

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012388.D
 Acq On : 22 Oct 2017 09:19
 Operator : SJ/JU
 Sample : I5701-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CH3

Manual Integrations
 APPROVED

Sohil
 10/23/2017 4:00:35 PM

Quant Time: Oct 23 08:57:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 08:22:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	321935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1432002	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	898980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2078678	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2030815	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1556648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	10586m	1.56	ng/uL	0.00
5) Phenol-d5	6.94	99	328700	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	202114	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	271793	12.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	324847	14.44	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	162270	14.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	201281	15.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	393068	16.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	410090	17.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1524604	19.19	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1786993	18.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	136765m	11.45	ng/ul	0.01
57) Fluorene-d10	15.41	176	1289790	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	180441	12.65	ng/ul	0.00
70) Anthracene-d10	17.27	188	1938721	18.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	2227936	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1435054	19.12	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.97	94	63301	2.344	ng/ul# 86
44) Dimethylphthalate	13.87	163	411748	5.173	ng/ul# 99
69) Phenanthrene	17.21	178	213935	1.809	ng/ul 99
74) Fluoranthene	19.22	202	963841	6.754	ng/ul# 97
77) Pyrene	19.59	202	921343	6.870	ng/ul# 95
80) Benzo(a)anthracene	21.34	228	689926	5.221	ng/ul 98
82) Chrysene	21.39	228	599624	4.833	ng/ul 96
85) Benzo(b)fluoranthene	22.95	252	771140	7.591	ng/ul# 97
86) Benzo(k)fluoranthene	22.99	252	232102m	2.371	ng/ul
88) Benzo(a)pyrene	23.54	252	471842	4.928	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.98	276	421511	4.146	ng/ul 98
90) Dibenzo(a,h)anthracene	25.97	278	128712	1.506	ng/ul# 86
91) Benzo(g,h,i)perylene	26.70	276	371354	4.459	ng/ul 97

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

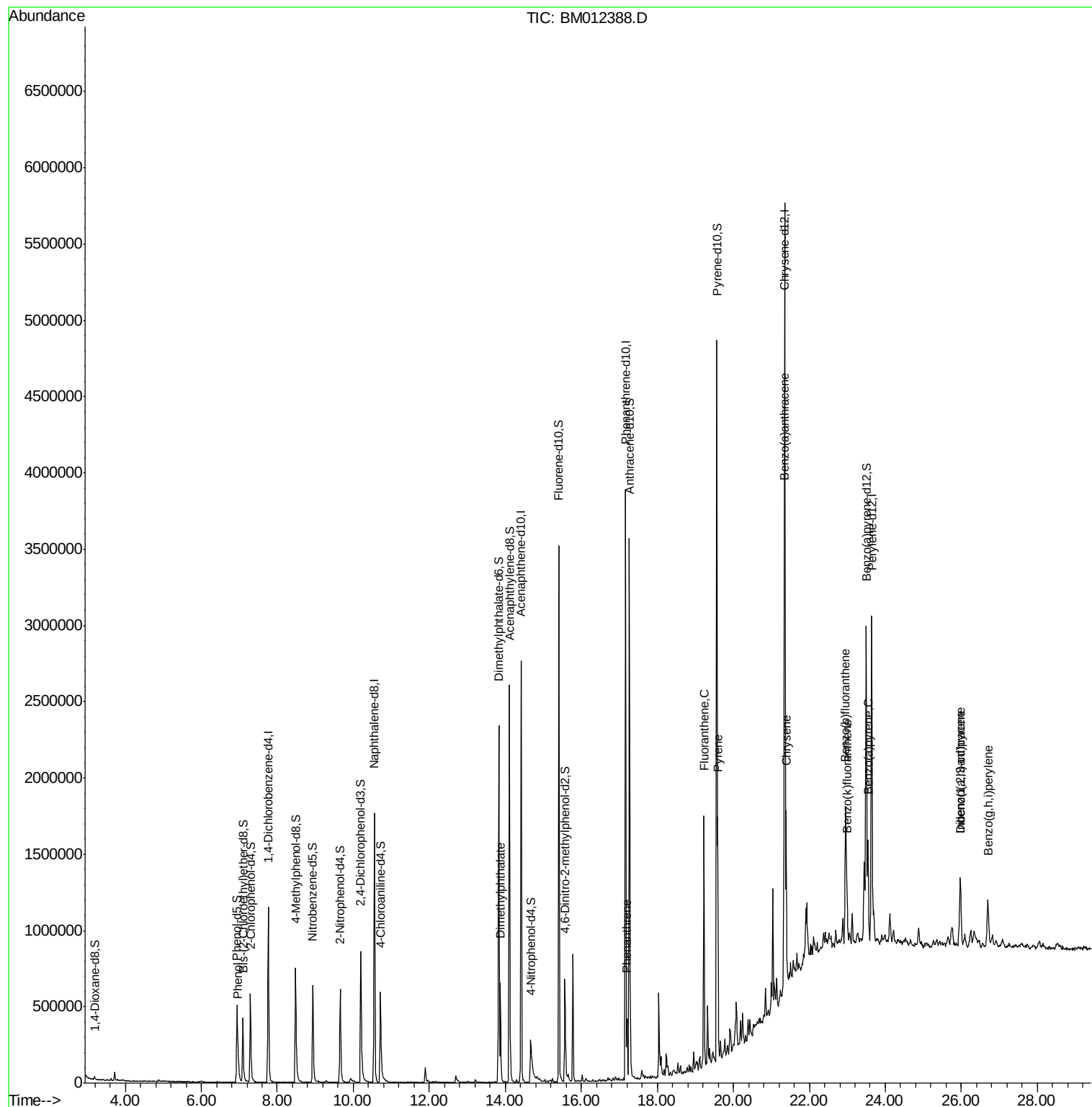
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012388.D
Acq On : 22 Oct 2017 09:19
Operator : SJ/JU
Sample : I5701-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

