

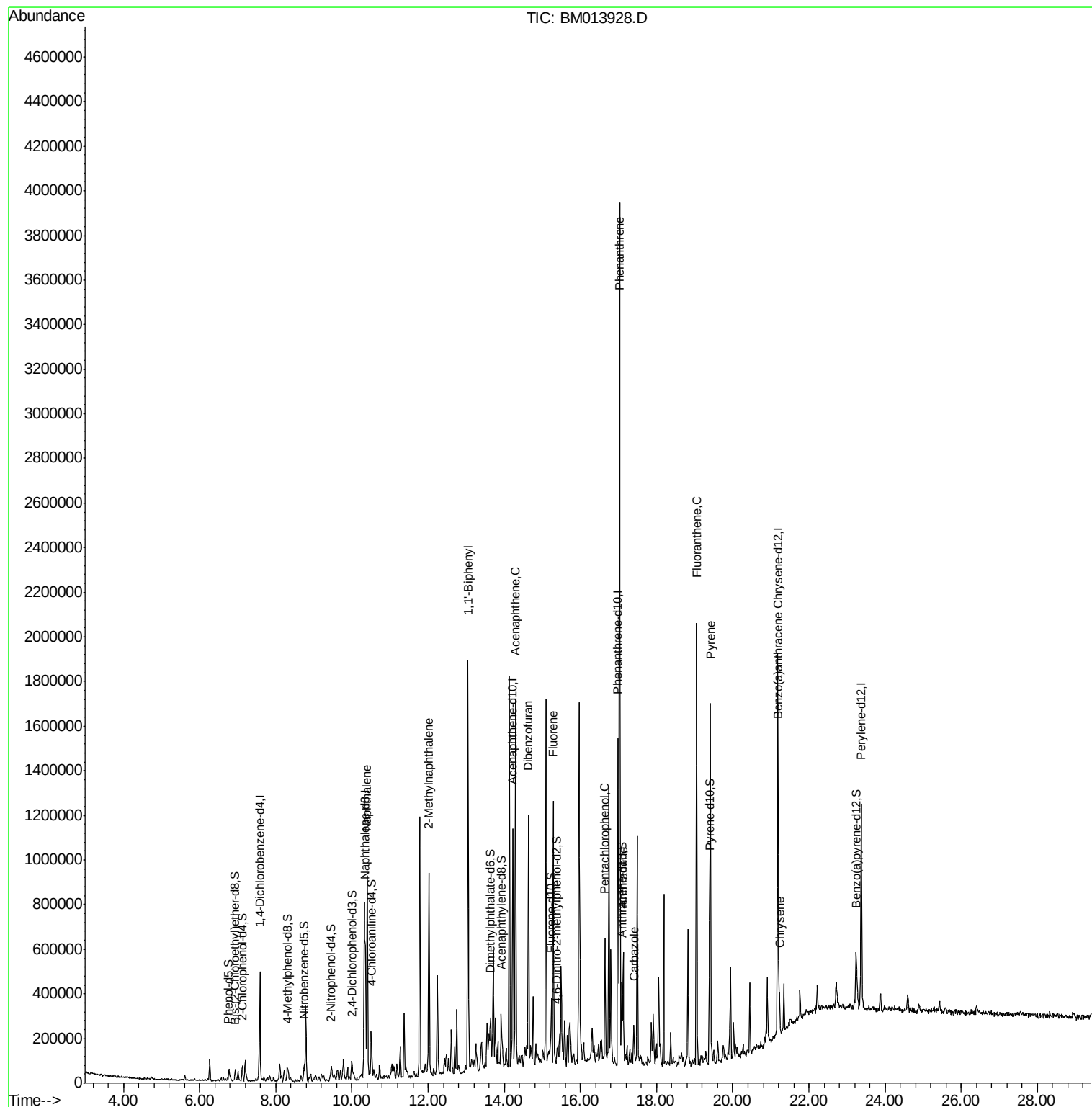
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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

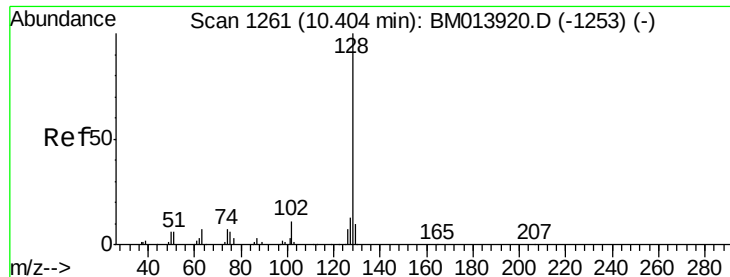
Instrument :
BNA_M
ClientSampleId :
F6A76MEDL

Manual Integrations
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Sohil
1/29/2018 6:07:56 PM

Quant Time: Feb 07 08:01:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration





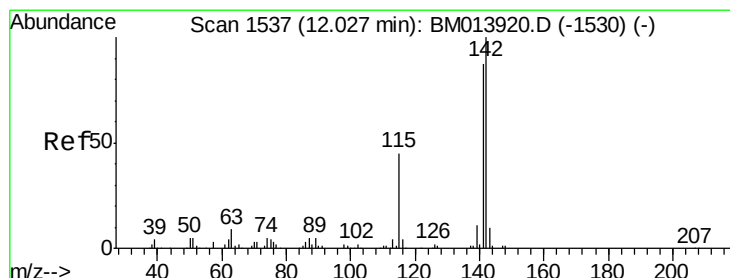
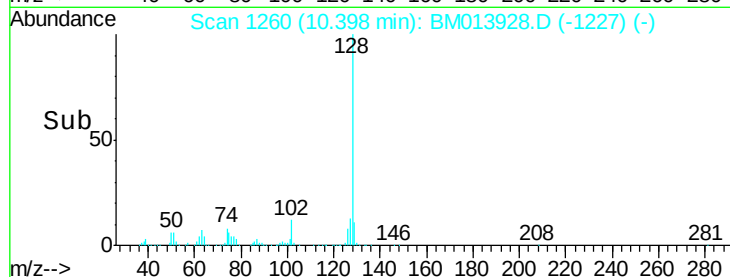
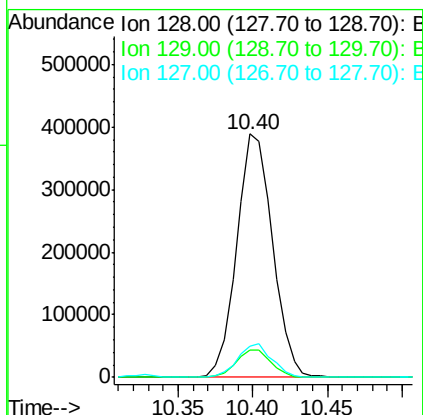
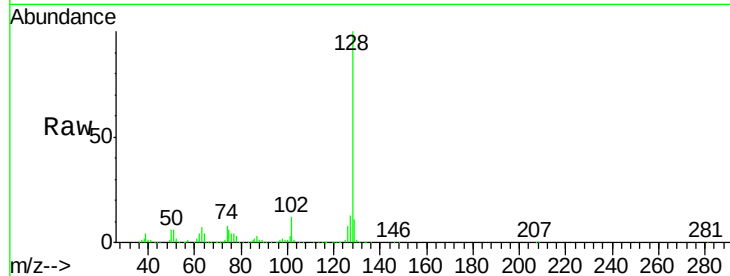
#28
Naphthalene
Concen: 27.248 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Instrument :
BNA_M
ClientSampled :
F6A76MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.7	10.6	16.0

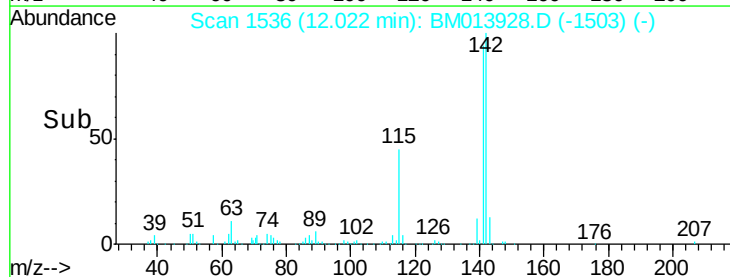
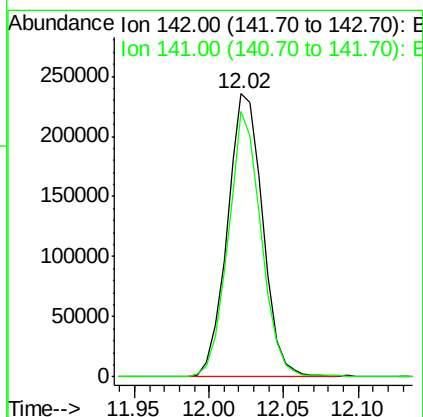
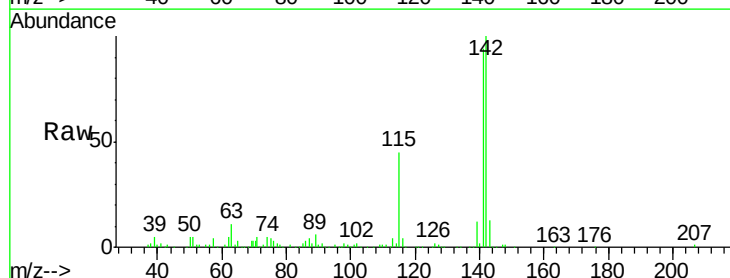
Manual Integrations
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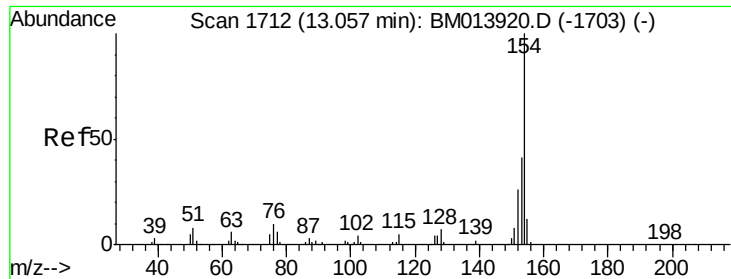
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#34
2-Methylnaphthalene
Concen: 21.830 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.1	111.1





