

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012033.D
 Acq On : 10 Oct 2017 03:28
 Operator : SJ/JU
 Sample : I5533-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-56(2-4)-092717

Manual Integrations
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Quant Time: Oct 10 07:43:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 02:27:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	208946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	940892	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	595768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1452571	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1862538	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2016225	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16879m	3.82	ng/uL	0.00
5) Phenol-d5	7.00	99	260884	14.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	173994	16.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	233356	16.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	188348	12.12	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	108753	16.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	121954	16.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	242714	15.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	249698	15.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	965993	18.71	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1102281	18.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	87067m	9.65	ng/ul	0.00
57) Fluorene-d10	15.48	176	842040	18.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	108325	11.08	ng/ul	0.00
70) Anthracene-d10	17.33	188	1324632	18.51	ng/ul	0.00
76) Pyrene-d10	19.63	212	1750506	20.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1860980	19.19	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.03	94	27069	1.522	ng/ul 93
44) Dimethylphthalate	13.95	163	230249	4.635	ng/ul 99
69) Phenanthrene	17.28	178	148627	1.860	ng/ul 98
74) Fluoranthene	19.29	202	299444	3.072	ng/ul# 91
77) Pyrene	19.65	202	273603	2.649	ng/ul# 89
80) Benzo(a)anthracene	21.39	228	159479	1.495	ng/ul 100
81) Bis(2-ethylhexyl)phthalate	21.31	149	289893	4.817	ng/ul# 98
82) Chrysene	21.44	228	159776	1.576	ng/ul 96
85) Benzo(b)fluoranthene	23.03	252	215682	1.760	ng/ul# 93
88) Benzo(a)pyrene	23.63	252	150938	1.282	ng/ul# 96

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

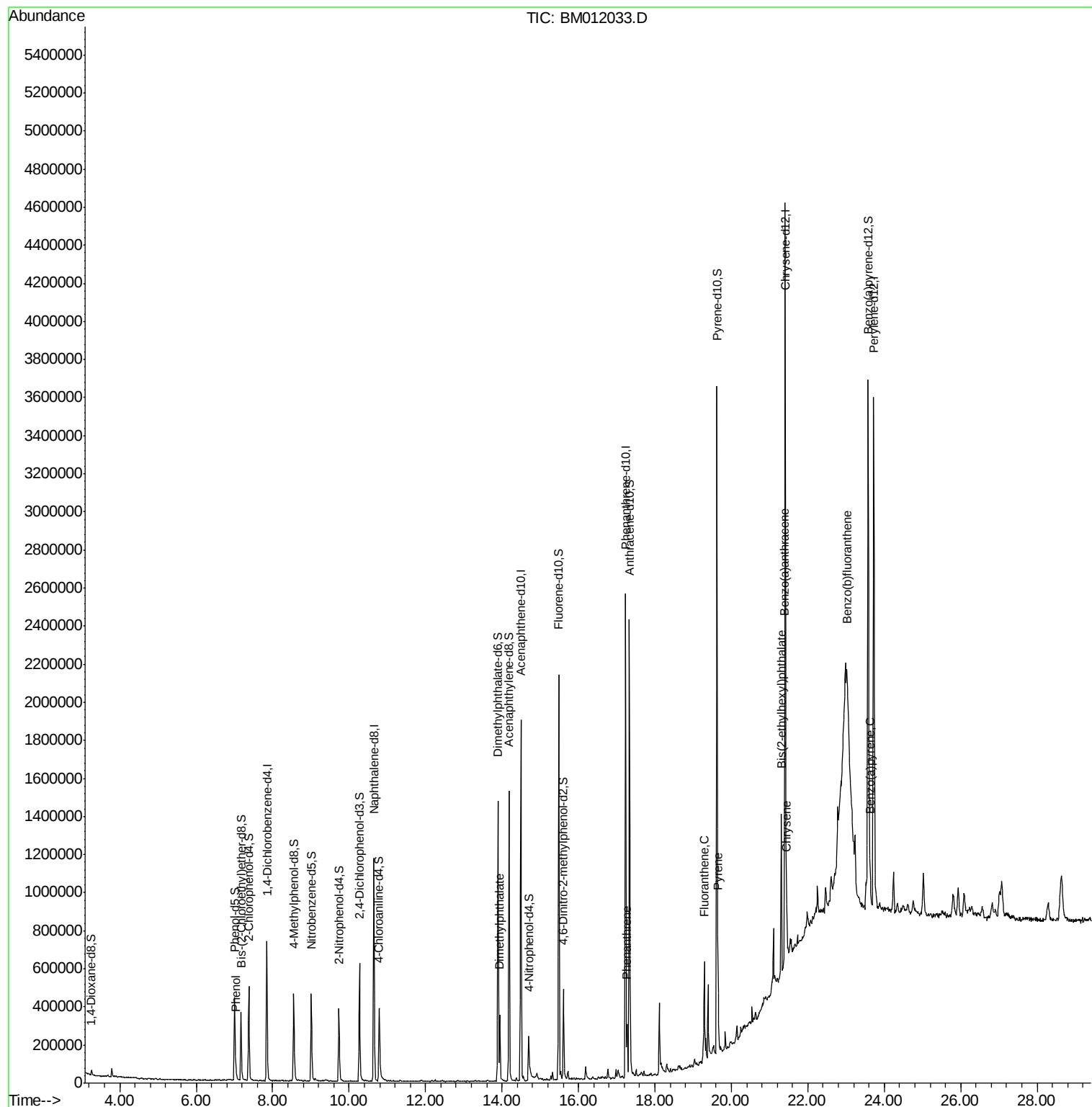
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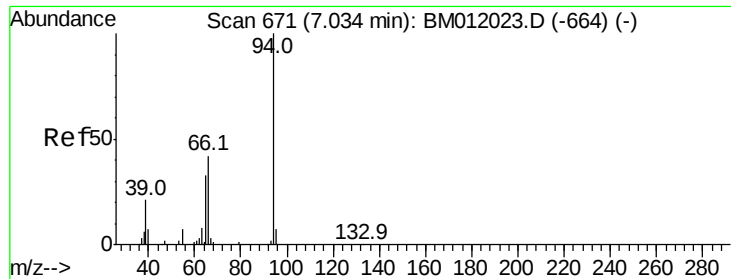
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#6