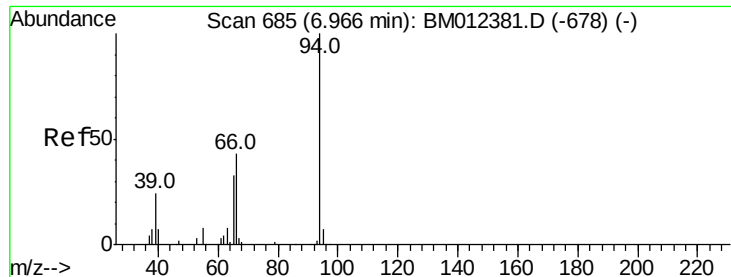
Instrument :
BNA_M
ClientSampled :
B0CH3

Quant Time: Oct 23 08:57:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 08:22:49 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 2.344 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

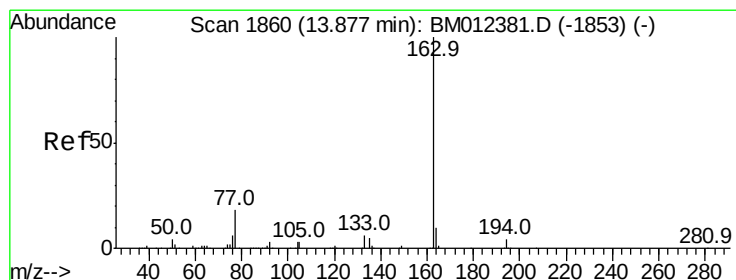
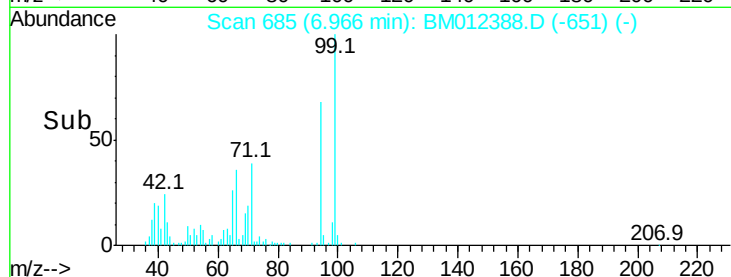
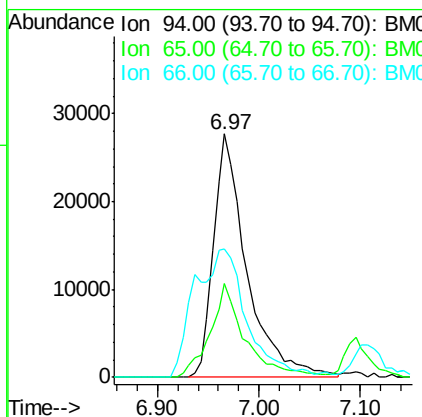
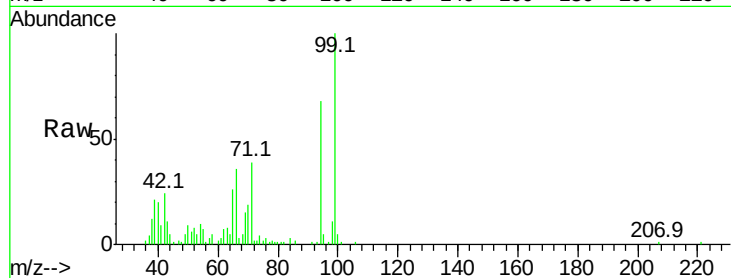
ClientSampled :

