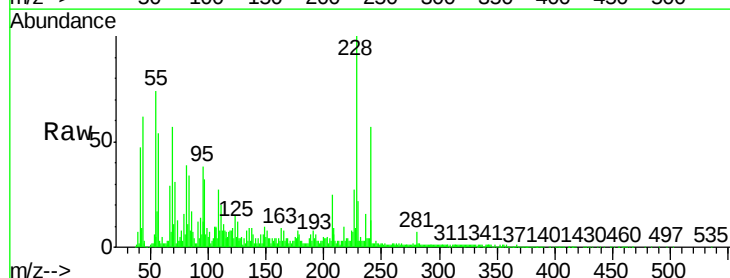
RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

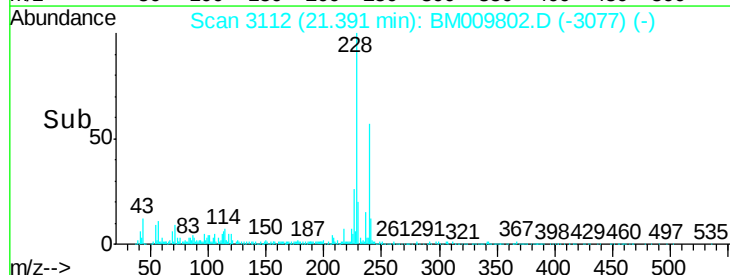
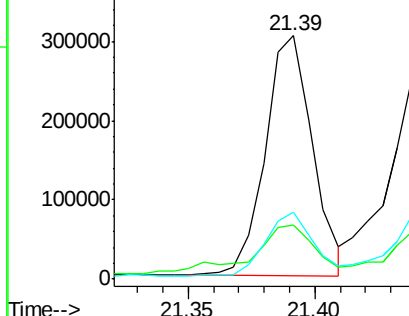
Tgt Ion:	228	Resp:	391284
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.4	23.2
226	27.3	21.2	31.8