Phenol

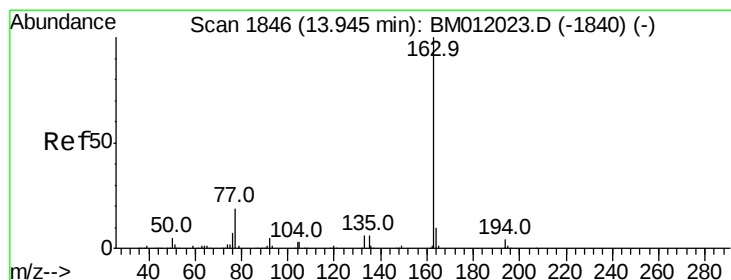
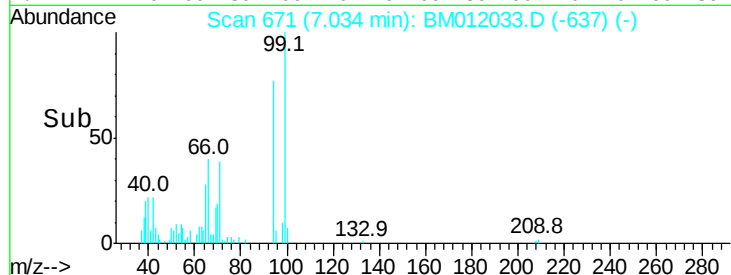
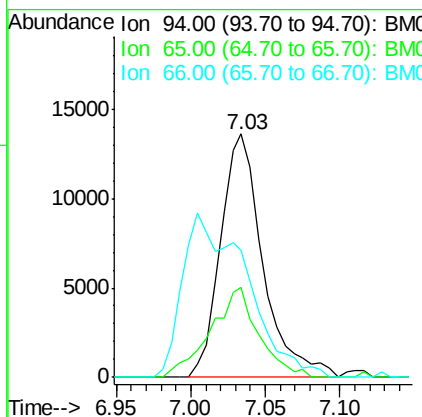
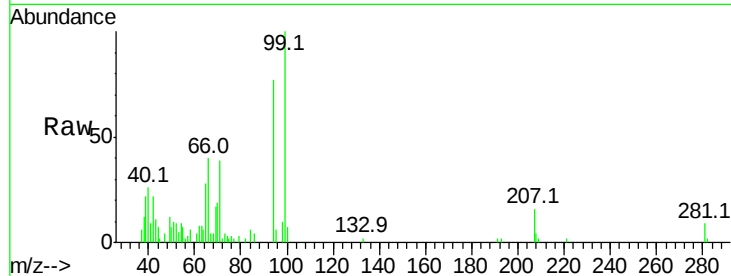
Concen: 1.522 ng/ul
 RT: 7.03 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BM012033.D
 Acq: 10 Oct 2017 03:28

