

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023734.D
 Acq On : 15 Nov 2019 02:18
 Operator : JU
 Sample : K5700-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY9

Manual Integrations
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mohammad
 11/15/2019 5:59:29 PM

Quant Time: Nov 15 08:07:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	362895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	1470853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	916657	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1913720	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1915256	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2285009	20.00	ng/ul	0.00

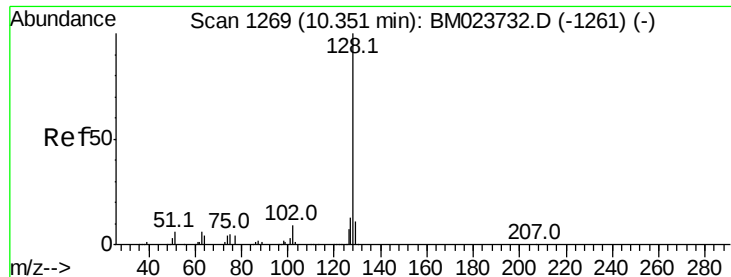
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	51981	5.90	ng/uL	0.00
5) Phenol-d5	6.72	99	192163	5.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	456886	24.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	525537	21.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	358771	13.60	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	345980	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	366855	33.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	672726	26.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	173107	6.25	ng/ul	0.02
44) Dimethylphthalate-d6	13.61	166	2269448	31.75	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2524011	30.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	84489	6.92	ng/ul	0.00
58) Fluorene-d10	15.19	176	1951204	30.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	369429	33.37	ng/ul	0.00
71) Anthracene-d10	17.04	188	3079814	33.93	ng/ul	0.00
79) Pyrene-d10	19.34	212	3377692	33.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	4057878	33.75	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.35	128	31713794m	410.224	ng/ul	
34) 2-Methylnaphthalene	11.98	142	2389847	40.411	ng/ul	97
41) 1,1'-Biphenyl	13.02	154	6085406	86.057	ng/ul	99
45) Dimethylphthalate	13.66	163	228869	3.267	ng/ul	99
48) Acenaphthylene	13.90	152	212482	2.587	ng/ul#	73
50) Acenaphthene	14.26	153	11737500	201.392	ng/ul	98
54) Dibenzofuran	14.59	168	14225333	164.882	ng/ul	90
59) Fluorene	15.24	166	6827483	97.543	ng/ul	99
70) Phenanthrene	16.99	178	8348896	79.204	ng/ul	99
72) Anthracene	17.07	178	907848	8.565	ng/ul	99
75) Carbazole	17.35	167	15332968	173.537	ng/ul#	90
77) Fluoranthene	19.00	202	1046960	9.271	ng/ul	98
80) Pyrene	19.37	202	537227	4.340	ng/ul	99

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



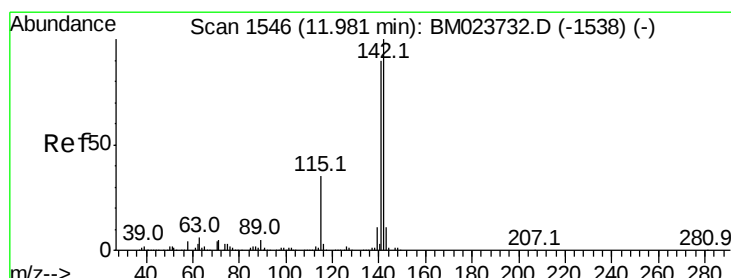
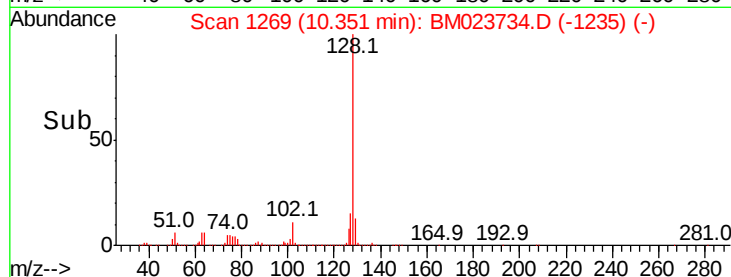
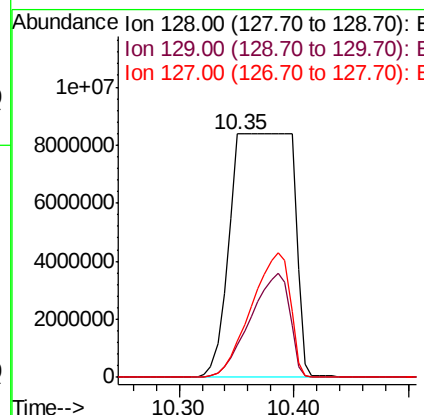
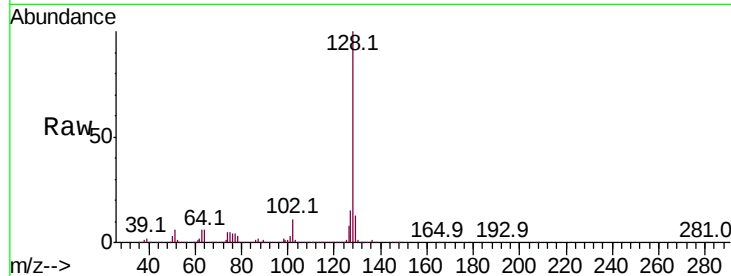
#28
Naphthalene
Concen: 410.224 ng/ul m
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Instrument :
BNA_M
ClientSampleId :
BEGY9