B0CH3

Tot Ion	Ratio	Lower	Upper
94	100		
65	38.5	24.4	36.6#
66	52.8	35.0	52.4#

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#44

Dimethylphthalate

Concen: 5.173 ng/ul

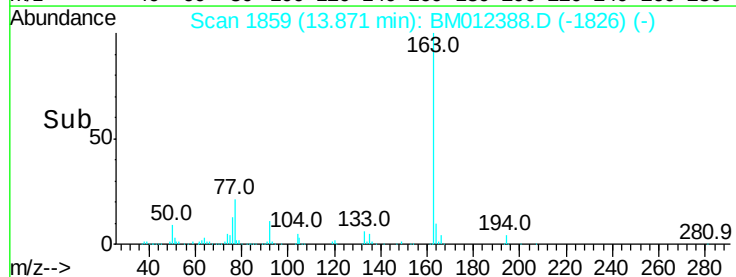
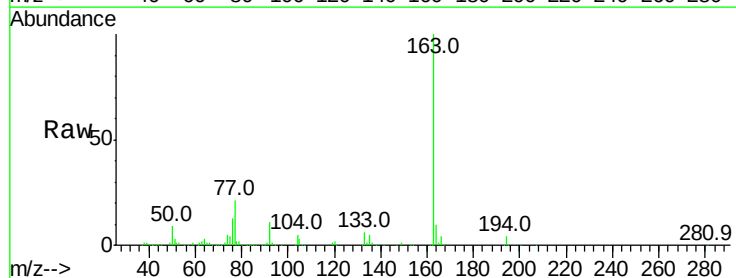
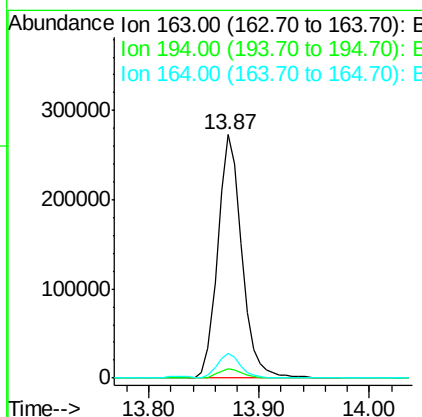
RT: 13.87 min Scan# 1859

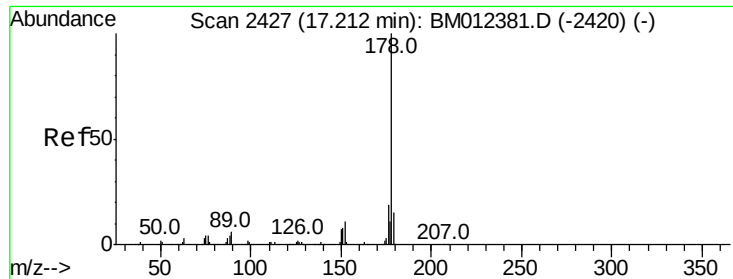
Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5#
164	10.0	8.1	12.1





#69

Phenanthrene

Concen: 1.809 ng/ul

RT: 17.21 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

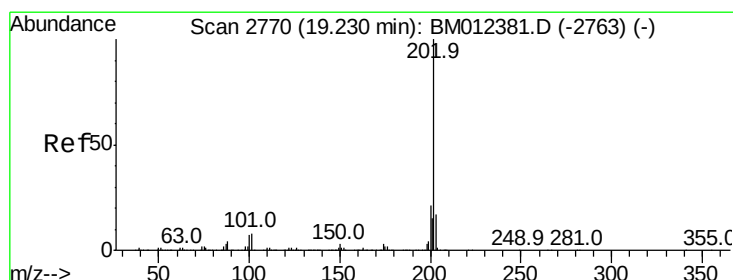
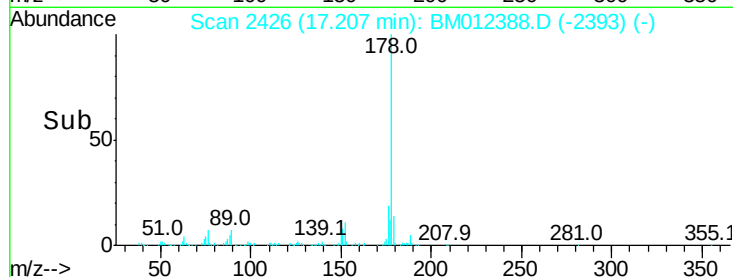
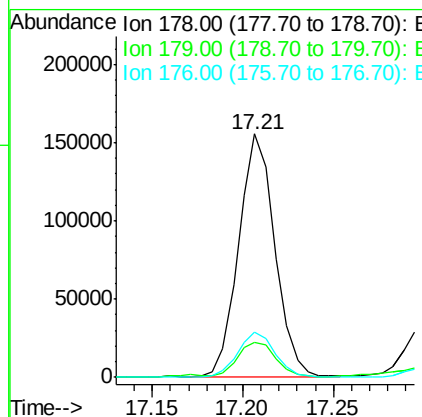
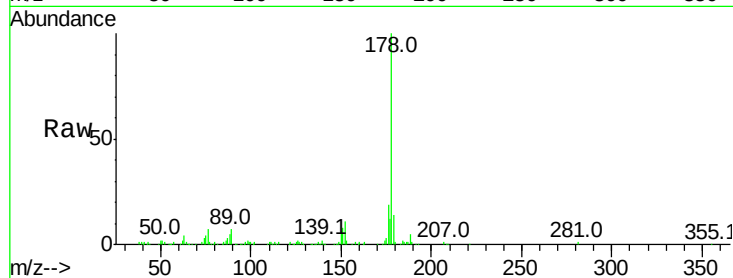
ClientSampleId :

B0CH3

Tot Ion:	178	Resp:	213935
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.0	18.0
176	18.7	15.0	22.6