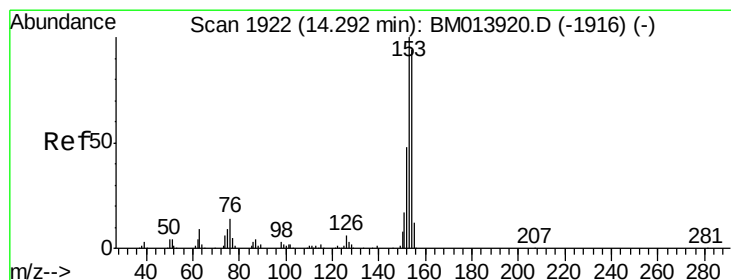
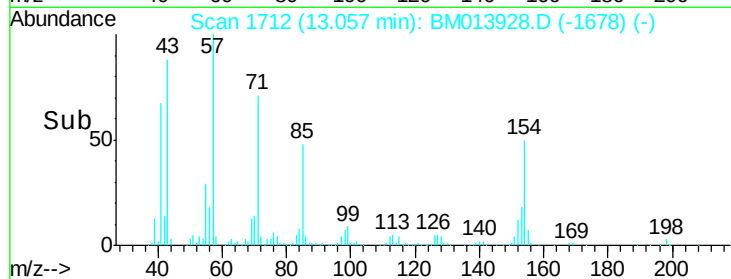
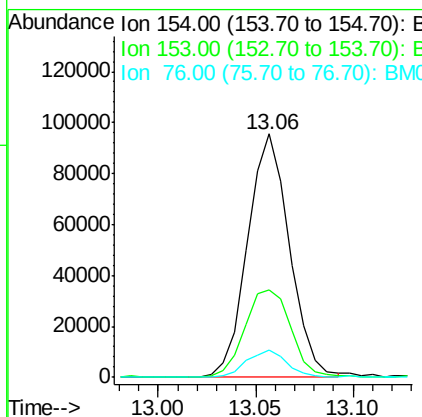
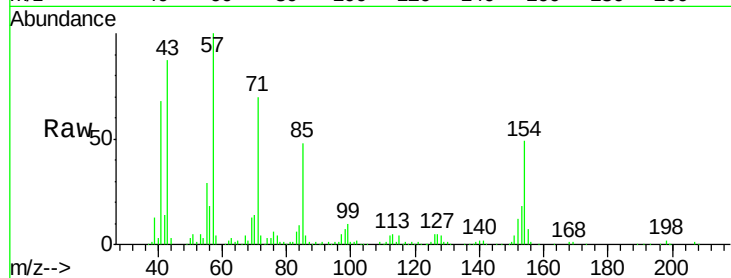
#40
1,1'-Biphenyl
Concen: 5.405 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Instrument :
BNA_M
ClientSampleId :
F6A76MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	35.7	32.6	48.8
76	11.4	8.5	12.7

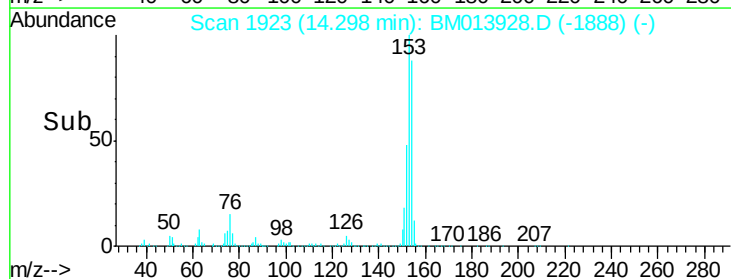
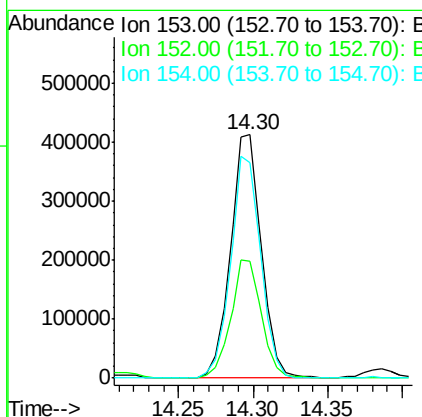
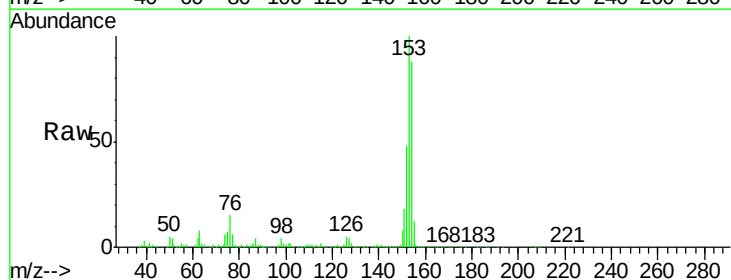
Manual Integrations
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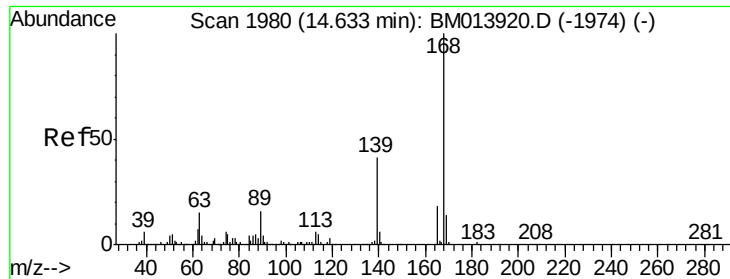
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#49
Acenaphthene
Concen: 28.328 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.6	56.4
154	88.4	70.4	105.6