Tot Ion:128 Resp:31713794
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1#
127 14.9 10.6 16.0

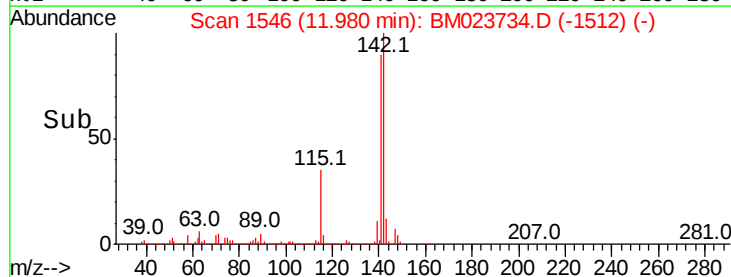
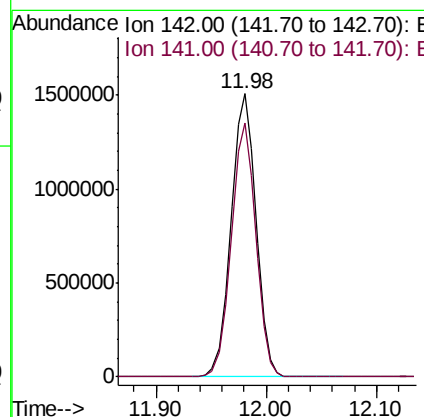
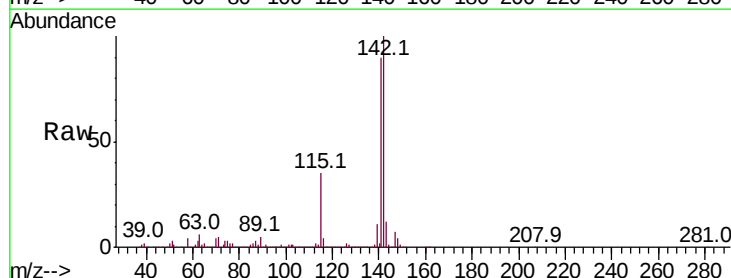
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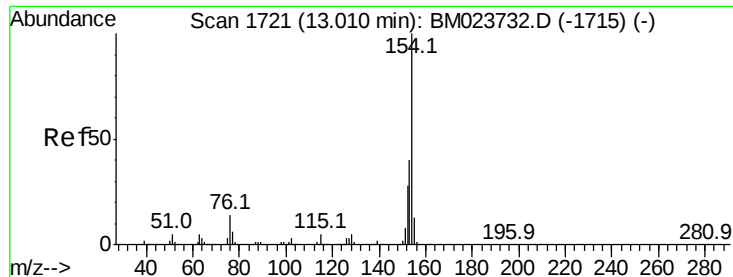
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#34
2-Methylnaphthalene
Concen: 40.411 ng/ul
RT: 11.98 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Tgt Ion:142 Resp: 2389847
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.8