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#74

Fluoranthene

Concen: 6.754 ng/ul

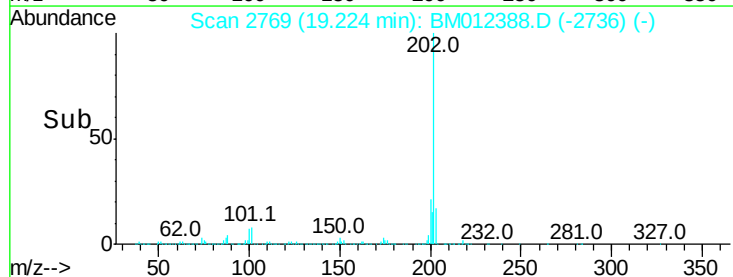
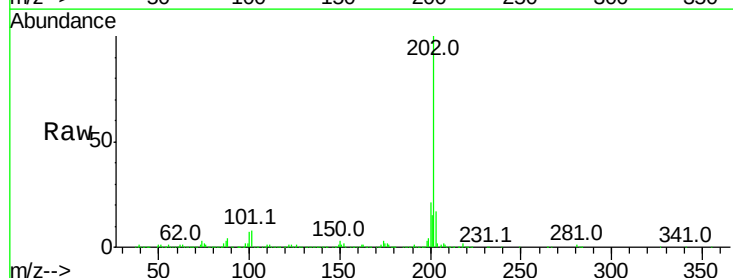
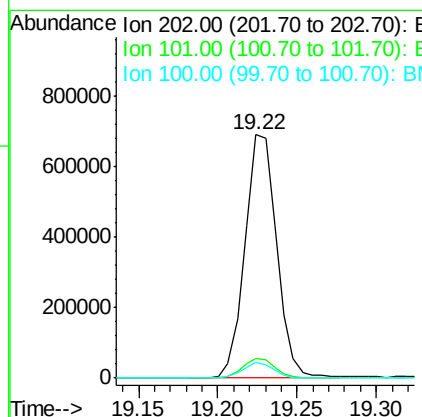
RT: 19.22 min Scan# 2769

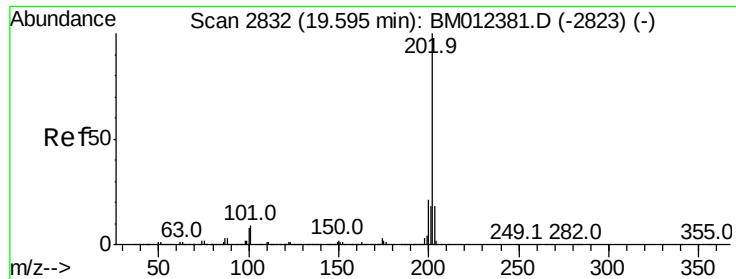
Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Tgt Ion:	202	Resp:	963841
Ion Ratio	Lower	Upper	
202	100		
101	8.2	5.8	8.6
100	6.5	4.3	6.5#





#77

Pvrene

Concen: 6.870 ng/ul

RT: 19.59 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

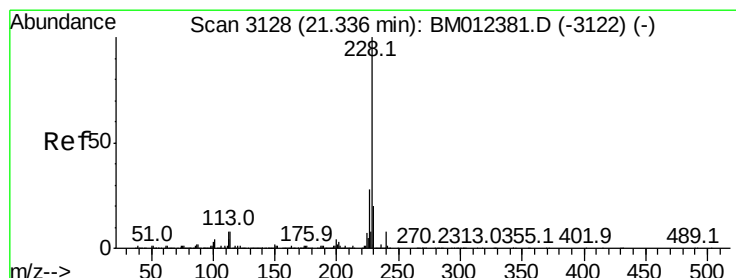
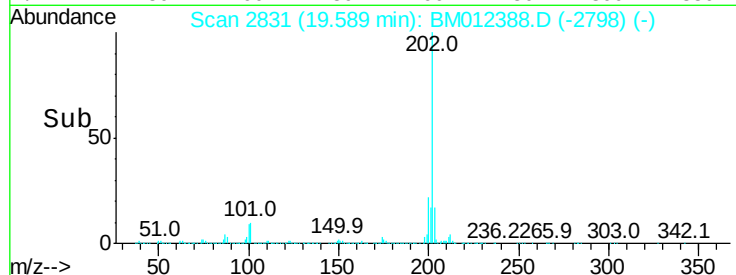
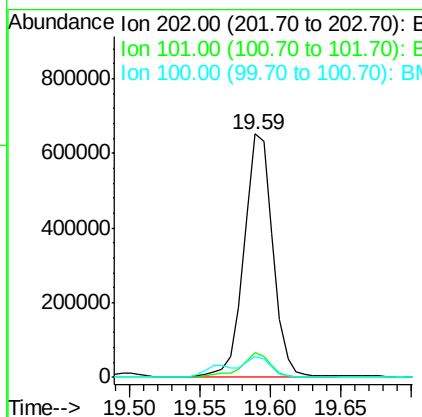
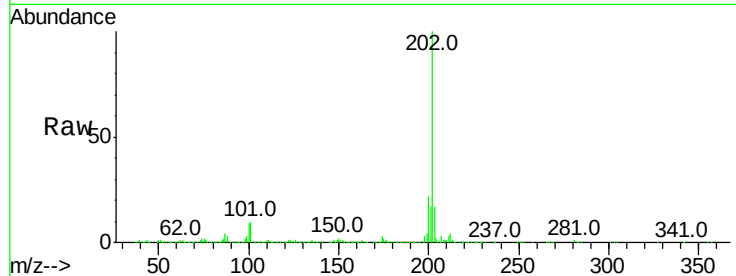
ClientSampleId :