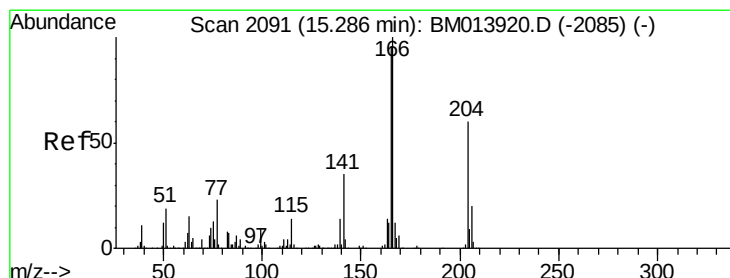
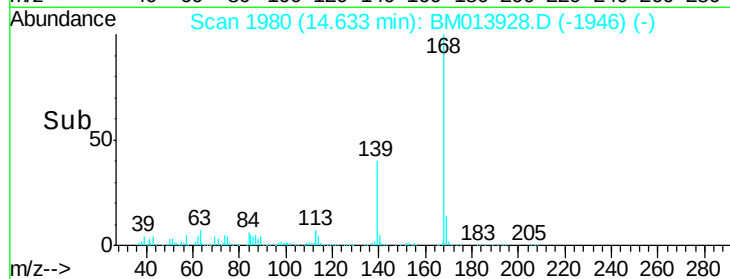
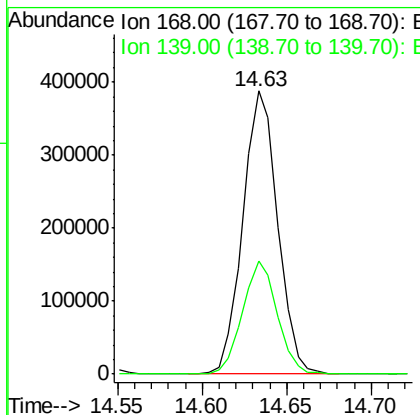
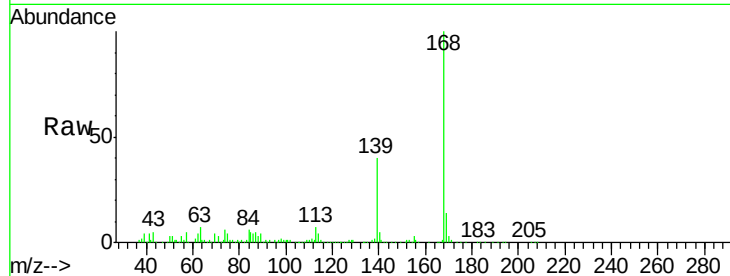
#53
Dibenzo(f,h)quinoxaline
Concen: 17.583 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Instrument :
BNA_M
ClientSampleId :
F6A76MEDL

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.8	46.2

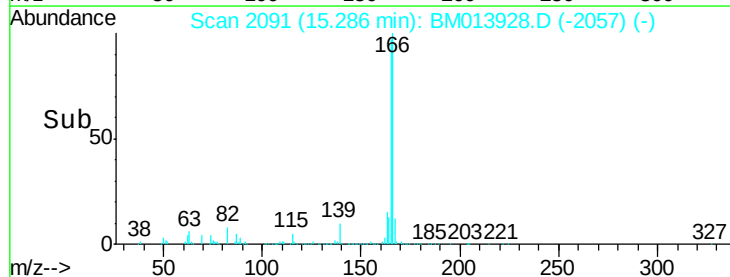
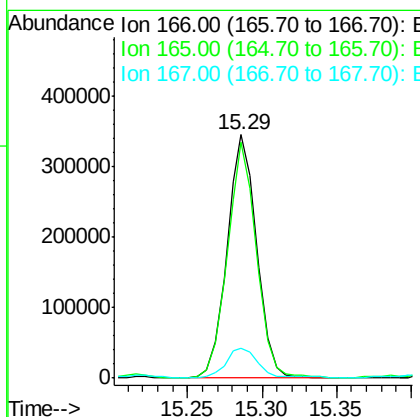
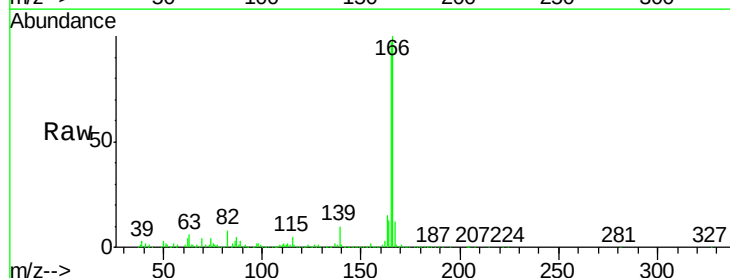
Manual Integrations
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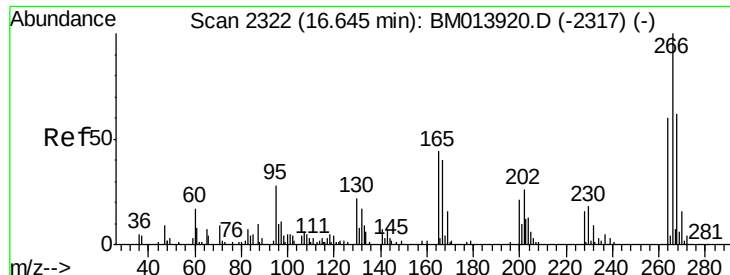
Sohil
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#58
Fluorene
Concen: 18.315 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	12.5	10.6	16.0





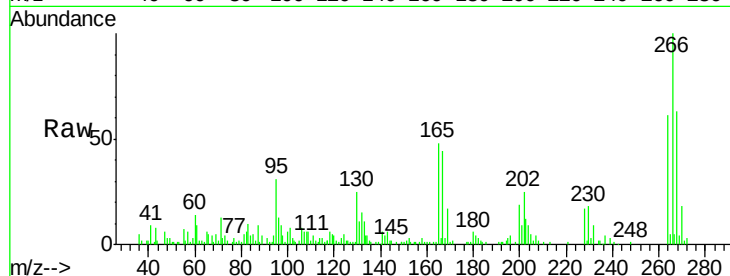
#68
 Pentachlorophenol
 Concen: 17.517 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013928.D
 Acq: 28 Jan 2018 18:40