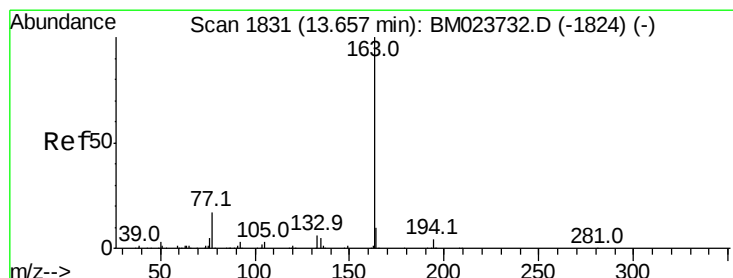
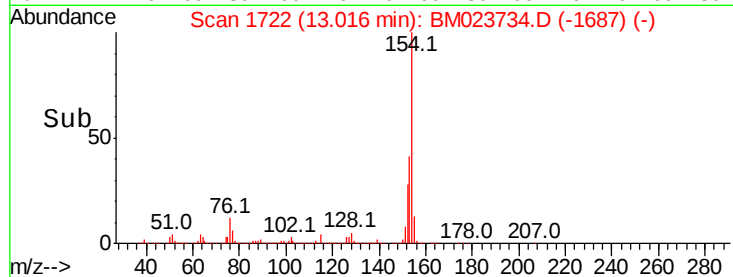
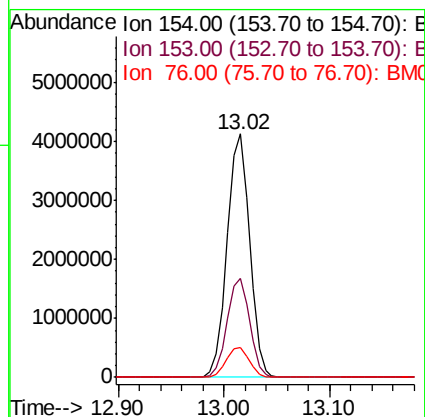
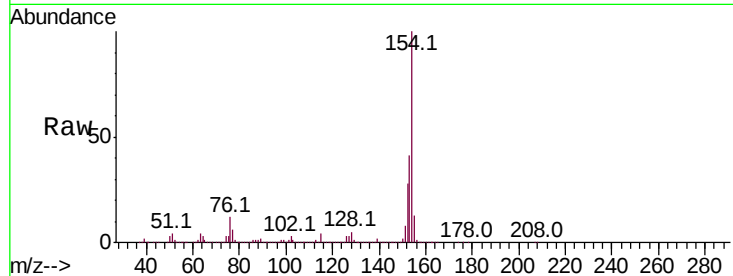
#41
1,1'-Biphenyl
Concen: 86.057 ng/ul
RT: 13.02 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Instrument :
BNA_M
ClientSampleId :
BEGY9