B0CH3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	6.5	9.7#
100	8.6	5.6	8.4#

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#80

Benzo(a)anthracene

Concen: 5.221 ng/ul

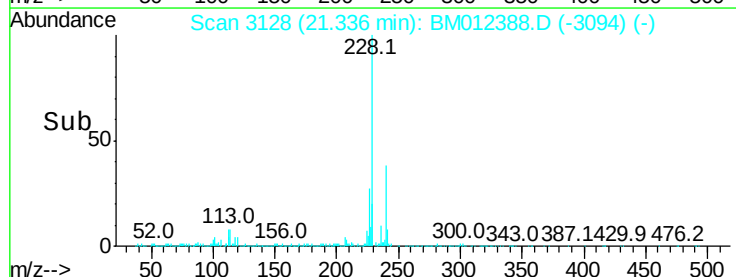
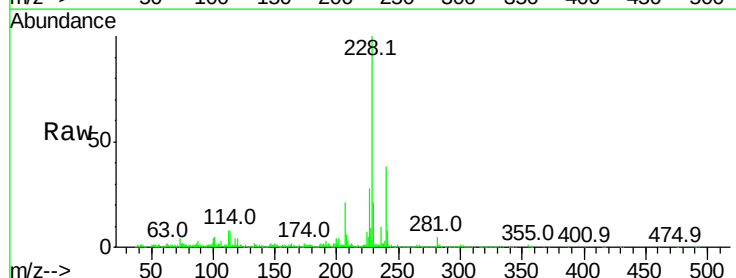
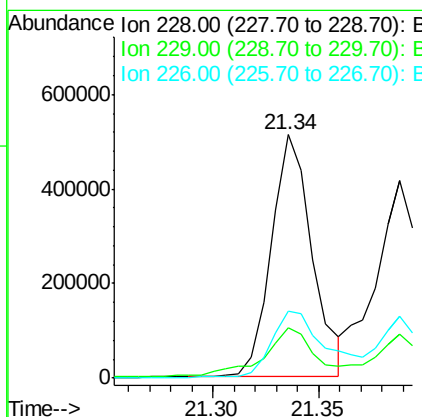
RT: 21.34 min Scan# 3128

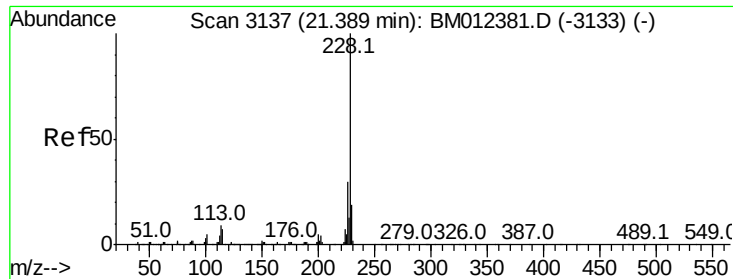
Delta R.T. -0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.8	23.8
226	27.5	21.4	32.2





#82

Chrysene

Concen: 4.833 ng/ul

RT: 21.39 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

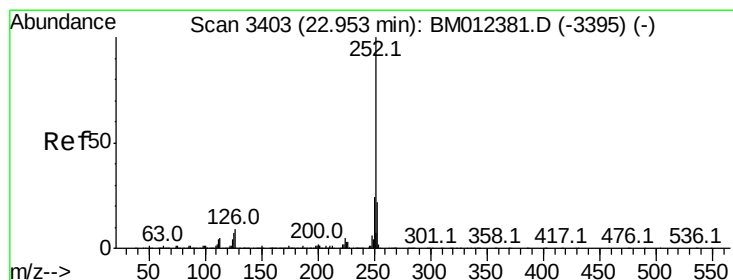
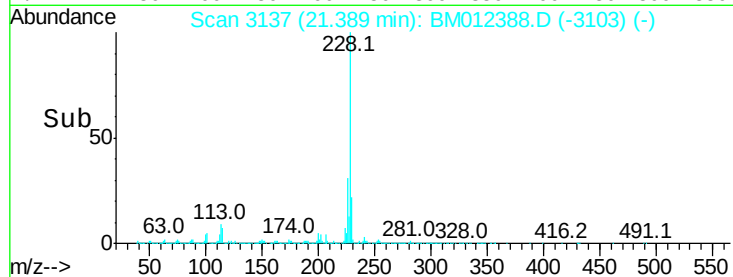
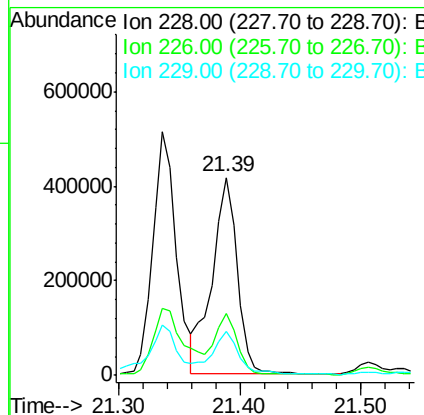
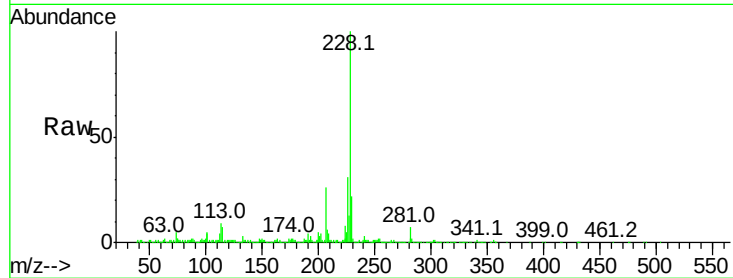
ClientSampleId :

