

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013423.D
 Acq On : 15 Dec 2017 04:14
 Operator : SJ/JU
 Sample : I6776-04 30X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 F9A56

Manual Integrations
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Quant Time: Dec 18 13:40:56 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 05:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	244757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1067302	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	609300	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1289755	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1158616	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	907707	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	819m	0.17	ng/uL	0.00
5) Phenol-d5	6.86	99	23394	1.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	12761	1.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	17880	1.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	19112	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	9951	1.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	10724	1.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	18218	0.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	4528m	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	69814	1.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	89320	1.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	7417	0.79	ng/ul	0.00
57) Fluorene-d10	15.32	176	62101	1.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	5716	0.70	ng/ul	0.00
70) Anthracene-d10	17.16	188	99988	1.55	ng/ul	0.00
76) Pyrene-d10	19.49	212	99761m	1.73	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.34	264	61034	1.32	ng/ul	0.00

Target Compounds

					Qvalue
47) Acenaphthylene	14.04	152	501891	8.106	ng/ul 98
68) Pentachlorophenol	16.72	266	84172	8.704	ng/ul 97
69) Phenanthrene	17.11	178	410947	5.608	ng/ul 99
71) Anthracene	17.20	178	1019918	13.618	ng/ul 99
74) Fluoranthene	19.14	202	30635012m	341.168	ng/ul
77) Pyrene	19.51	202	34752068m	493.713	ng/ul
80) Benzo(a)anthracene	21.26	228	13726808	186.730	ng/ul# 88
82) Chrysene	21.32	228	16092111	235.955	ng/ul# 85
85) Benzo(b)fluoranthene	22.84	252	9356038	152.902	ng/ul# 97
86) Benzo(k)fluoranthene	22.87	252	3153066	54.756	ng/ul# 97
88) Benzo(a)pyrene	23.40	252	2801714	50.971	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.72	276	1461298	26.793	ng/ul# 96
90) Dibenzo(a,h)anthracene	25.72	278	419838	9.040	ng/ul# 96
91) Benzo(g,h,i)perylene	26.40	276	1076177	25.016	ng/ul# 95

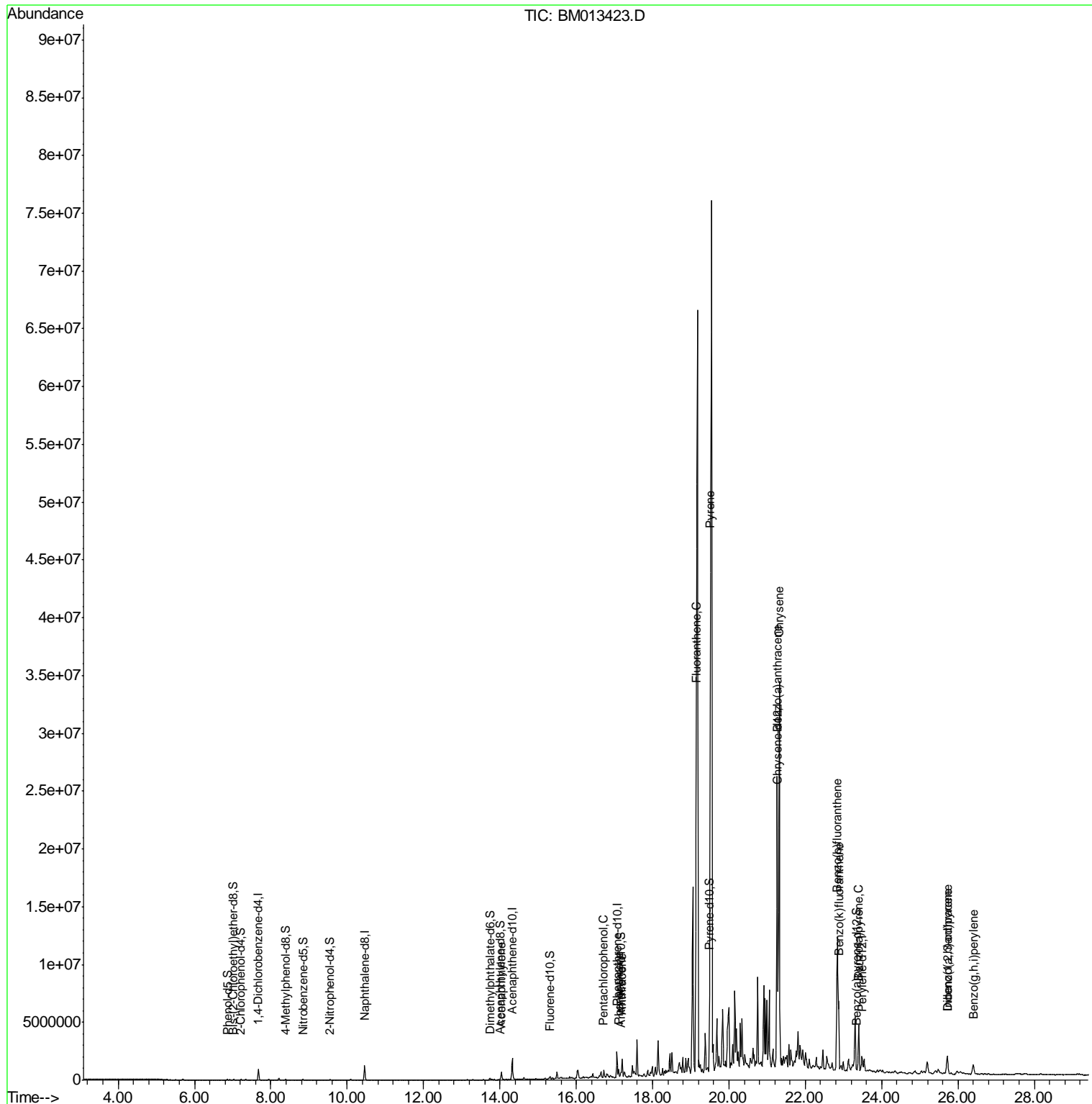
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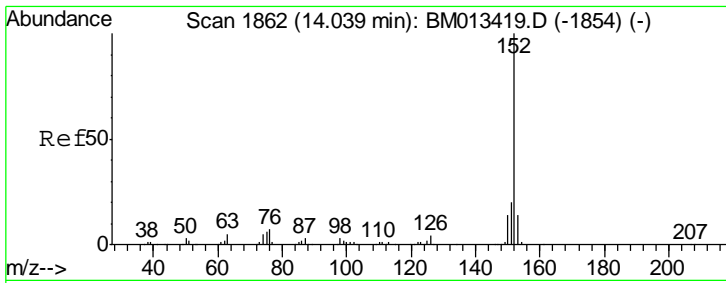
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 Data File : BM013423.D
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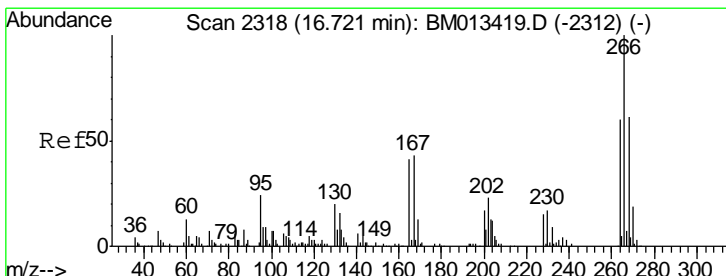
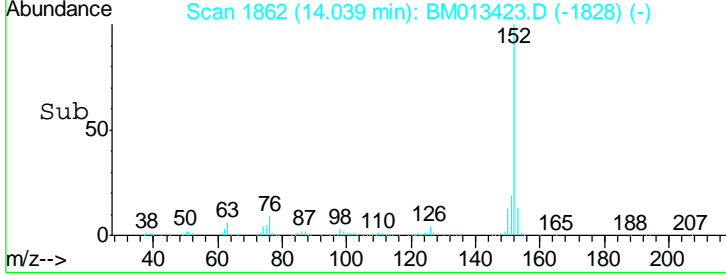
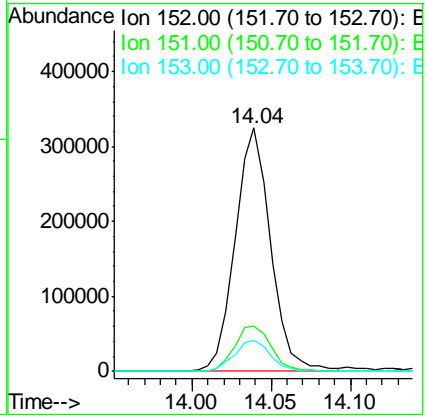
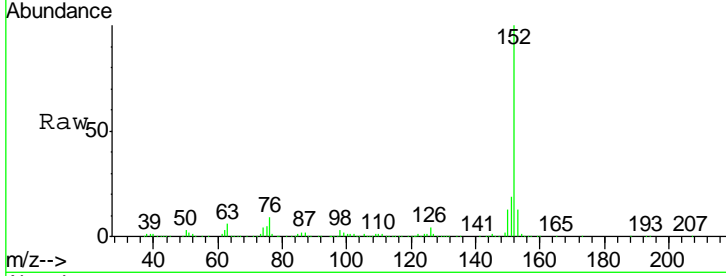