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.3	48.5
76	12.4	10.6	15.8

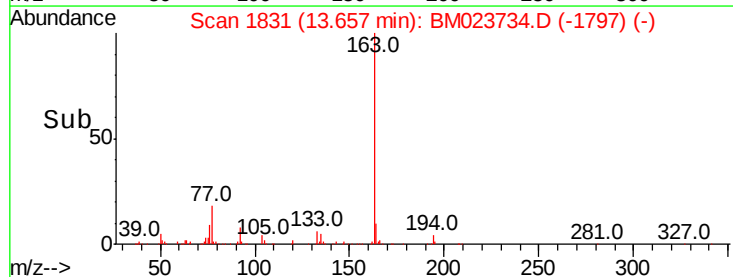
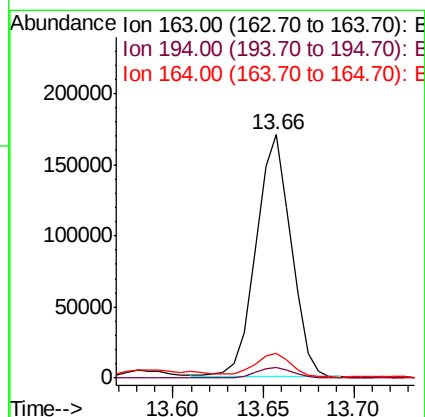
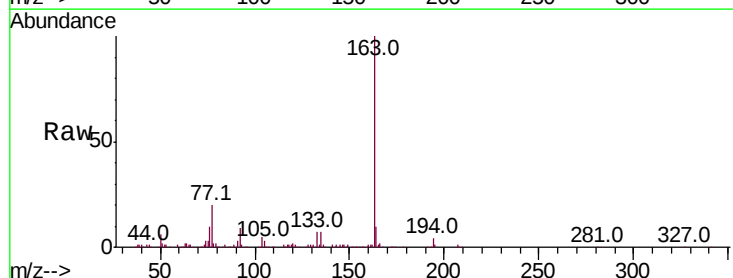
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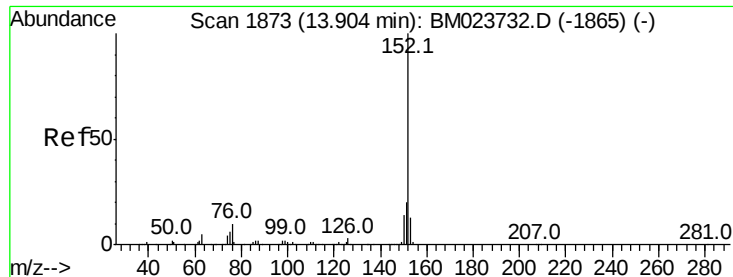
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#45
Dimethylphthalate
Concen: 3.267 ng/ul
RT: 13.66 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	8.0	12.0





#48

Acenaphthylene

Concen: 2.587 ng/ul

RT: 13.90 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM023734.D

Acq: 15 Nov 2019 02:18

Instrument :

BNA_M

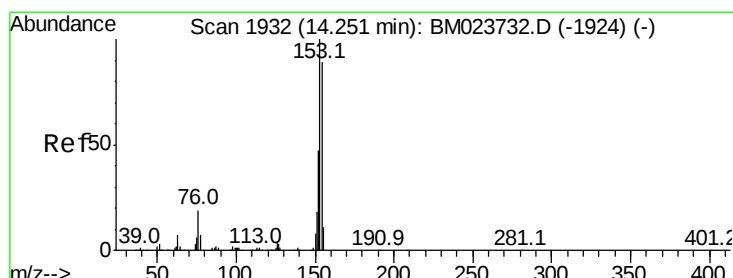
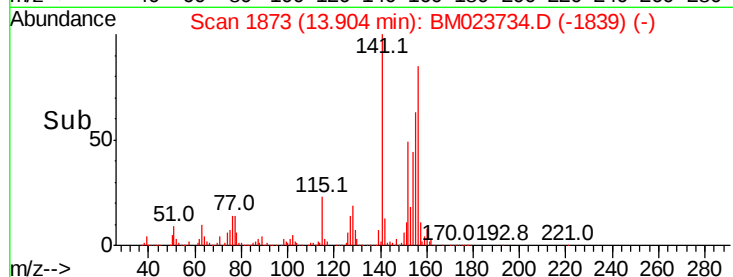
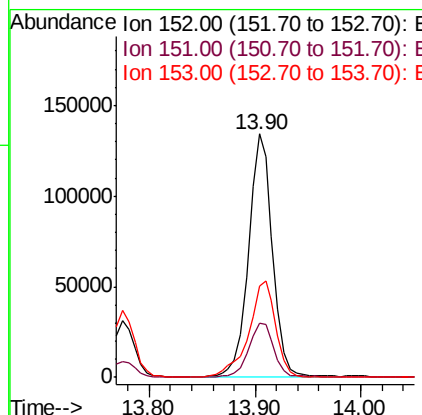
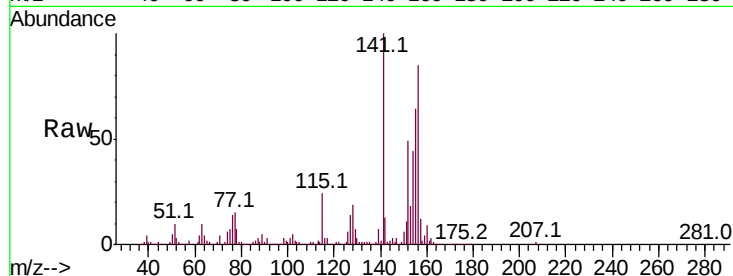
ClientSampleId :