B0CH3

Tot Ion:	228	Resp:	599624
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	22.3	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 7.591 ng/ul

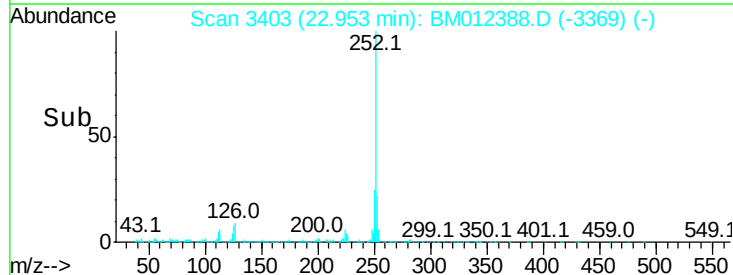
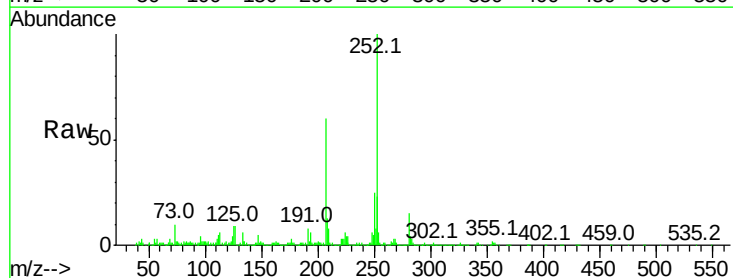
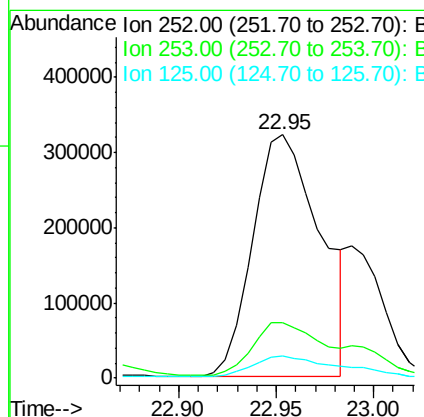
RT: 22.95 min Scan# 3403

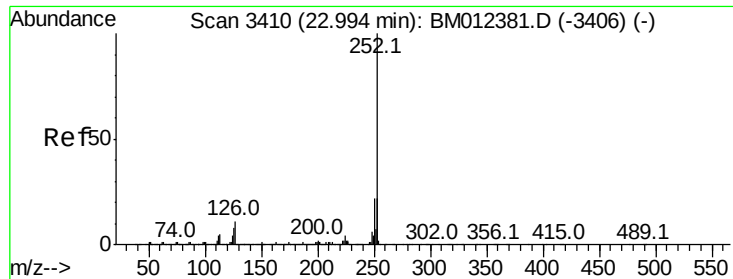
Delta R.T. 0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Tgt Ion:	252	Resp:	771140
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	9.0	5.1	7.7#





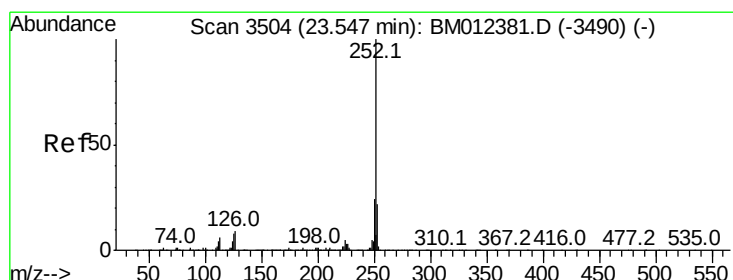
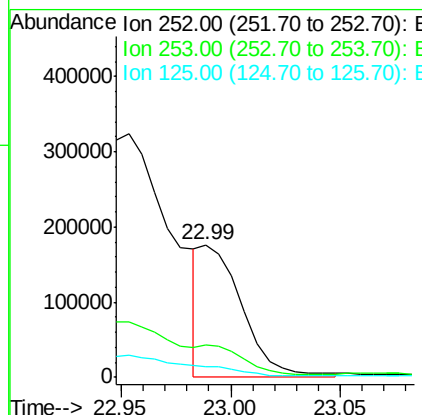
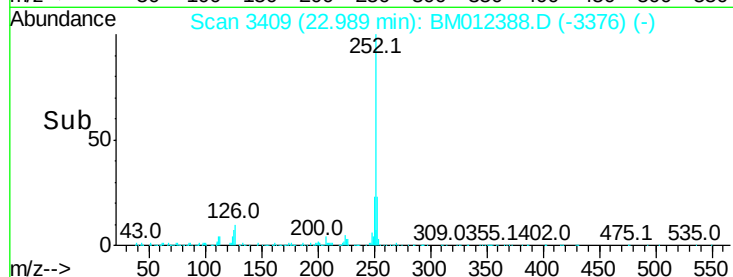
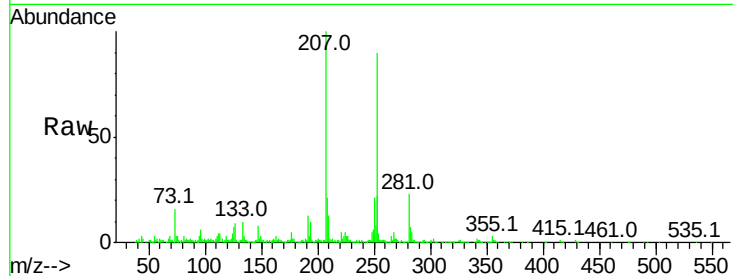
#86
Benzo(k)fluoranthene
Concen: 2.371 ng/ul m
RT: 22.99 min Scan# 3409
Delta R.T. -0.01 min
Lab File: BM012388.D
Acq: 22 Oct 2017 09:19