#47
 Acenaphthylene
 Concen: 8.106 ng/ul
 RT: 14.04 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Instrument :
 BNA_M
 ClientSampled :
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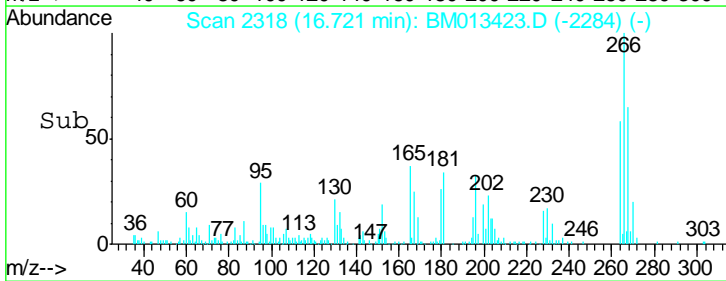
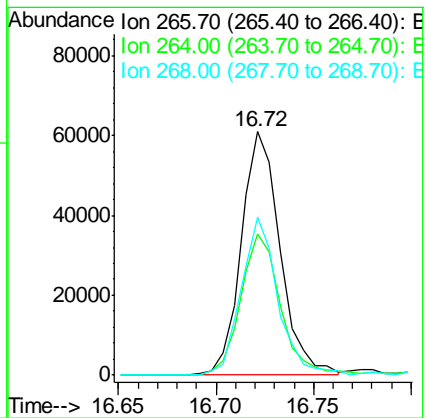
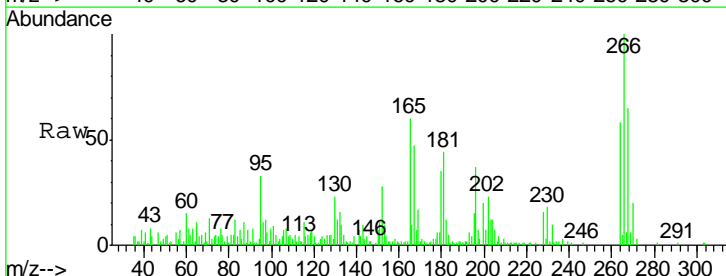
Tgt Ion	Resp	Lower	Upper
152	100		
151	18.8	16.3	24.5
153	12.7	10.2	15.4