Instrument :
 BNA_M
 ClientSampleId :
 F6A76MEDL

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.3	73.9
268	63.4	52.6	78.8

Manual Integrations
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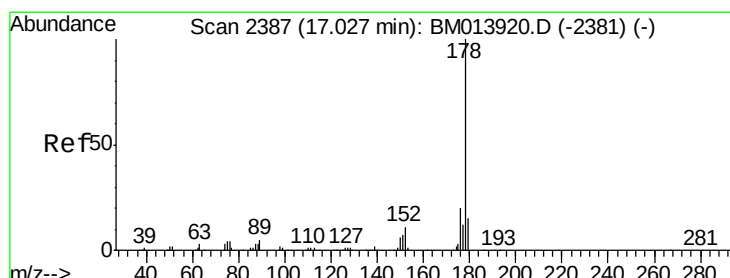
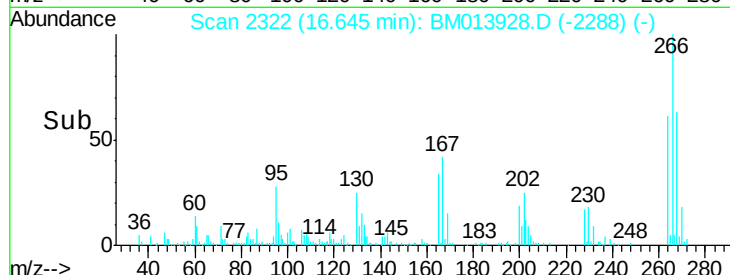
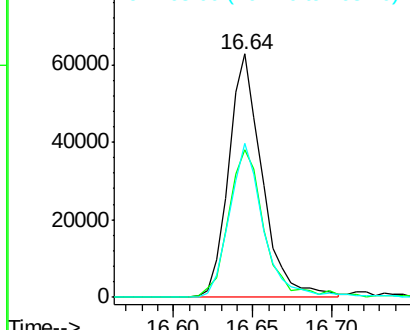


Abundance

Ion 265.70 (265.40 to 266.40): E

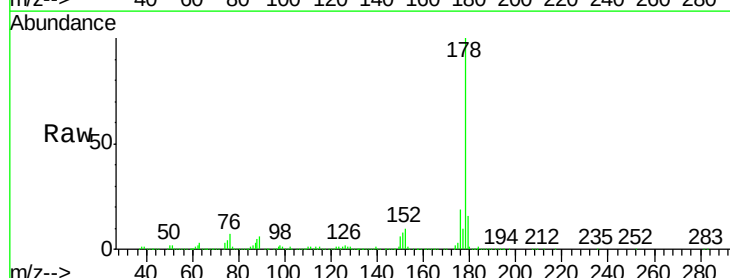
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 50.929 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM013928.D
 Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	18.5	14.9	22.3

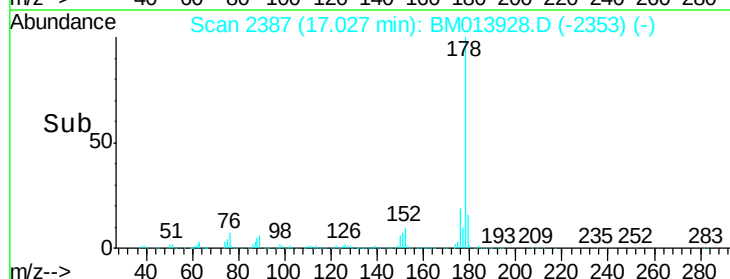
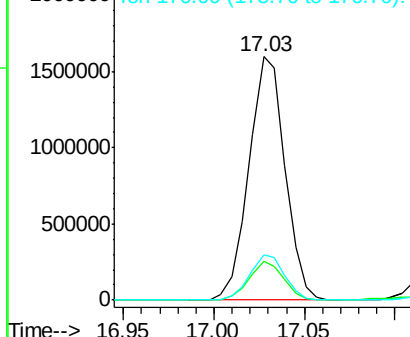


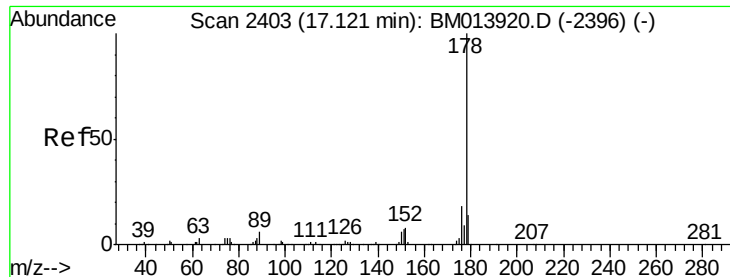
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