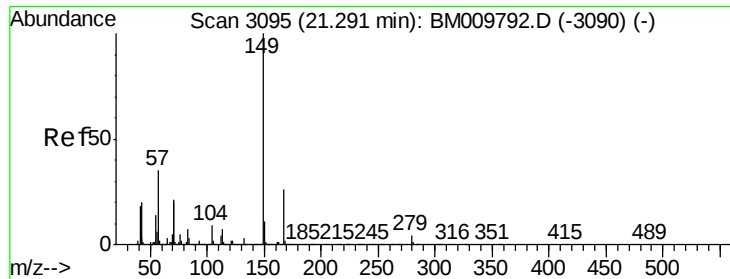


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





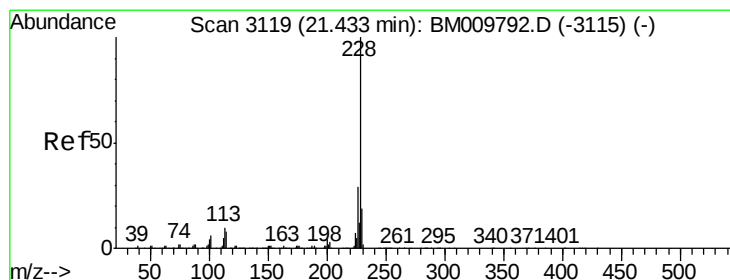
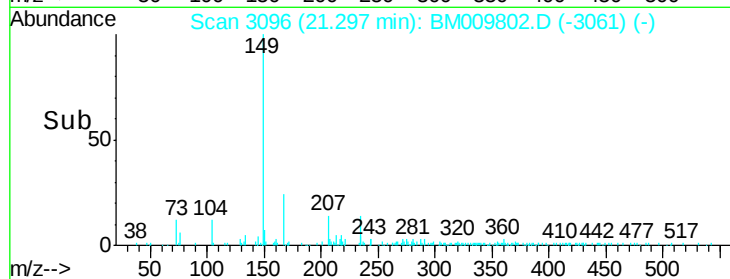
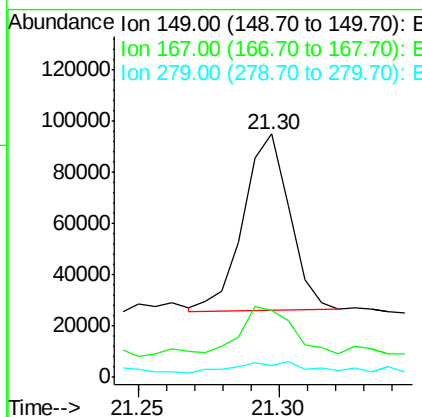
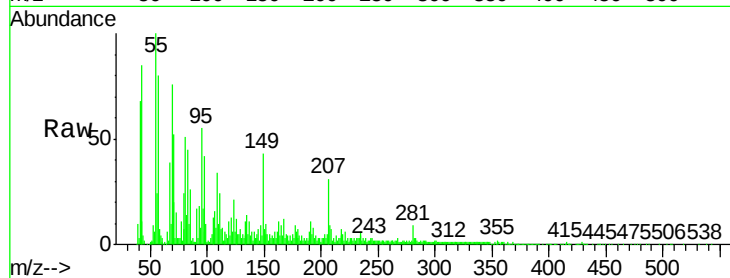
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.56 ng/ul
 RT: 21.30 min Scan# 3096
 Delta R.T. 0.01 min
 Lab File: BM009802.D
 Acq: 29 Apr 2017 04:14

Instrument :
 BNA_M
 ClientSampleId :
 JHSW3

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.2	30.2
279	5.1	4.0	6.0

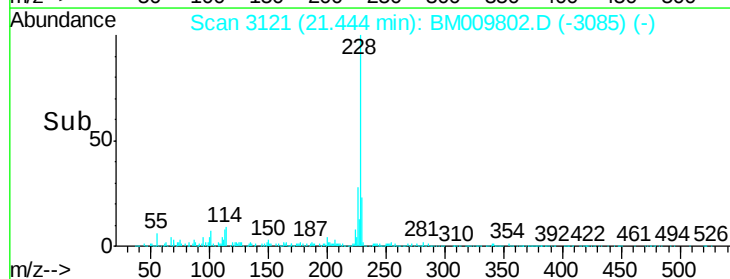
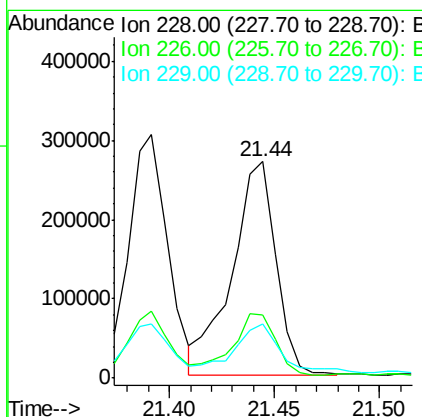
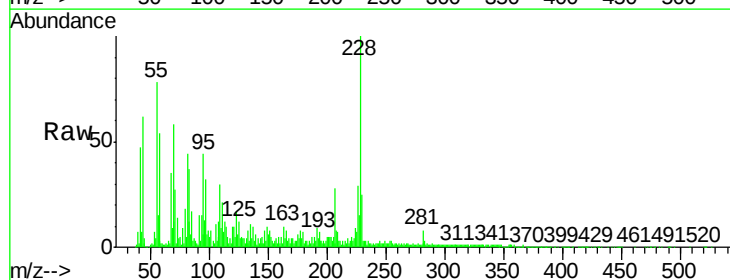
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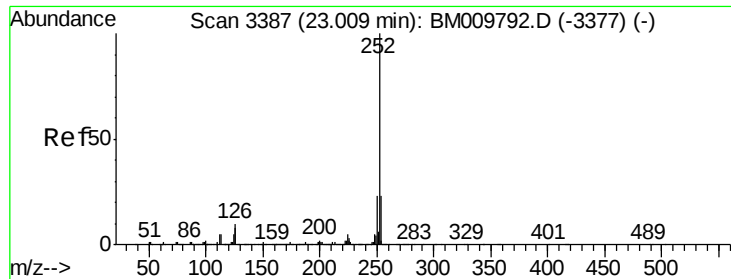
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#82
 Chrysene
 Concen: 8.55 ng/ul m
 RT: 21.44 min Scan# 3121
 Delta R.T. 0.01 min
 Lab File: BM009802.D
 Acq: 29 Apr 2017 04:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	25.0	15.4	23.2