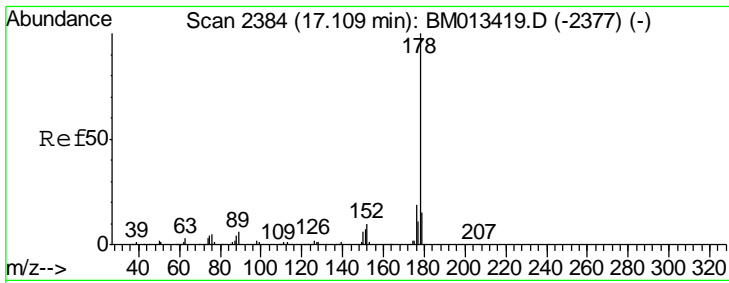
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#68
 Pentachlorophenol
 Concen: 8.704 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion	Resp	Lower	Upper
266	100		
264	57.8	49.3	73.9
268	64.8	52.6	78.8





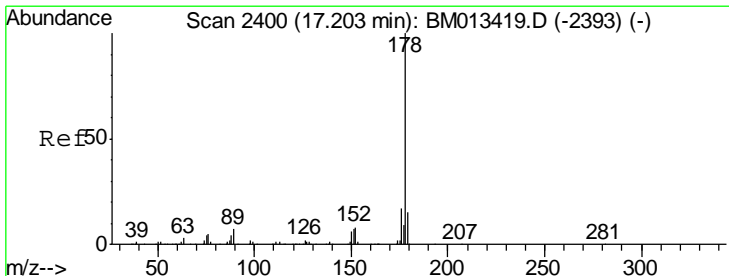
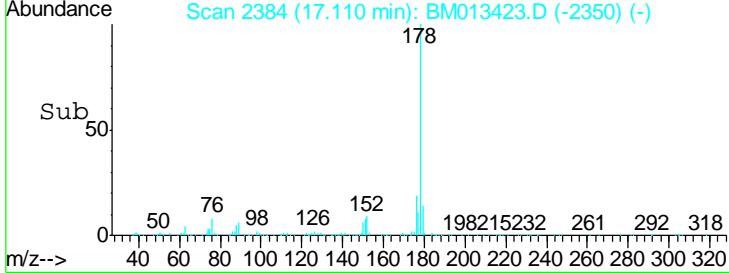
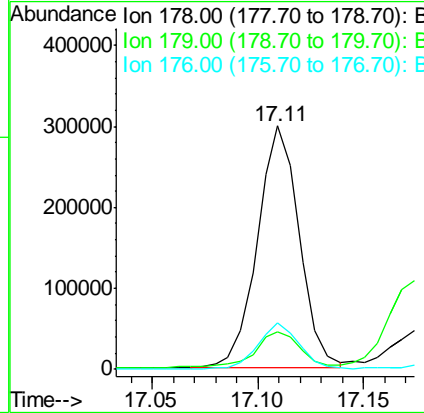
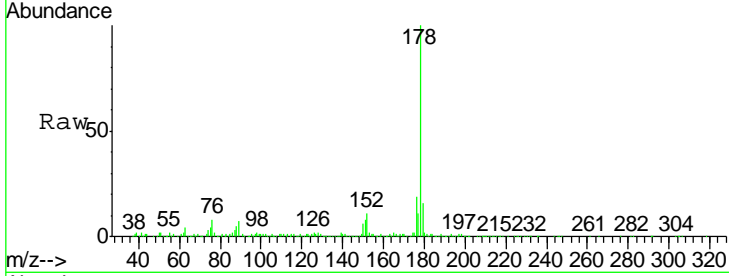
#69
 Phenanthrene
 Concen: 5.608 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Instrument :
 BNA_M
 ClientSampled :
 F9A56

Tgt Ion	Resp	Lower	Upper
178	410947		
179	15.6	12.6	19.0
176	19.1	14.9	22.3

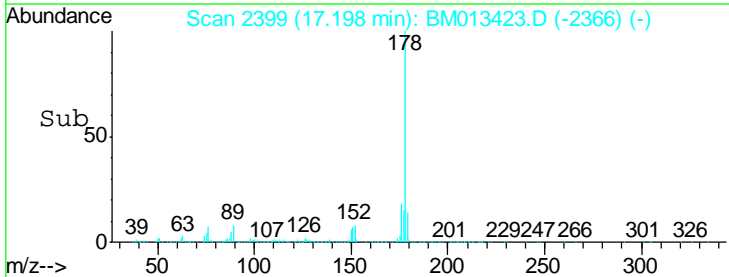
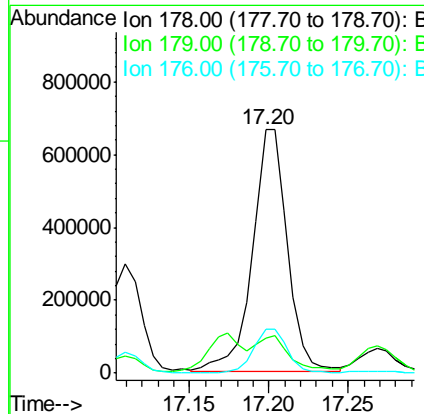
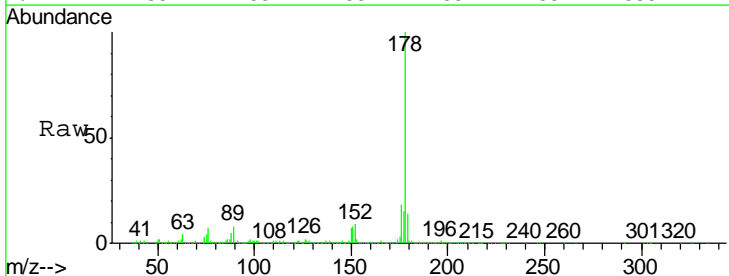
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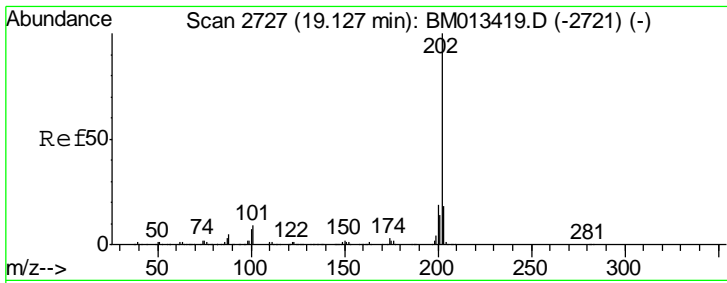
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#71
 Anthracene
 Concen: 13.618 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion	Resp	Lower	Upper
178	1019918		
179	14.2	11.7	17.5
176	17.9	14.6	21.8