Instrument :
 BNA_M
 ClientSampleId :
 B-56(2-4)-092717

Tot Ion	Ratio	Lower	Upper
94	100		
65	37.0	28.2	42.4
66	52.1	47.2	70.8

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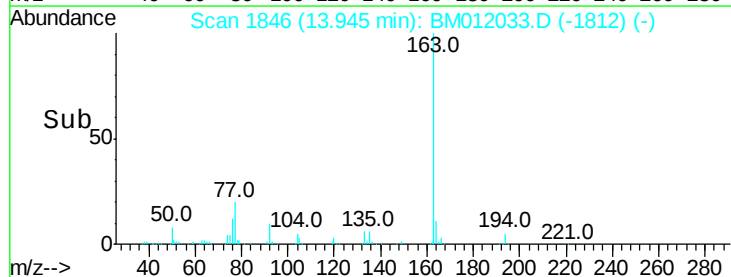
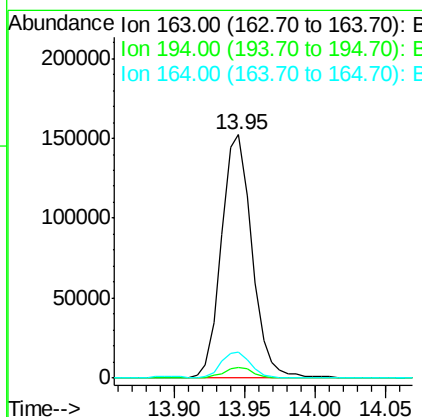
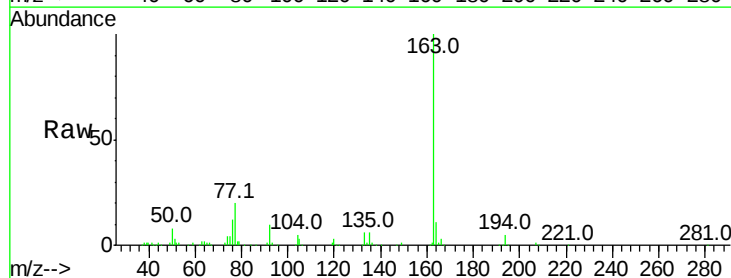


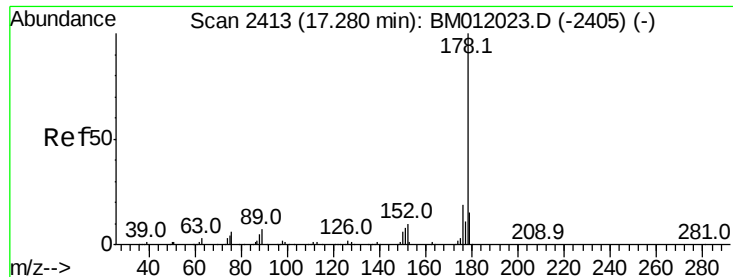
#44

Dimethylphthalate

Concen: 4.635 ng/ul
 RT: 13.95 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BM012033.D
 Acq: 10 Oct 2017 03:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.7	8.2	12.4