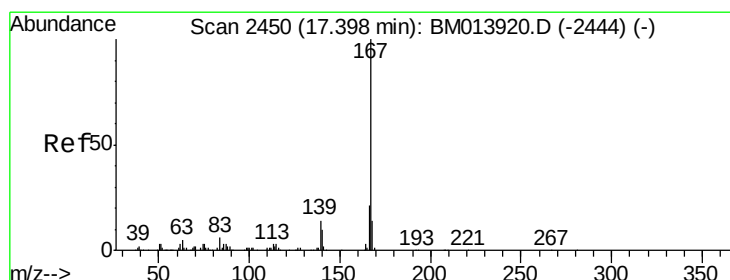
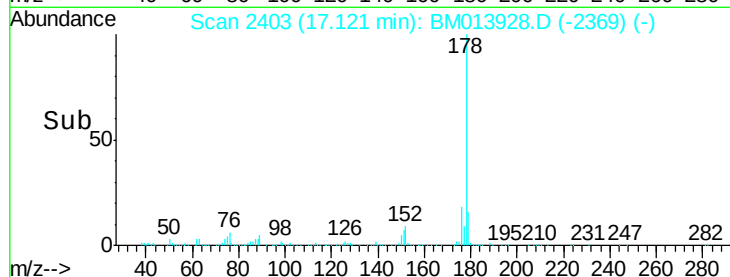
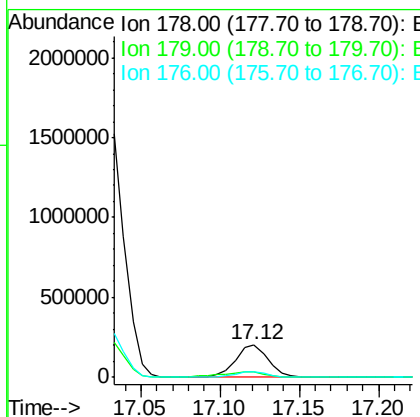
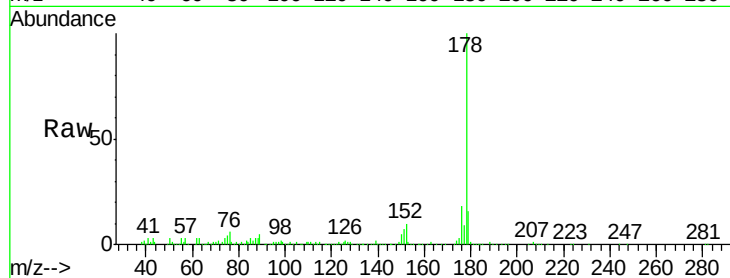
#71
 Anthracene
 Concen: 6.576 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BM013928.D
 Acq: 28 Jan 2018 18:40

Instrument :
 BNA_M
 ClientSampleId :
 F6A76MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	17.8	14.6	21.8

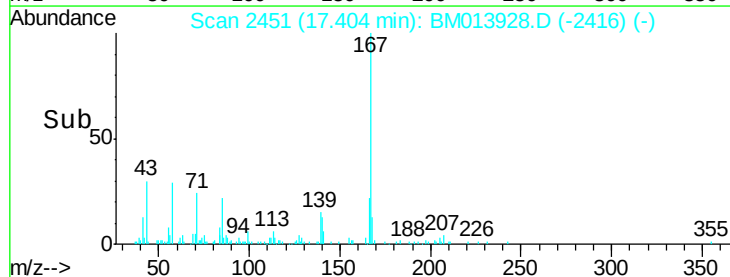
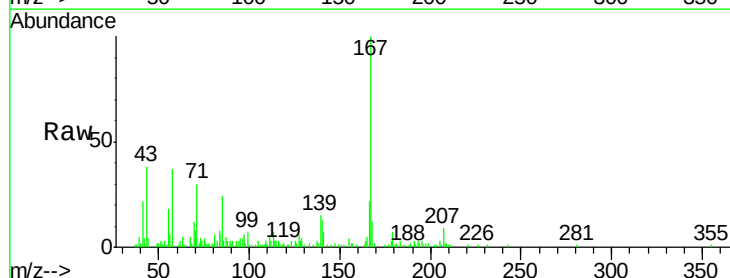
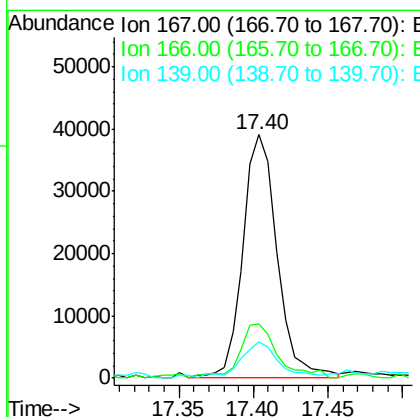
Manual Integrations
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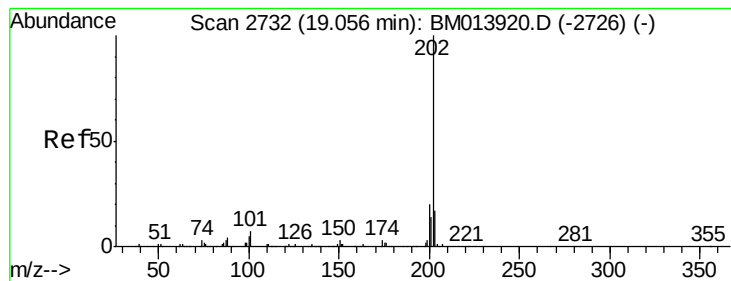
Sohil
 1/29/2018 6:07:56 PM



#72
 Carbazole
 Concen: 1.689 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BM013928.D
 Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	15.0	10.0	15.0#