#74
 Fluoranthene
 Concen: 341.168 ng/ul m
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.01 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

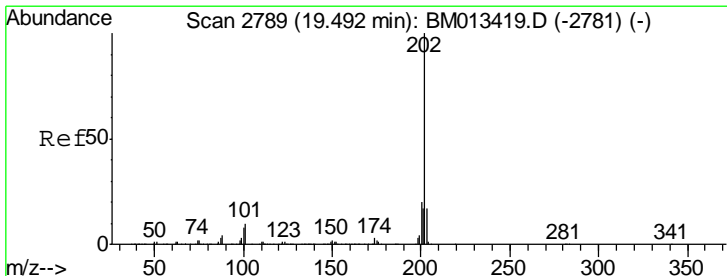
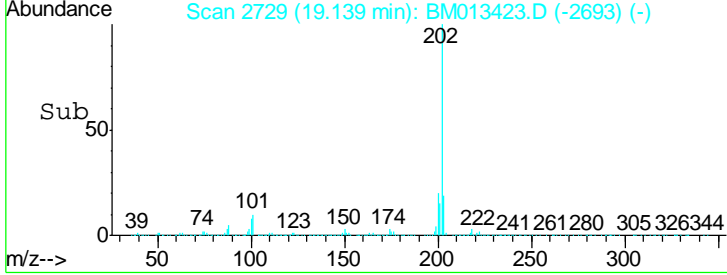
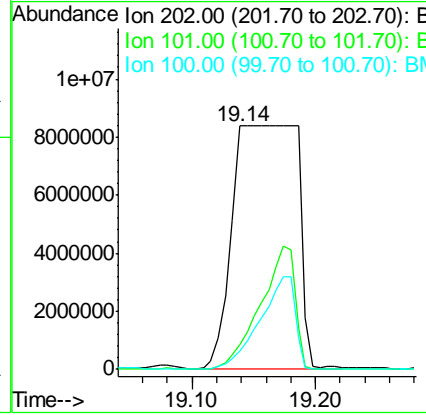
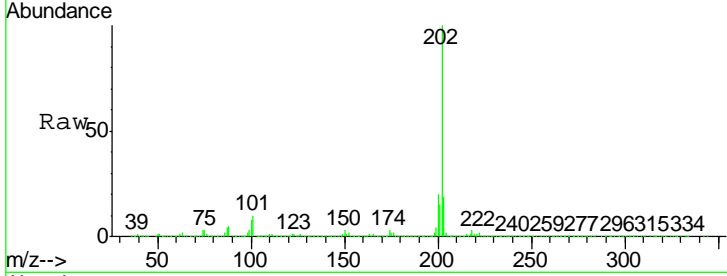
Instrument :
 BNA_M
ClientSampled :
 F9A56

Tgt Ion: 202 Resp: 30635012

Ion	Ratio	Lower	Upper
202	100		
101	10.2	4.6	7.0#
100	7.8	3.4	5.2#

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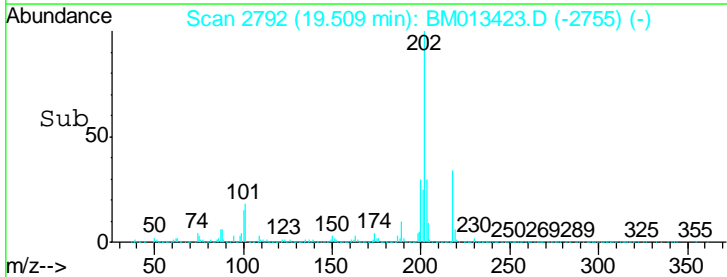
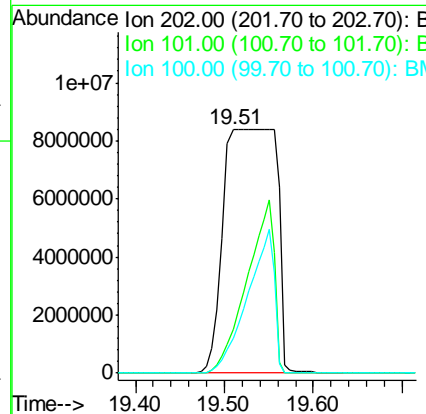
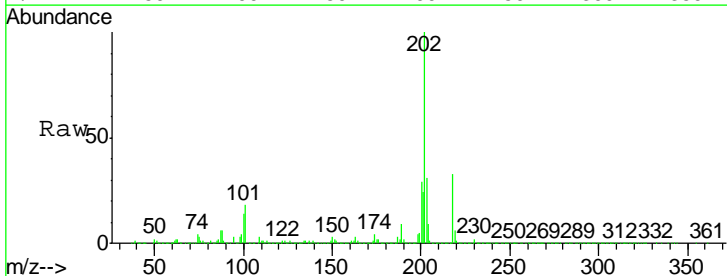
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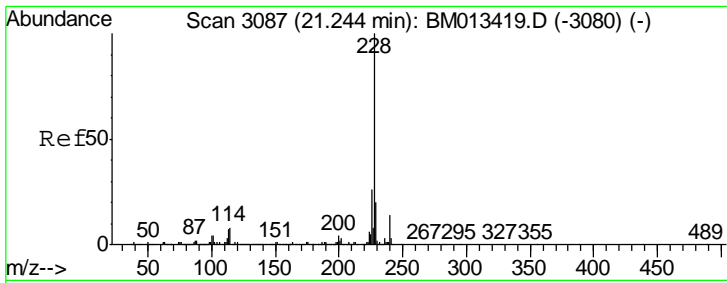