#85

Benzo(b)fluoranthene

Concen: 9.18 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.02 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Instrument :

BNA_M

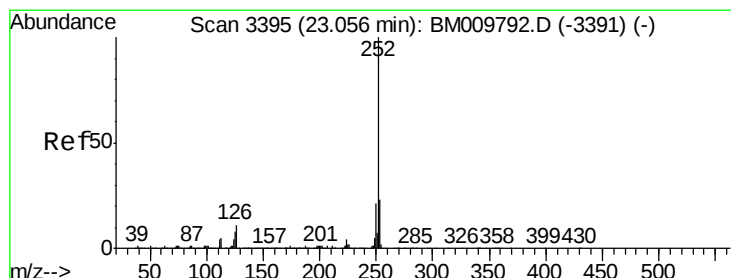
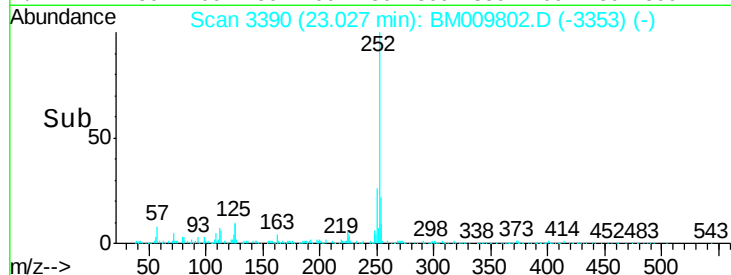
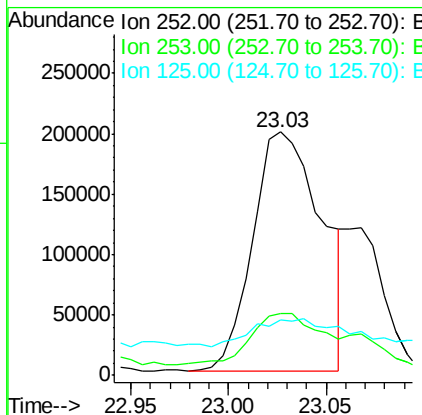
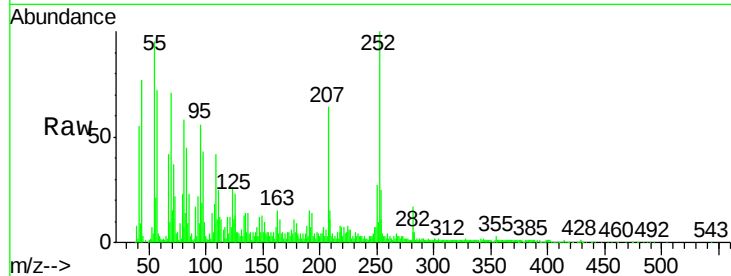
ClientSampleId :

JHSW3

Tot Ion:252	Resp:	487362
Ion Ratio	Lower	Upper
252	100	
253	25.3	17.0 25.4
125	22.5	3.7 5.5#