#69

Phenanthrene

Concen: 1.860 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

BNA_M

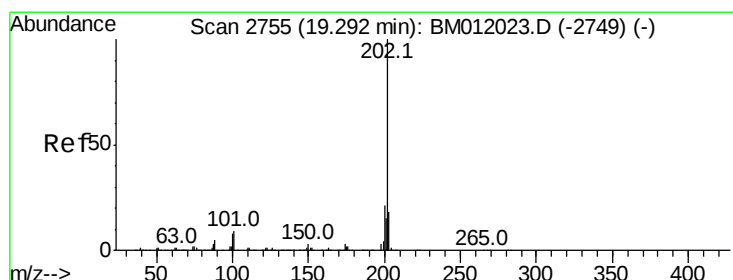
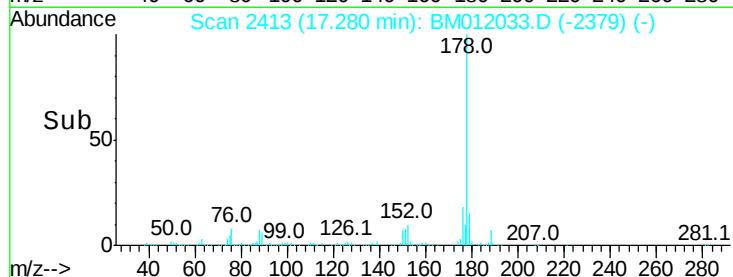
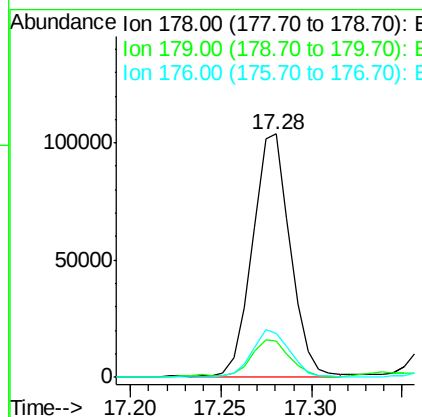
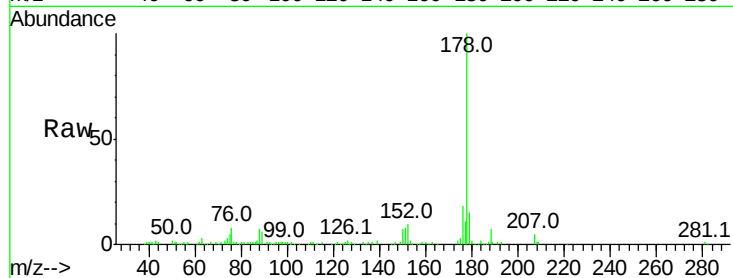
ClientSampleId :

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Tot Ion:178	Resp:	148627
Ion Ratio	Lower	Upper
178	100	
179	14.7	12.6 19.0
176	18.3	14.9 22.3

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#74

Fluoranthene

Concen: 3.072 ng/ul

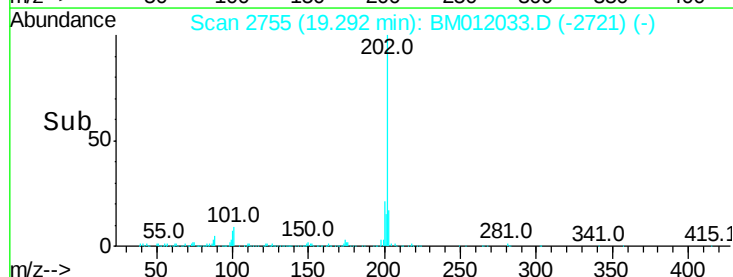
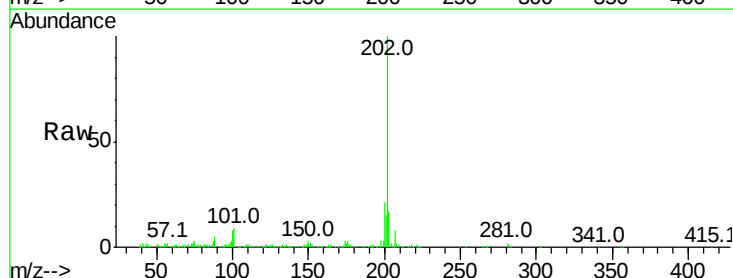
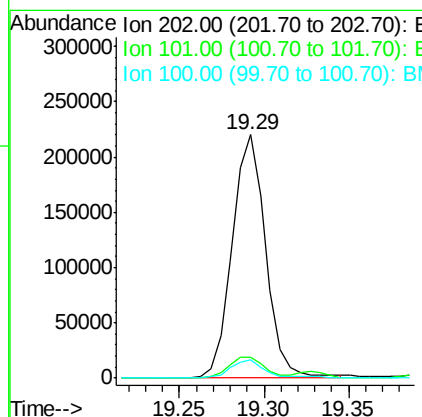
RT: 19.29 min Scan# 2755