#77
 Pyrene
 Concen: 493.713 ng/ul m
 RT: 19.51 min Scan# 2792
 Delta R.T. 0.02 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion: 202 Resp: 34752068

Ion	Ratio	Lower	Upper
202	100		
101	17.9	5.1	7.7#
100	14.4	4.9	7.3#





#80
 Benzo(a)anthracene
 Concen: 186.730 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.02 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

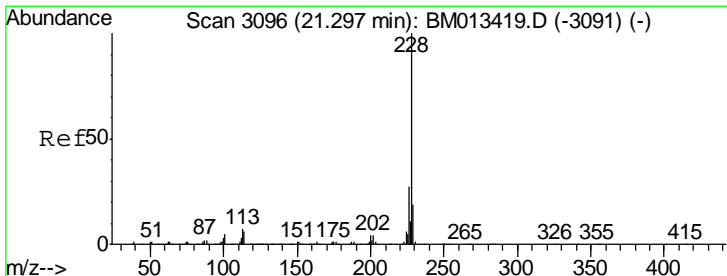
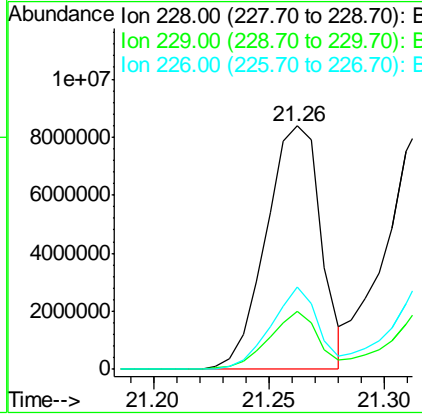
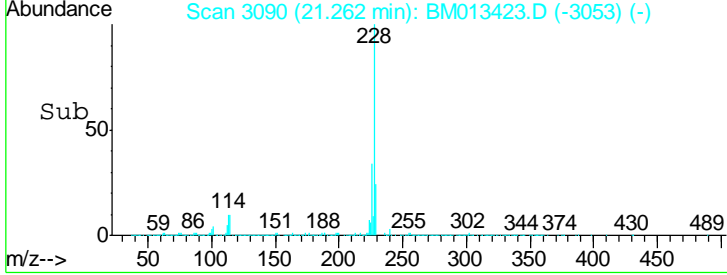
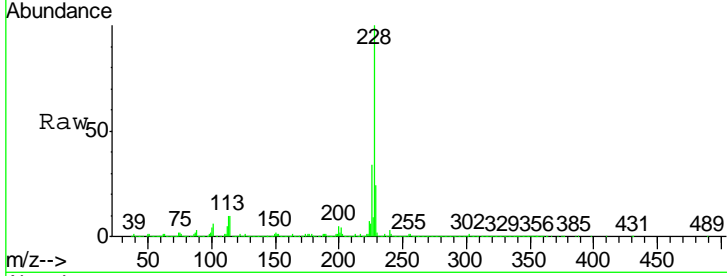
Instrument :
 BNA_M
ClientSampled :
 F9A56

Tgt Ion: 228 Resp: 13726808

Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.4	23.0#
226	33.6	21.4	32.0#

Manual Integrations
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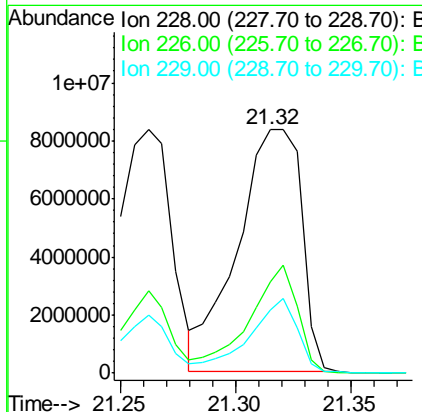
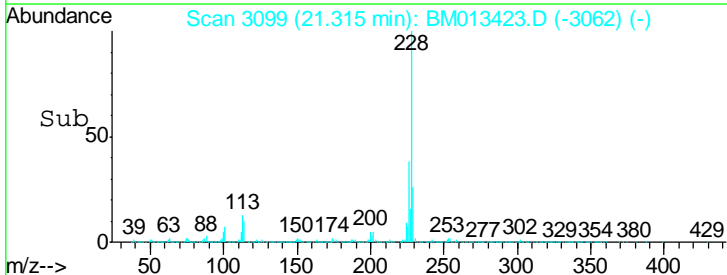
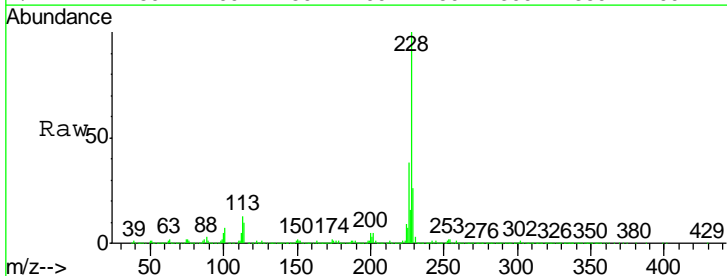
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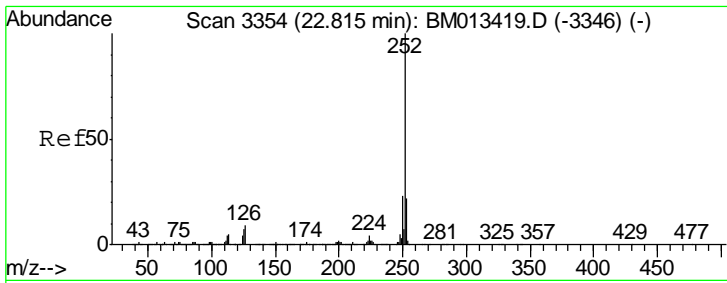