BEGY9

Tot Ion:	152	Resp:	212482
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.1	24.1
153	37.8	10.4	15.6#

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#50

Acenaphthene

Concen: 201.392 ng/ul

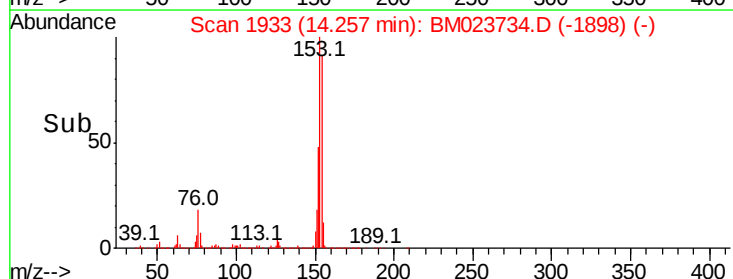
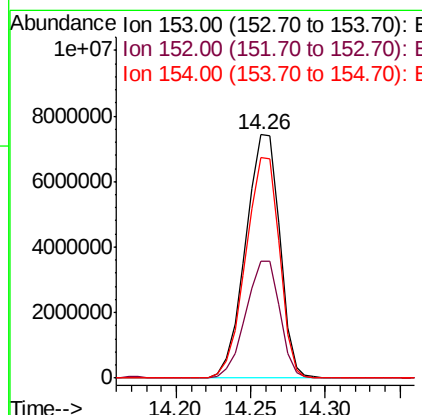
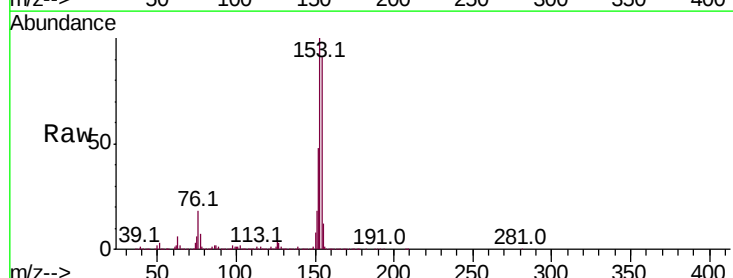
RT: 14.26 min Scan# 1933

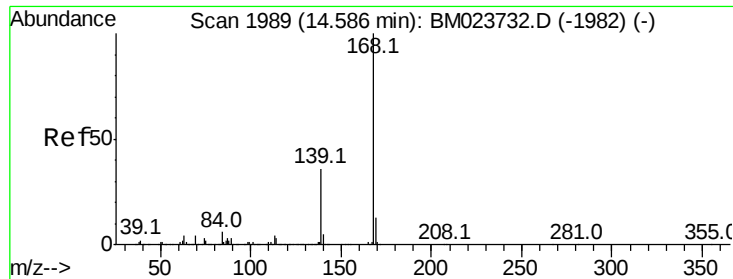
Delta R.T. 0.01 min

Lab File: BM023734.D

Acq: 15 Nov 2019 02:18

Tgt Ion:	153	Resp:	11737500
Ion Ratio	Lower	Upper	
153	100		
152	48.1	37.7	56.5
154	90.5	70.6	106.0