Instrument :
BNA_M
ClientSampled :
B0CH3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	8.1	4.9	7.3#

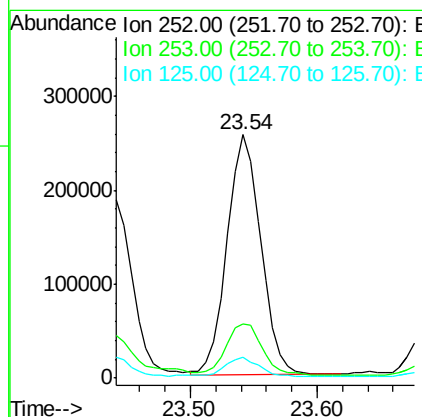
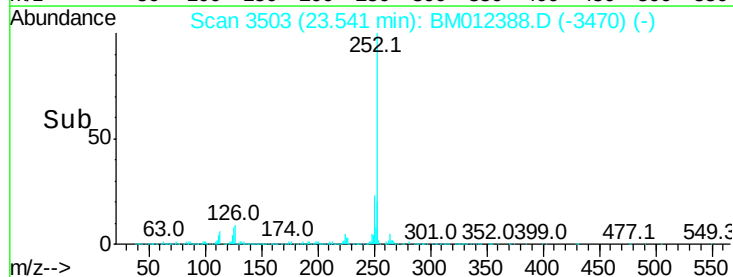
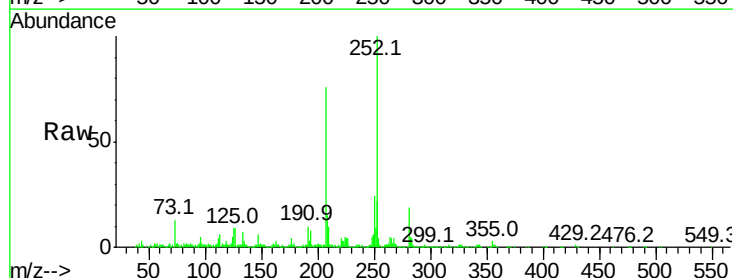
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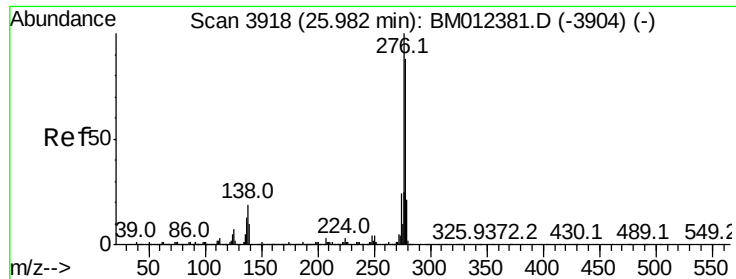
Sohil
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#88
Benzo(a)pyrene
Concen: 4.928 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012388.D
Acq: 22 Oct 2017 09:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.8	5.2	7.8#