#82
 Chrysene
 Concen: 235.955 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.02 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion: 228 Resp: 16092111

Ion	Ratio	Lower	Upper
228	100		
226	37.8	23.4	35.2#
229	26.0	15.5	23.3#





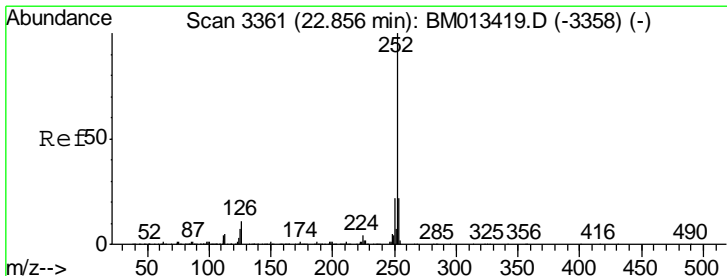
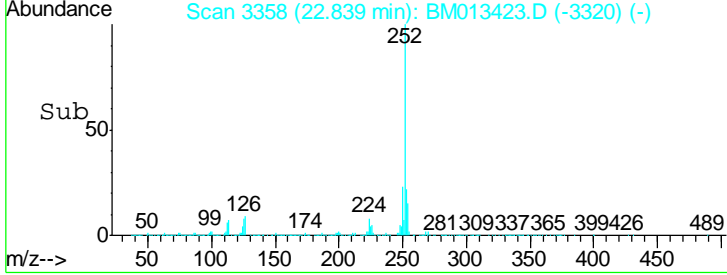
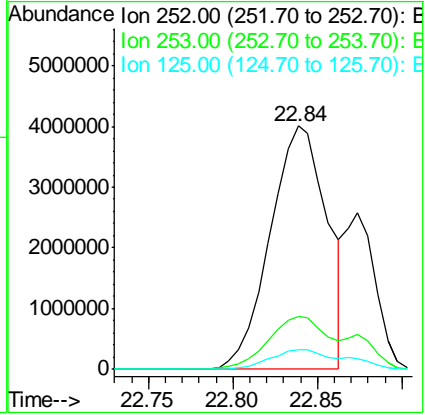
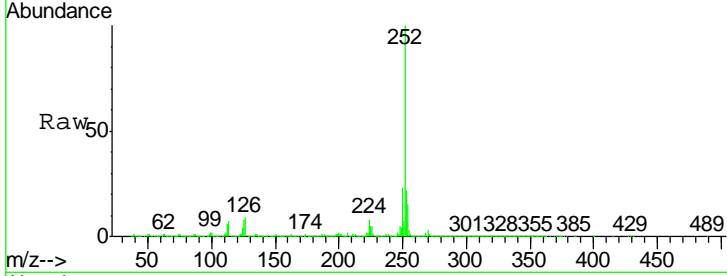
#85
 Benzo(b)fluoranthene
 Concen: 152.902 ng/ul
 RT: 22.84 min Scan# 3358
 Delta R.T. 0.02 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Instrument :
 BNA_M
 ClientSampled :
 F9A56

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.9	3.6	5.4#

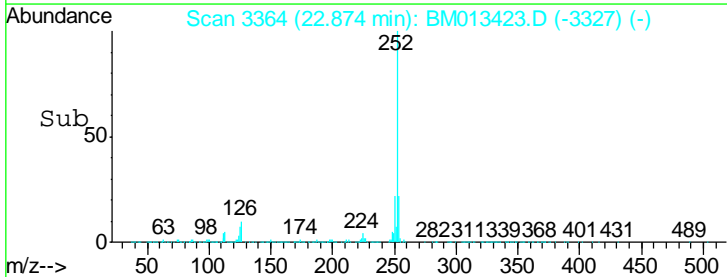
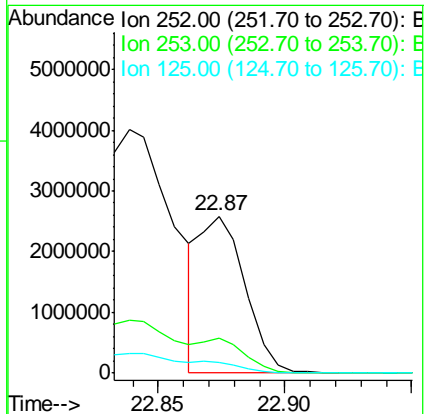
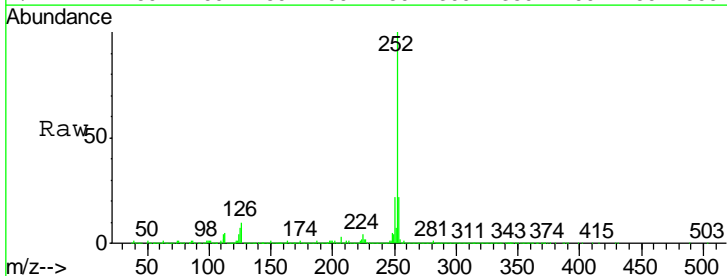
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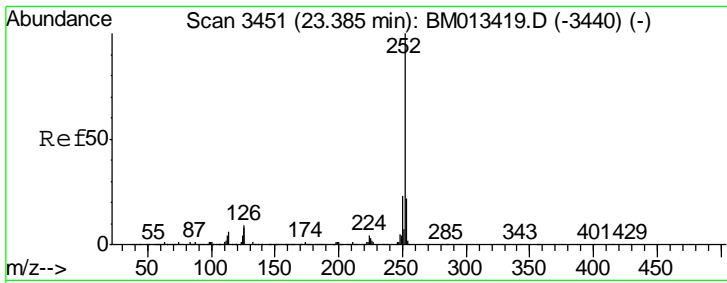
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#86
 Benzo(k)fluoranthene
 Concen: 54.756 ng/ul
 RT: 22.87 min Scan# 3364
 Delta R.T. 0.02 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	7.1	3.4	5.2#