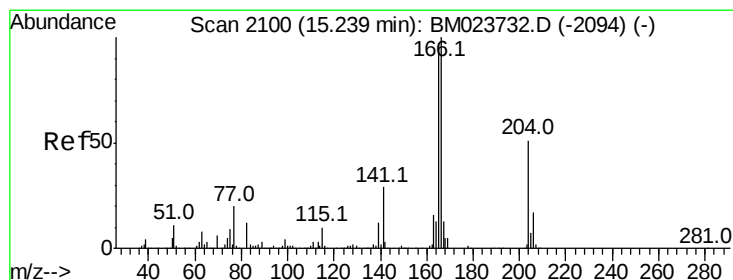
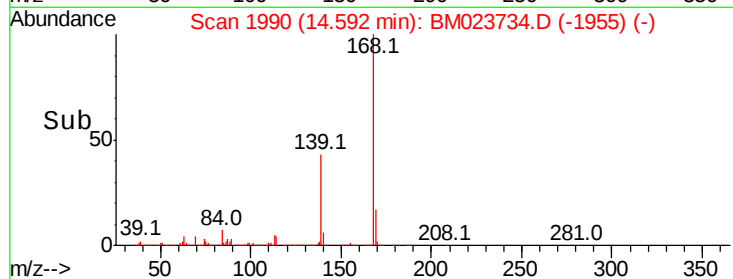
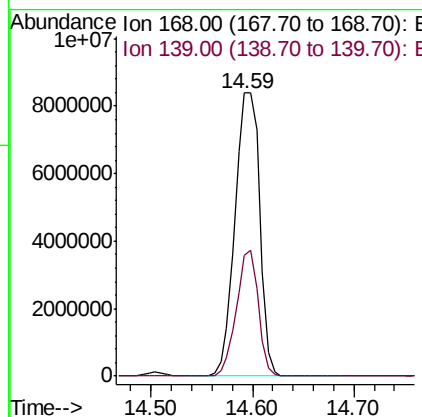
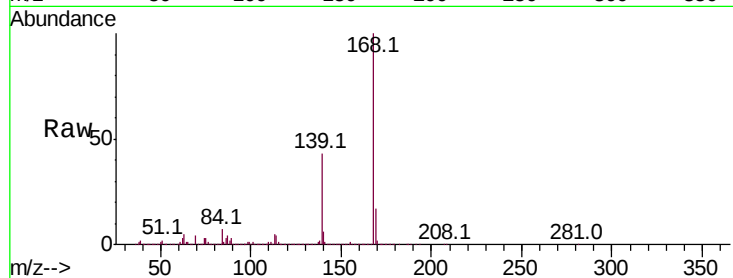
#54
Dibenzofuran
Concen: 164.882 ng/ul
RT: 14.59 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Instrument :
BNA_M
ClientSampleID :
BEGY9

Tot Ion:168 Resp:14225333
Ion Ratio Lower Upper
168 100
139 42.5 29.3 43.9

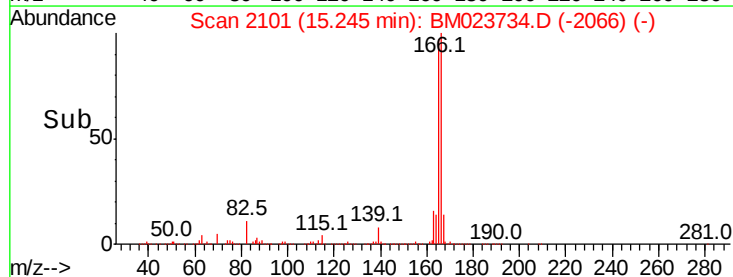
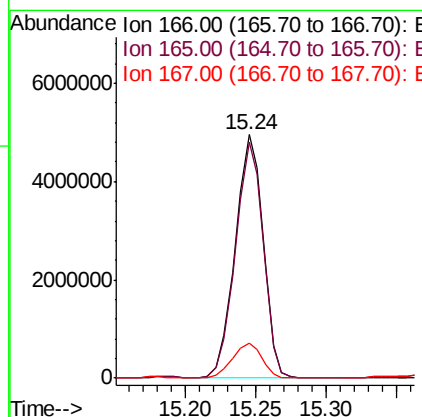
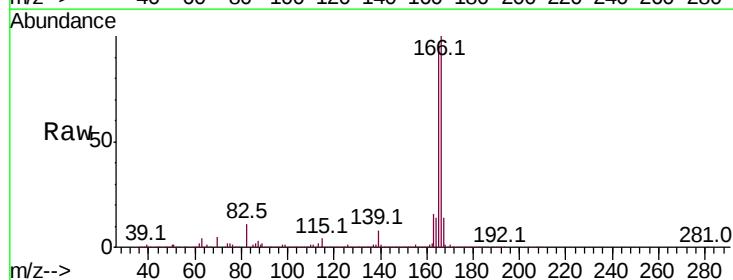
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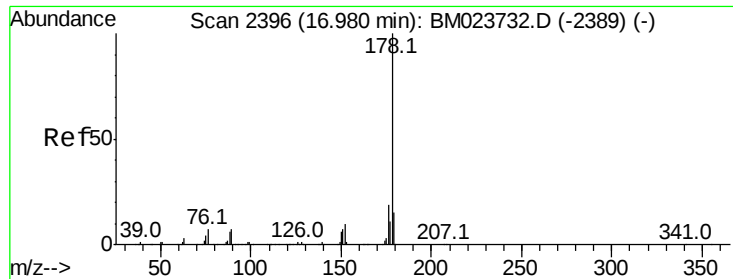
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#59
Fluorene
Concen: 97.543 ng/ul
RT: 15.24 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Tgt Ion:166 Resp: 6827483
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 14.4 10.9 16.3