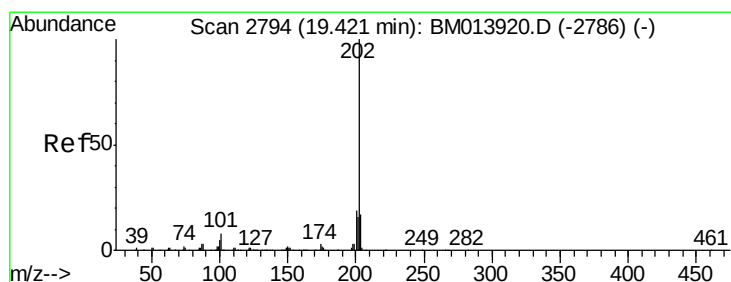
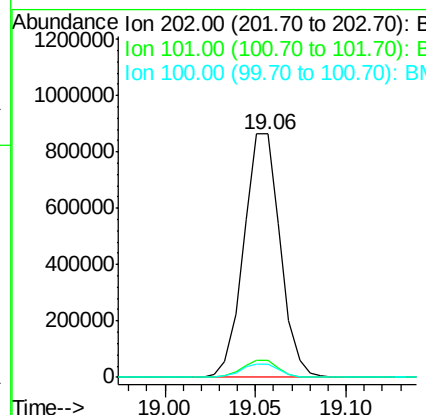
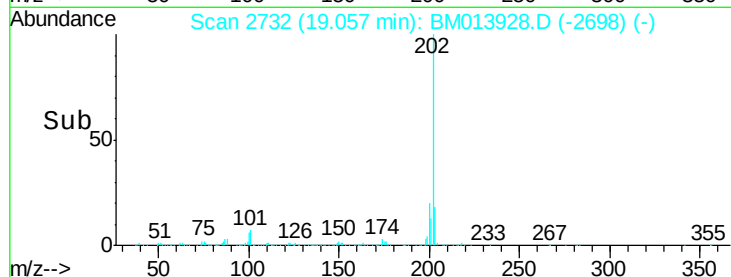
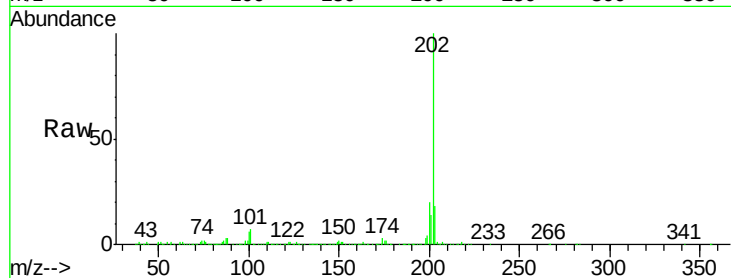
#74
 Fluoranthene
 Concen: 23.279 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM013928.D
 Acq: 28 Jan 2018 18:40

Instrument :
 BNA_M
 ClientSampleId :
 F6A76MEDL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1202150		
101	6.8		4.6	7.0
100	5.5		3.4	5.2#

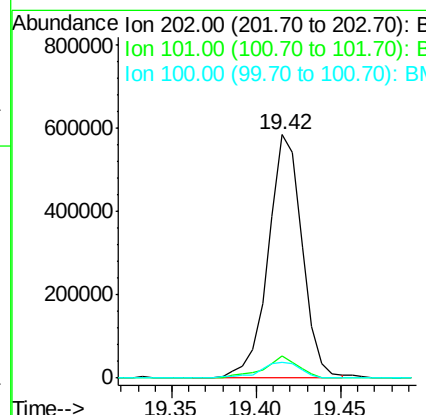
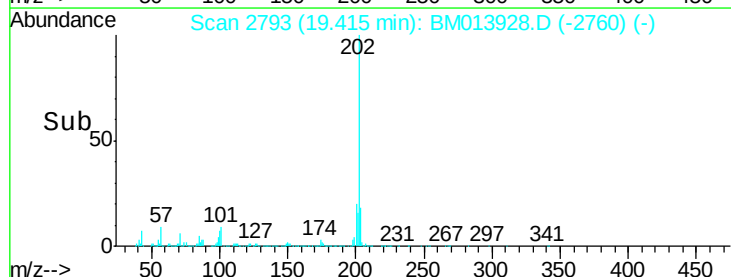
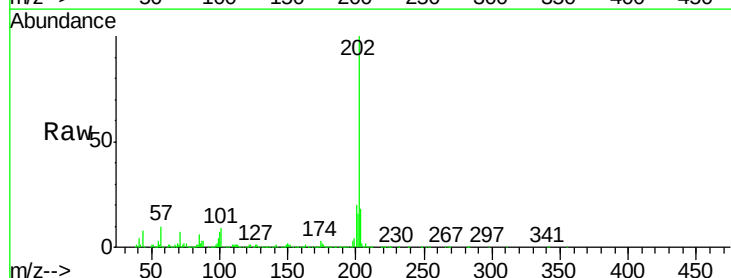
Manual Integrations
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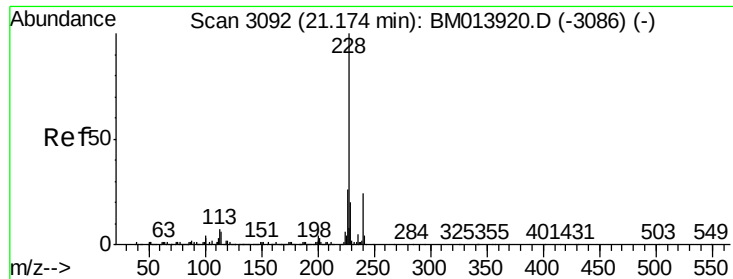
Sohil
 1/29/2018 6:07:56 PM



#77
 Pyrene
 Concen: 17.854 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM013928.D
 Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	813210		
101	9.2		5.1	7.7#
100	6.6		4.9	7.3