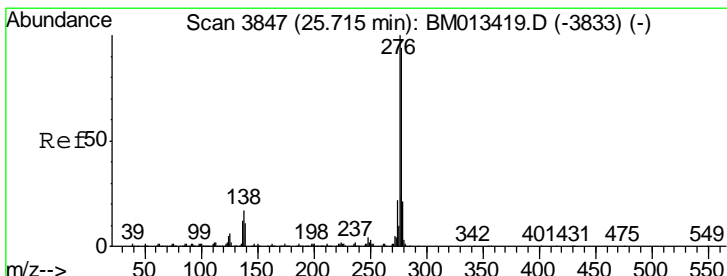
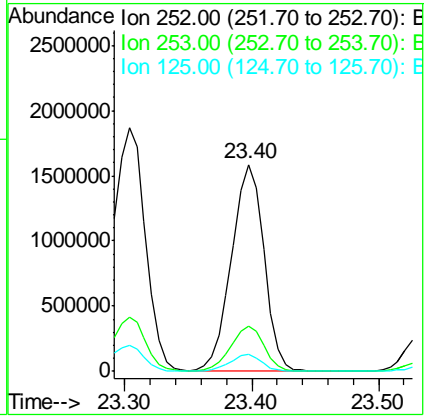
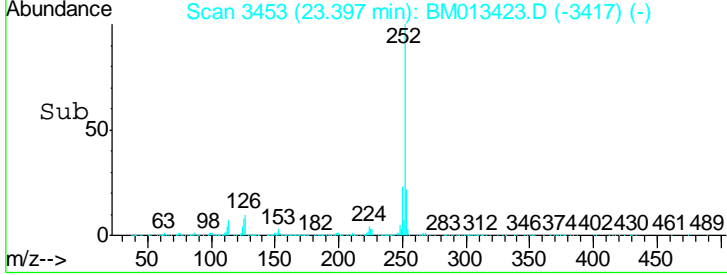
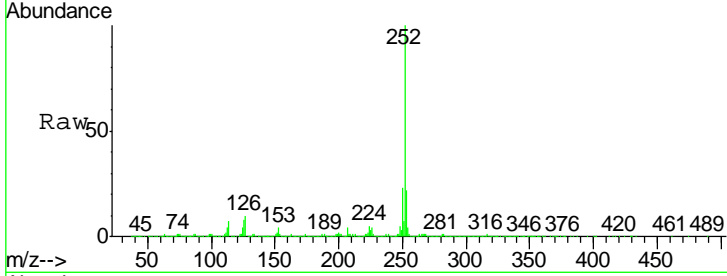


#88
 Benzo(a)pyrene
 Concen: 50.971 ng/ul
 RT: 23.40 min Scan# 3453
 Delta R.T. 0.01 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Instrument :
 BNA_M
ClientSampled :
 F9A56

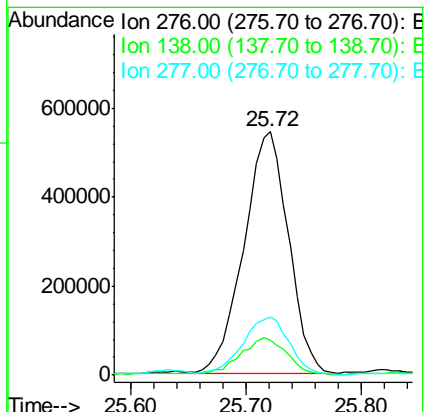
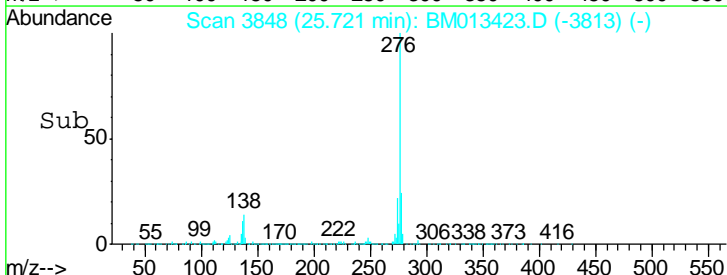
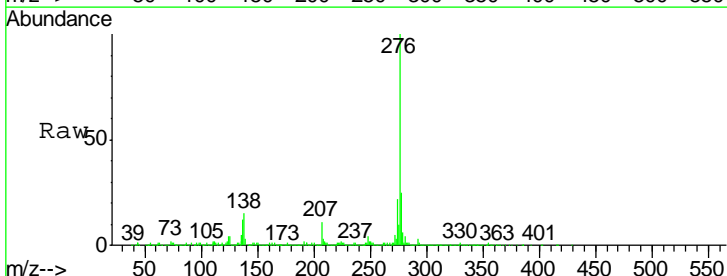
Tgt Ion	Ratio	Lower	Upper
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125	8.2	4.0	6.0