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#86

Benzo(k)fluoranthene

Concen: 3.32 ng/ul m

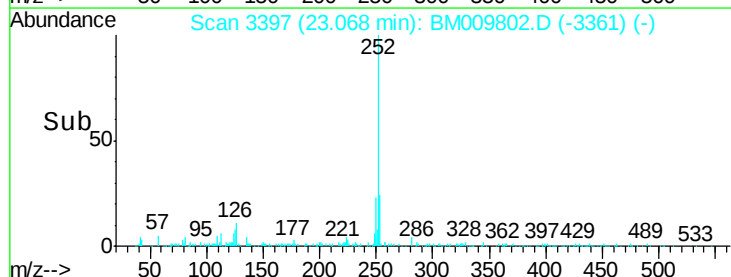
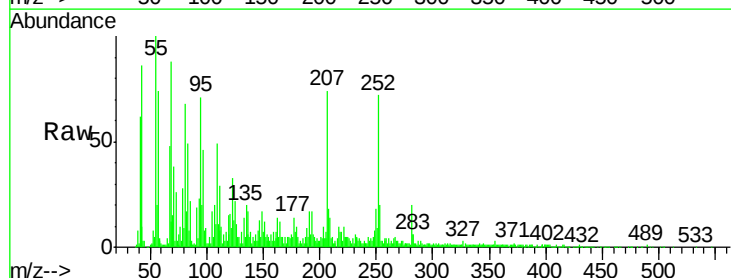
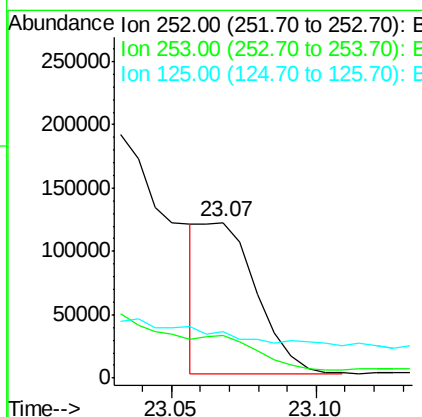
RT: 23.07 min Scan# 3397

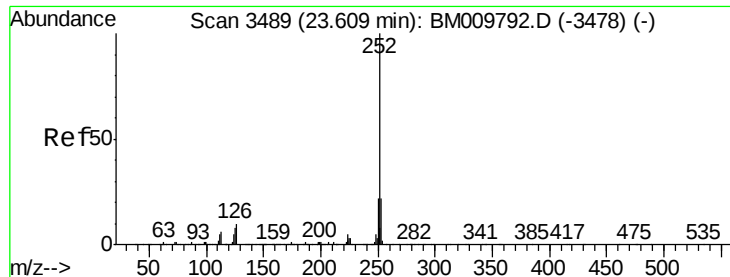
Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Tgt Ion:252	Resp:	161414
Ion Ratio	Lower	Upper
252	100	
253	27.8	17.4 26.0#
125	29.9	3.8 5.8#





#88

Benzo(a)pyrene

Concen: 6.68 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.02 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Instrument :