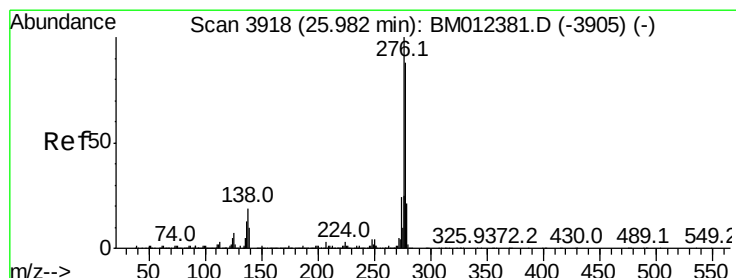
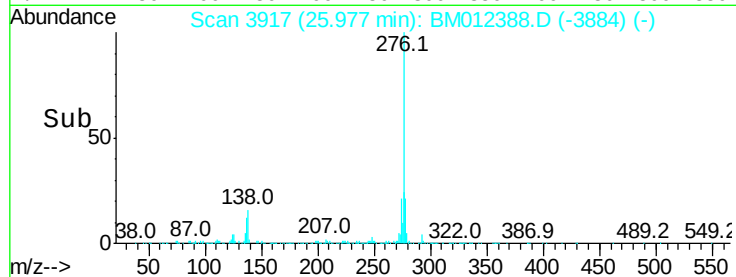
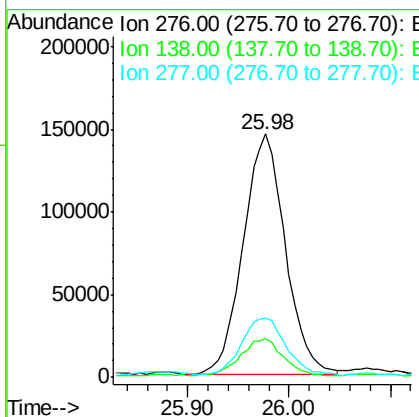
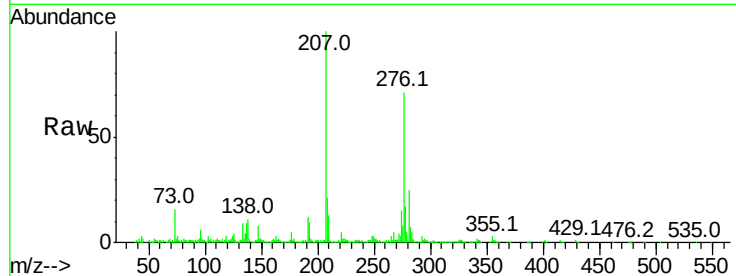
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.146 ng/ul
 RT: 25.98 min Scan# 3917
 Delta R.T. -0.01 min
 Lab File: BM012388.D
 Acq: 22 Oct 2017 09:19

Instrument :
 BNA_M
 ClientSampleId :
 B0CH3

Tot Ion:	276	Resp:	421511
Ion Ratio	Lower	Upper	
276	100		
138	15.9	13.2	19.8
277	24.3	20.6	31.0

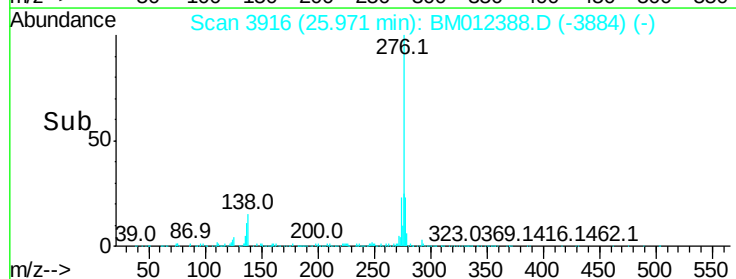
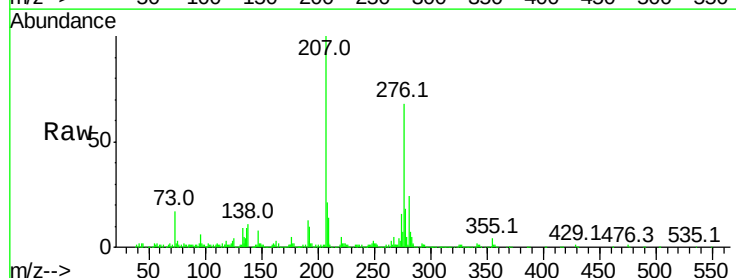
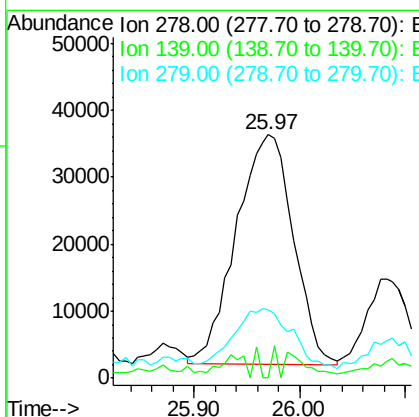
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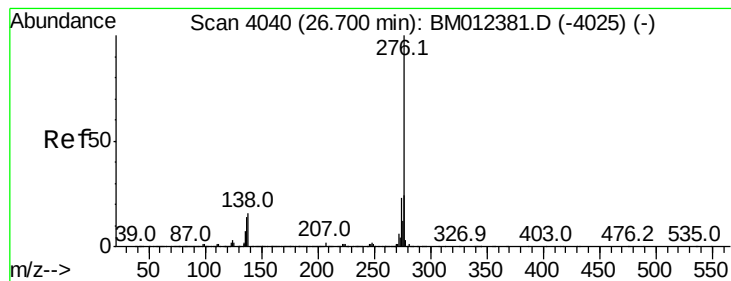
Sohil
 10/23/2017 4:00:35 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.506 ng/ul
 RT: 25.97 min Scan# 3916
 Delta R.T. -0.01 min
 Lab File: BM012388.D
 Acq: 22 Oct 2017 09:19

Tgt Ion:	278	Resp:	128712
Ion Ratio	Lower	Upper	
278	100		
139	0.0	8.3	12.5#
279	28.0	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 4.459 ng/ul

RT: 26.70 min Scan# 4040

Delta R.T. 0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

ClientSampleId :

B0CH3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	10.7	16.1
277	24.6	19.0	28.4

Manual Integrations
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