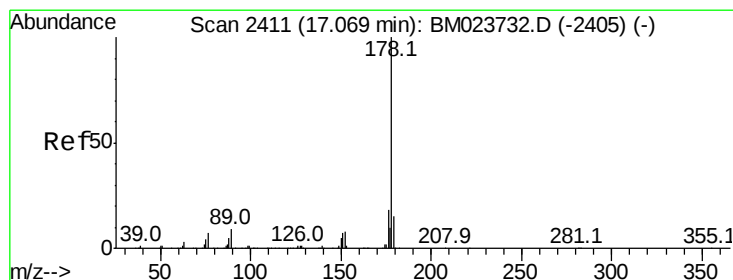
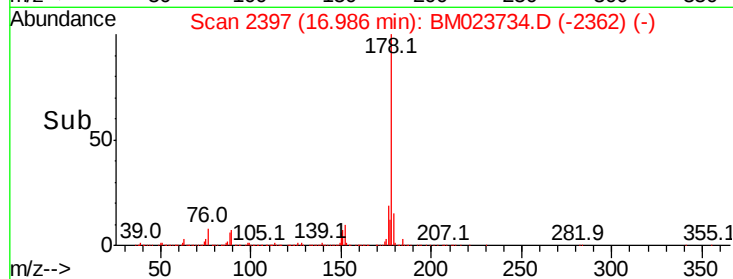
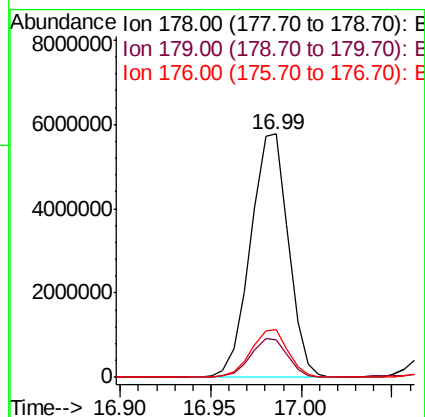
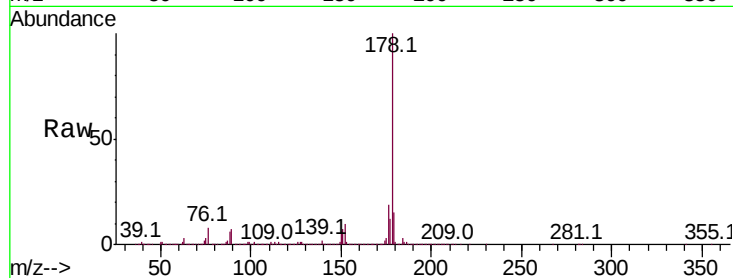
#70
Phenanthrene
Concen: 79.204 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Instrument :
BNA_M
ClientSampleId :
BEGY9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.0	22.6