BNA_M

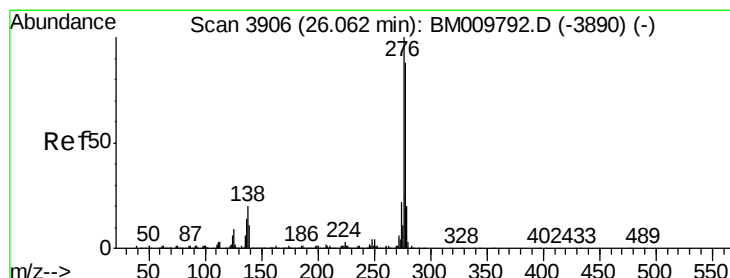
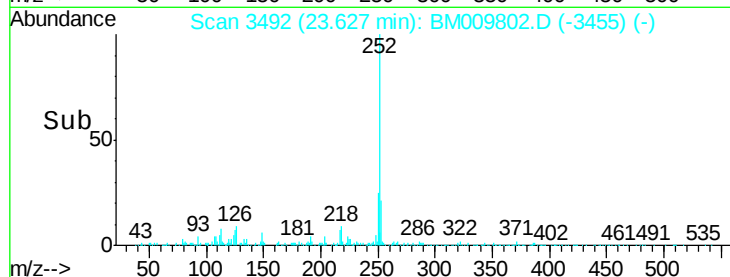
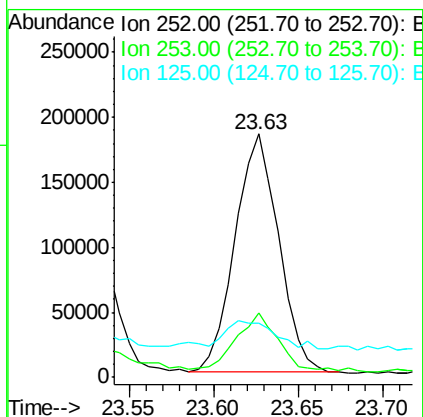
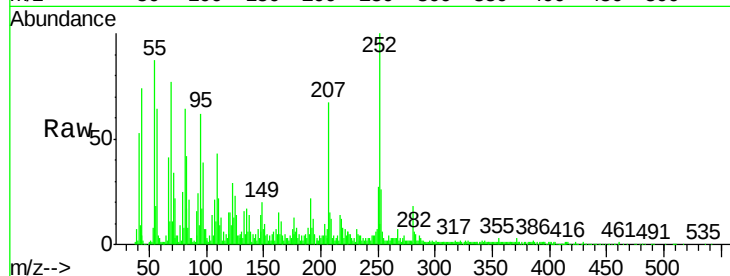
ClientSampled :

JHSW3

Tot Ion:	252	Resp:	330047
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.4	26.0#
125	22.5	3.7	5.5#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.95 ng/ul

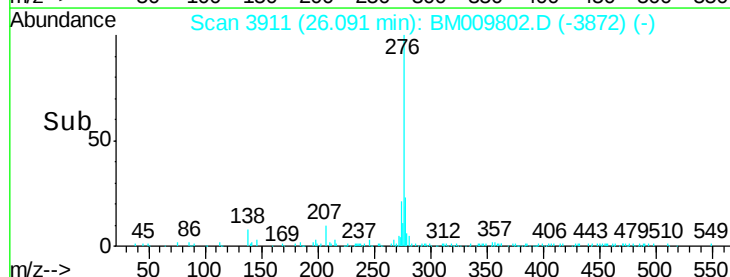
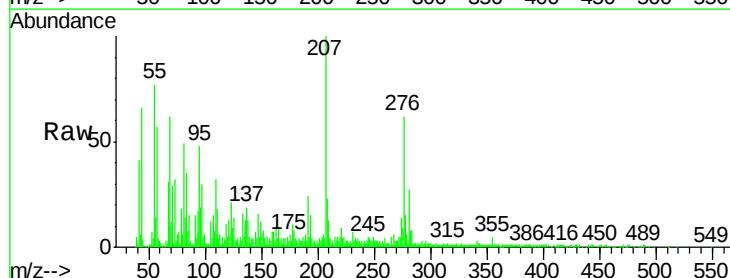
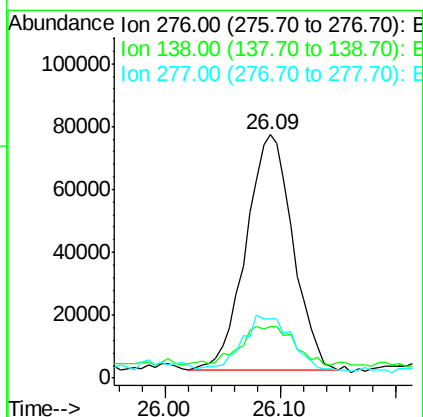
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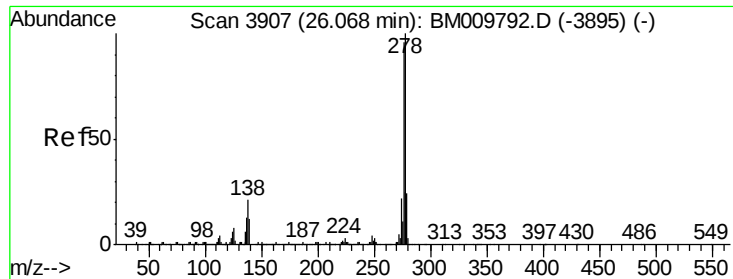
Delta R.T. 0.03 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Tgt Ion:	276	Resp:	211323
Ion Ratio	Lower	Upper	
276	100		
138	21.2	8.2	12.2#
277	24.3	21.5	32.3