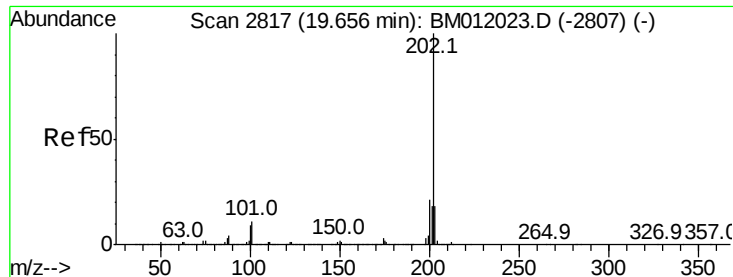
Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Tgt Ion:202	Resp:	299444
Ion Ratio	Lower	Upper
202	100	
101	8.8	4.6 7.0#
100	7.6	3.4 5.2#





#77

Pvrene

Concen: 2.649 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

BNA_M

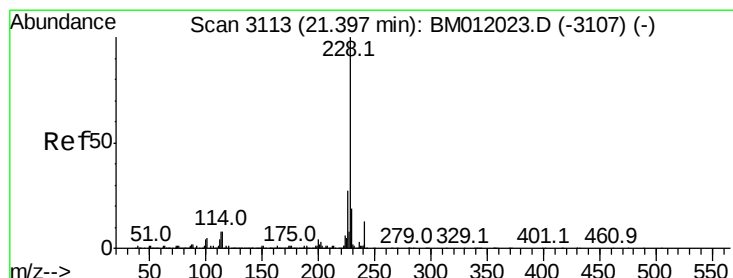
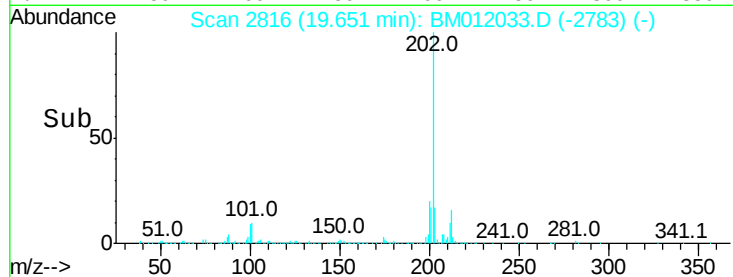
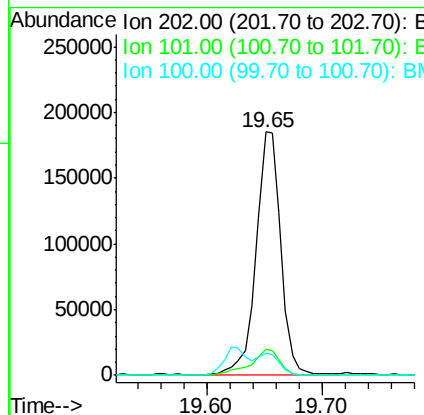
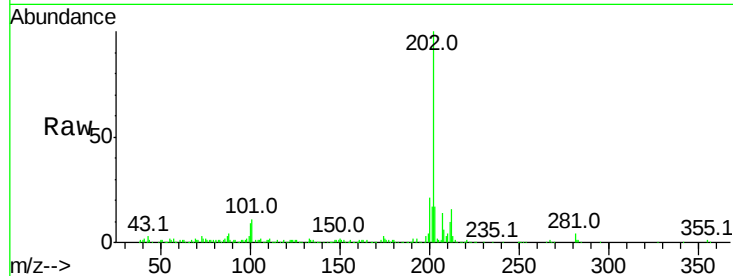
ClientSampleId :