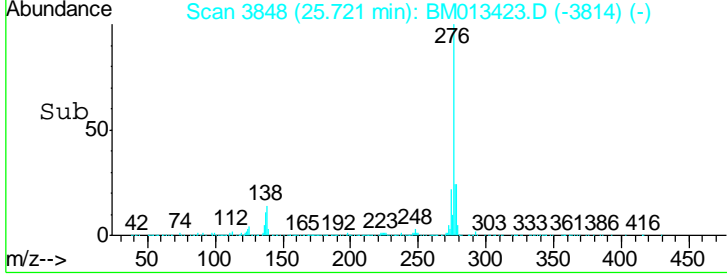
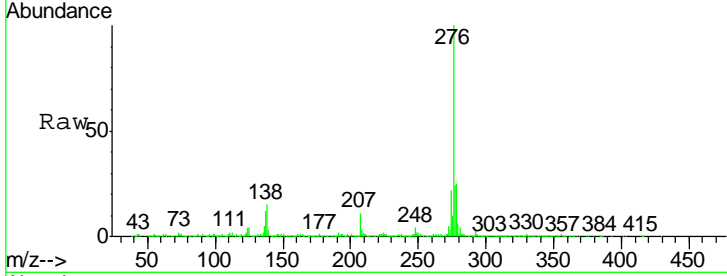
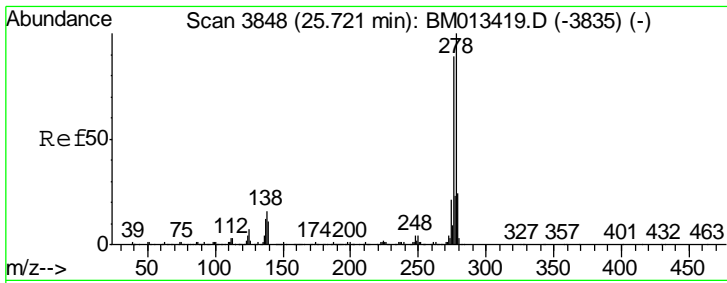
Manual Integrations
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#89
 Indeno(1,2,3-cd)pyrene
 Concen: 26.793 ng/ul
 RT: 25.72 min Scan# 3848
 Delta R.T. 0.01 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9
277	23.9	19.9	29.9



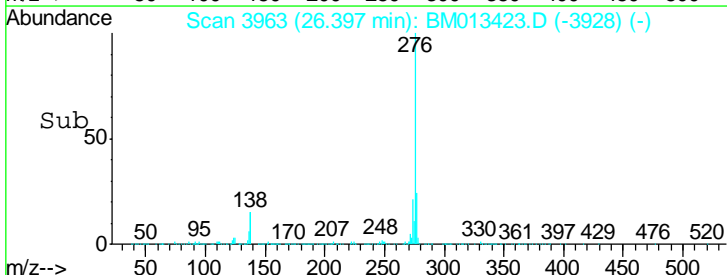
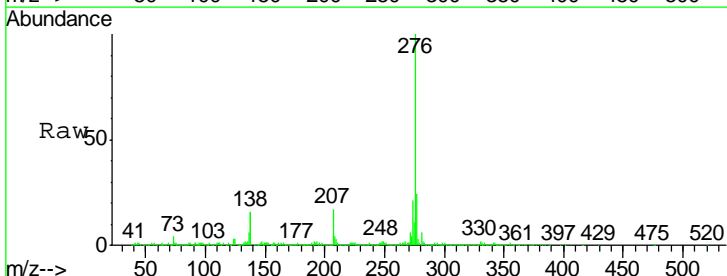
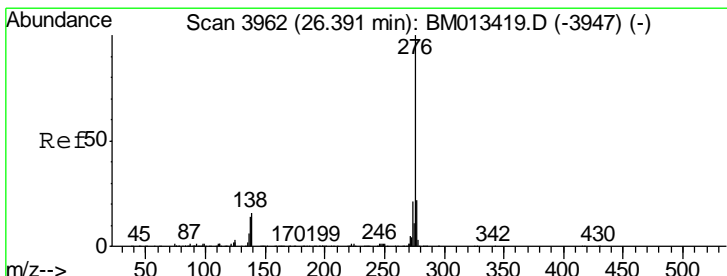
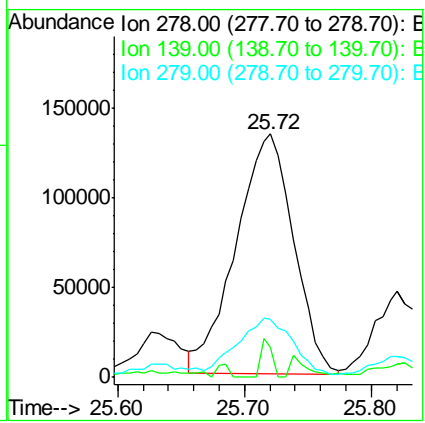


#90
 Dibenzo(a,h)anthracene
 Concen: 9.040 ng/ul
 RT: 25.72 min Scan# 3848
 Delta R.T. 0.00 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	5.8	8.8#
279	23.9	18.6	27.8

Instrument : BNA_M
 ClientSampled : F9A56

Manual Integrations APPROVED
 Sohil
 12/18/2017 2:07:26 PM



#91
 Benzo(g,h,i)perylene
 Concen: 25.016 ng/ul
 RT: 26.40 min Scan# 3963
 Delta R.T. 0.01 min
 Lab File: BM013423.D
 Acq: 15 Dec 2017 04:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	8.5	12.7#
277	23.9	18.6	28.0