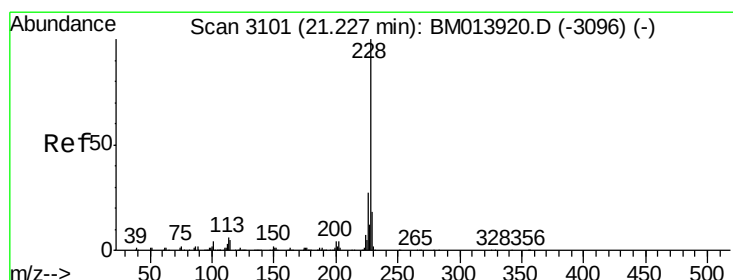
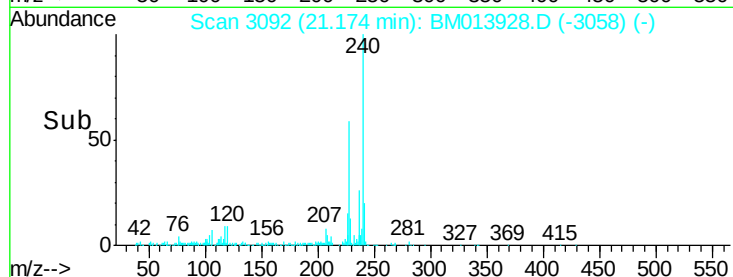
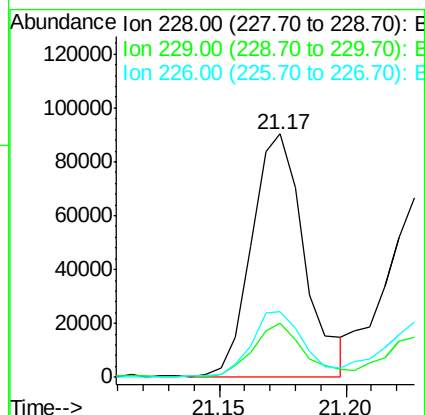
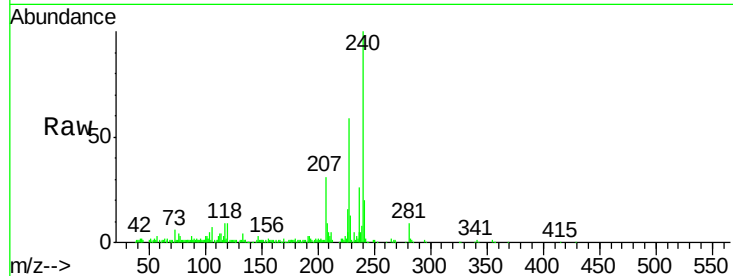
#80
Benzo(a)anthracene
Concen: 2.910 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Instrument :
BNA_M
ClientSampleId :
F6A76MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.0
226	26.9	21.4	32.0

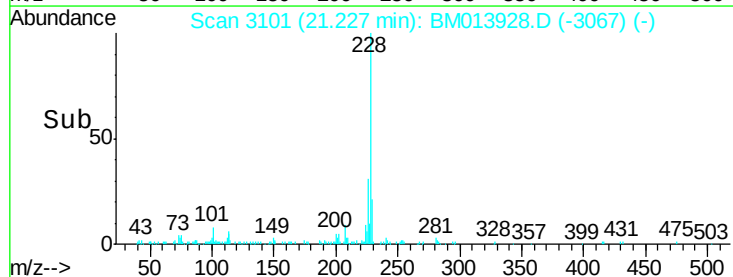
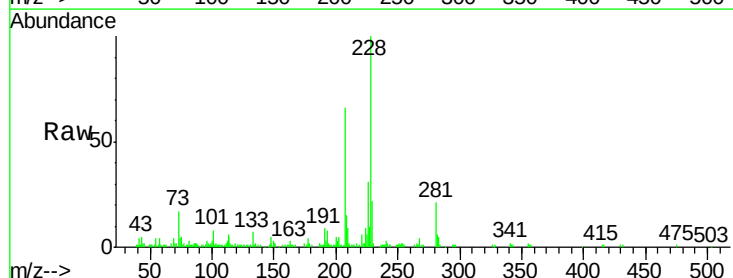
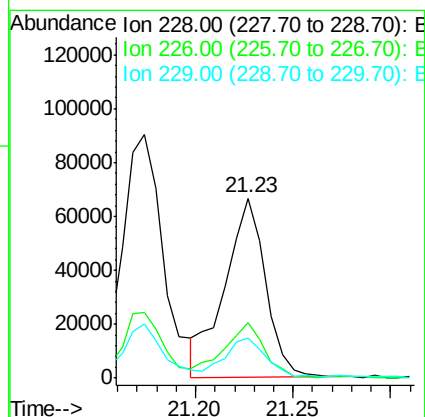
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#82
Chrysene
Concen: 2.316 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM013928.D
Acq: 28 Jan 2018 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.3	15.5	23.3



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013928.D
 Acq On : 28 Jan 2018 18:40
 Operator : SJ/JU
 Sample : J1223-10MEDL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A76MEDL

Manual Integrations
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 1/29/2018 6:07:56 PM

Quant Time: Feb 07 08:01:09 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 02:34:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	120325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	478768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	315768	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	778279	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	749216	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	703814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1124	0.37	ng/uL	0.00
5) Phenol-d5	6.77	99	32272	3.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	20263	3.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	29595	3.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	24357	3.43	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	14859m	4.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	14431	3.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	27305m	3.60	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	31167	4.74	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	111780	4.30	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	134330	4.05	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.23	176	105469	4.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	7913	1.69	ng/ul	0.01
70) Anthracene-d10	17.09	188	170854	4.51	ng/ul	0.00
76) Pyrene-d10	19.39	212	188351	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	145412	4.50	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	649016	27.248	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	387665	21.830	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	142076	5.405	ng/ul	93
49) Acenaphthene	14.30	153	595739	28.328	ng/ul	99
53) Dibenzofuran	14.63	168	556269	17.583	ng/ul	97
58) Fluorene	15.29	166	474642	18.315	ng/ul	99
68) Pentachlorophenol	16.64	266	92103	17.517	ng/ul	98
69) Phenanthrene	17.03	178	2203240	50.929	ng/ul	100
71) Anthracene	17.12	178	293424	6.576	ng/ul	98
72) Carbazole	17.40	167	62223	1.689	ng/ul#	96
74) Fluoranthene	19.06	202	1202150	23.279	ng/ul#	97
77) Pyrene	19.42	202	813210	17.854	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	131728	2.910	ng/ul	97
82) Chrysene	21.23	228	96183	2.316	ng/ul	96

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