B-56(2-4)-092717

Tot Ion:	202	Resp:	273603
Ion Ratio	Lower	Upper	
202	100		
101	10.6	5.1	7.7#
100	9.1	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 1.495 ng/ul

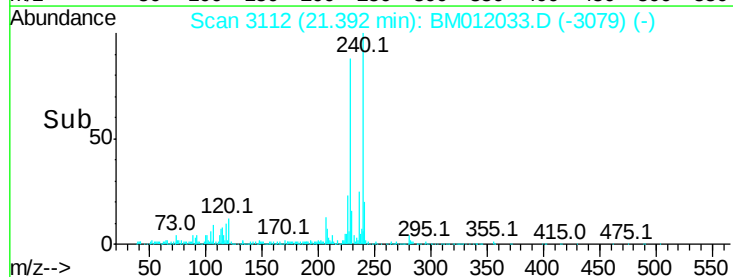
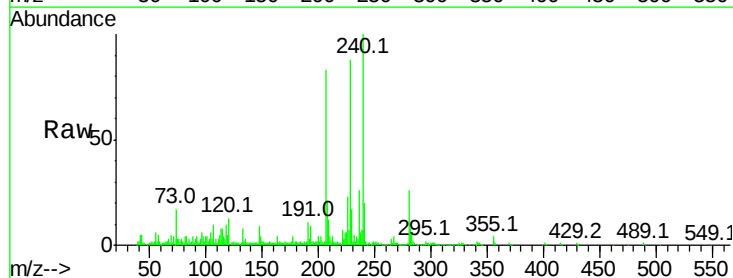
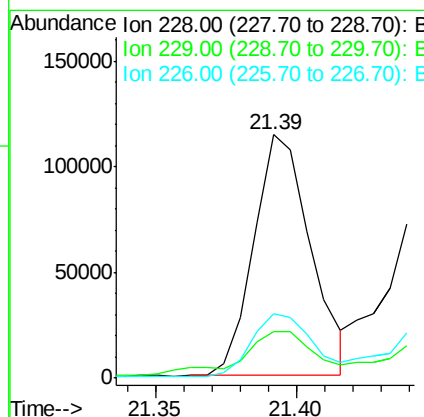
RT: 21.39 min Scan# 3112

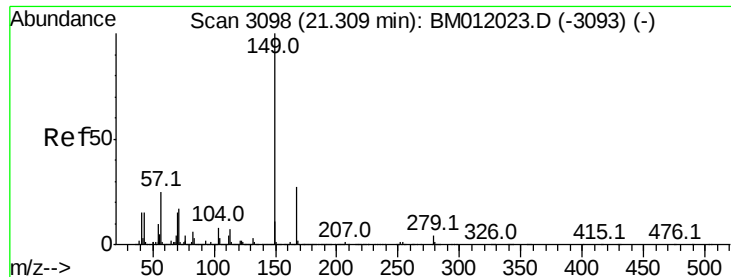
Delta R.T. -0.01 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Tgt Ion:	228	Resp:	159479
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.4	23.0
226	26.4	21.4	32.0