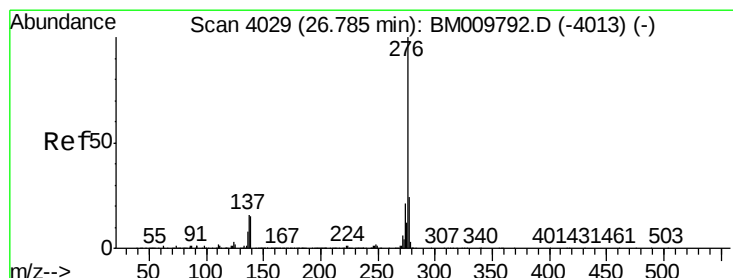
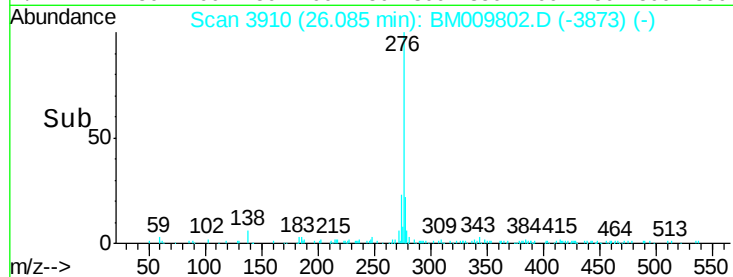
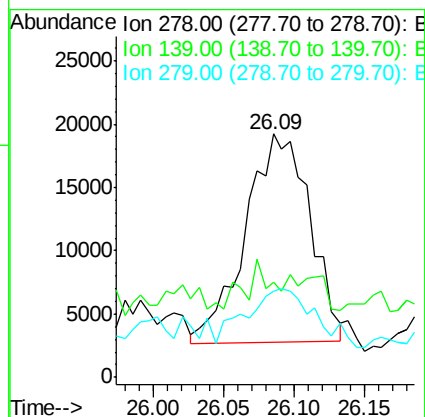
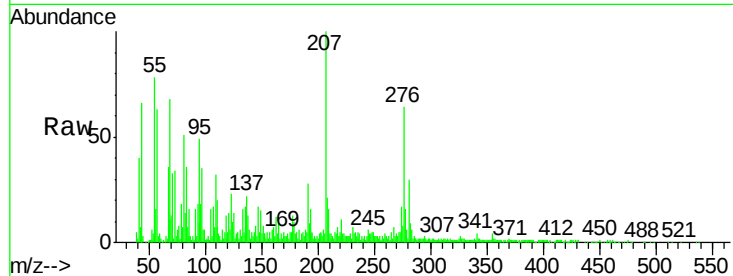
#90
Dibenzo(a,h)anthracene
Concen: 1.15 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Instrument :
BNA_M
ClientSampled :
JHSW3

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.3	5.8	8.8#
279	35.4	17.9	26.9#

Manual Integrations
APPROVED

mohammad
5/1/2017 7:24:09 PM



#91
Benzo(g,h,i)perylene
Concen: 4.65 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.04 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	7.0	10.4#
277	23.8	19.0	28.6