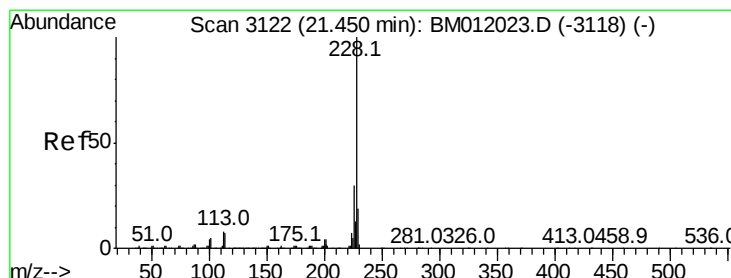
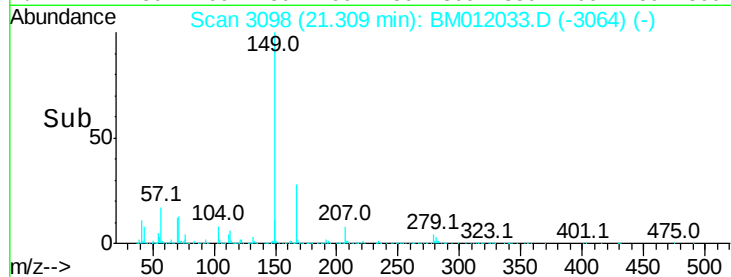
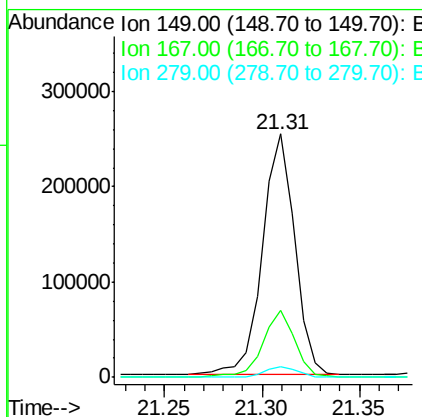
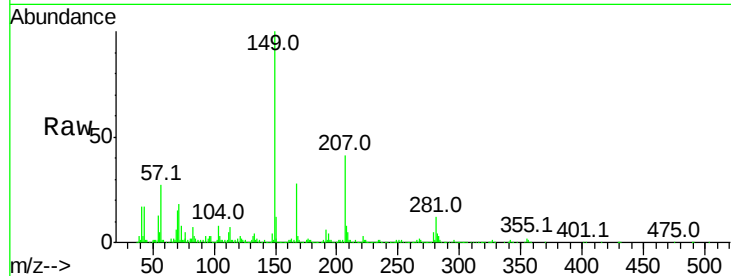
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 4.817 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM012033.D
 Acq: 10 Oct 2017 03:28

Instrument :
 BNA_M
 ClientSampleId :
 B-56(2-4)-092717

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.8	34.2
279	4.6	4.9	7.3

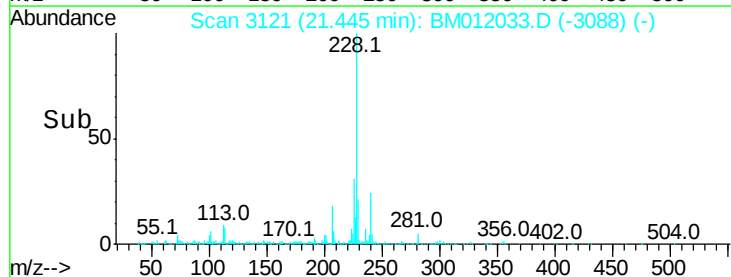
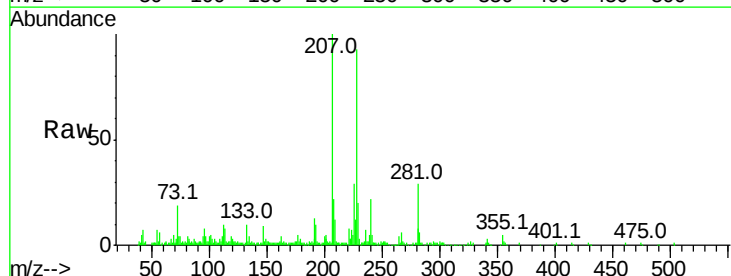
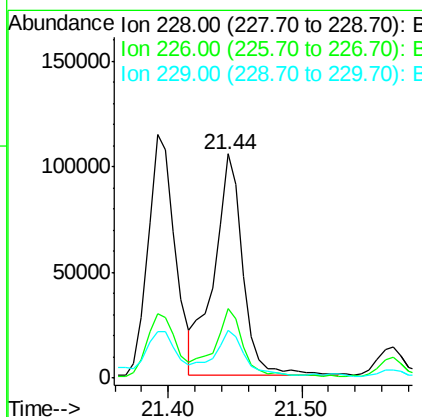
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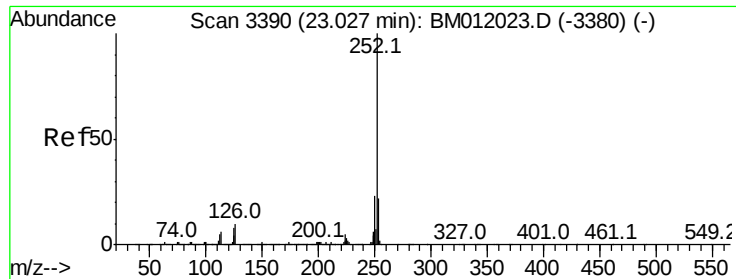
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#82
 Chrysene
 Concen: 1.576 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BM012033.D
 Acq: 10 Oct 2017 03:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	21.3	15.5	23.3





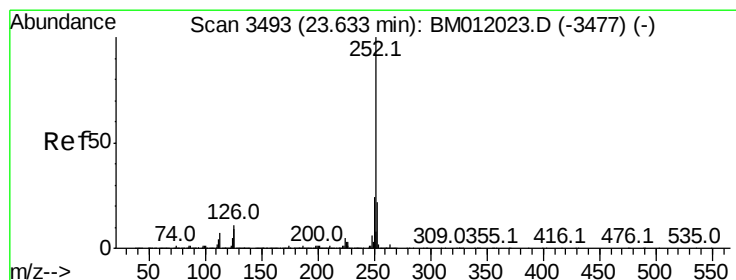
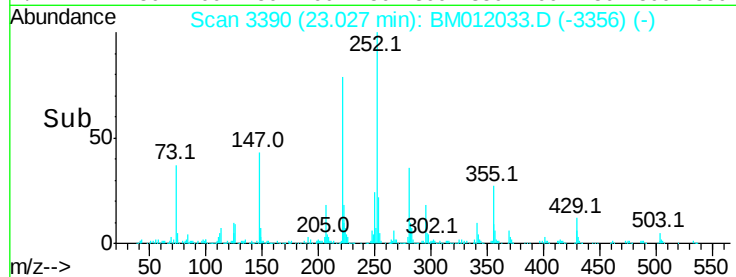
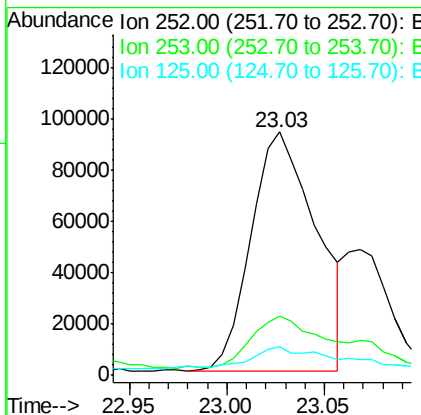
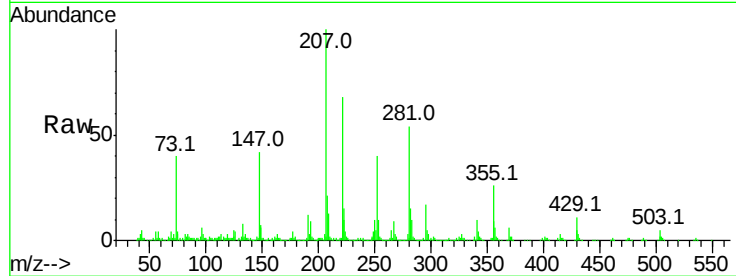
#85
Benzo(b)fluoranthene
Concen: 1.760 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM012033.D
Acq: 10 Oct 2017 03:28

Instrument :
BNA_M
ClientSampleId :
B-56(2-4)-092717

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	17.9	26.9
125	11.8	3.6	5.4#

Manual Integrations
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#88
Benzo(a)pyrene
Concen: 1.282 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM012033.D
Acq: 10 Oct 2017 03:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.2	4.0	6.0#