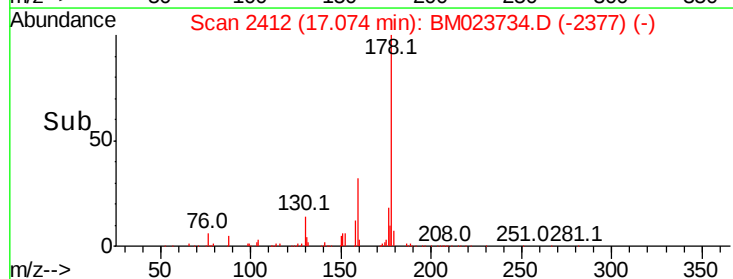
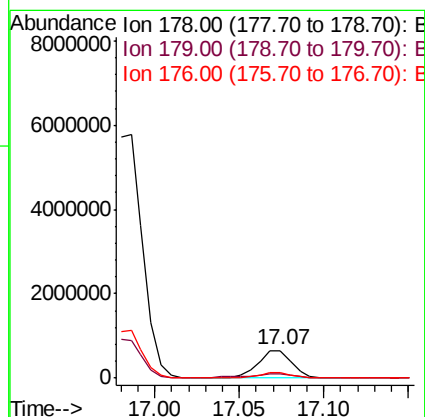
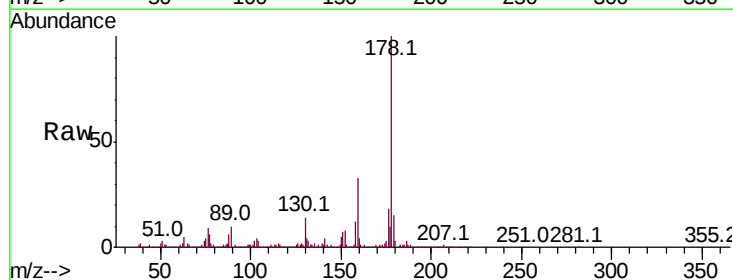
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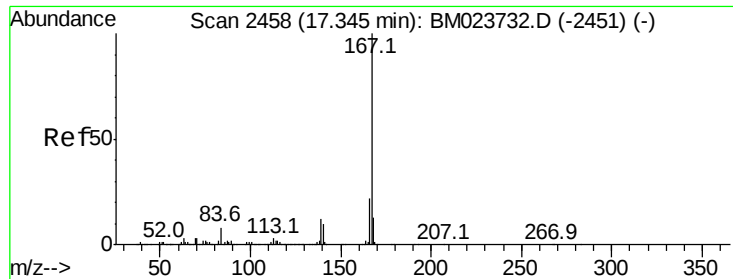
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#72
Anthracene
Concen: 8.565 ng/ul
RT: 17.07 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM023734.D
Acq: 15 Nov 2019 02:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.0	14.7	22.1





#75

Carbazole

Concen: 173.537 ng/ul

RT: 17.35 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BM023734.D

Acq: 15 Nov 2019 02:18

Instrument :

BNA_M

ClientSampleId :

BEGY9

Tot Ion:167 Resp:15332968

Ion Ratio Lower Upper

167 100

166 26.5 17.1 25.7#

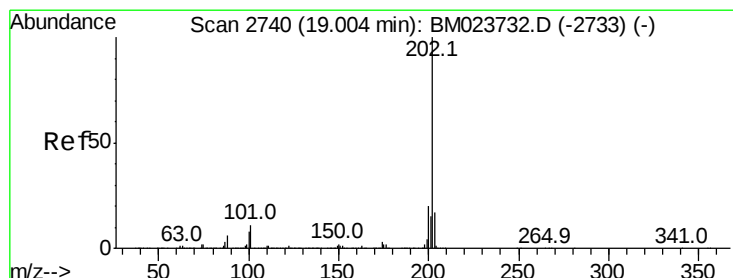
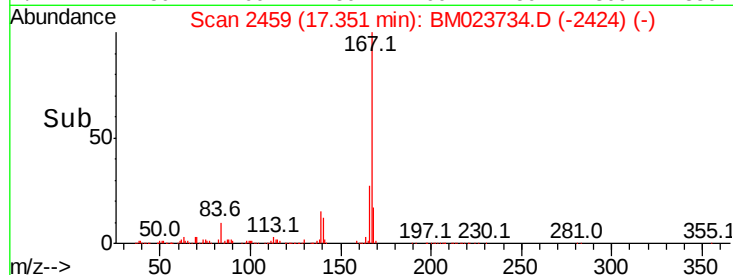
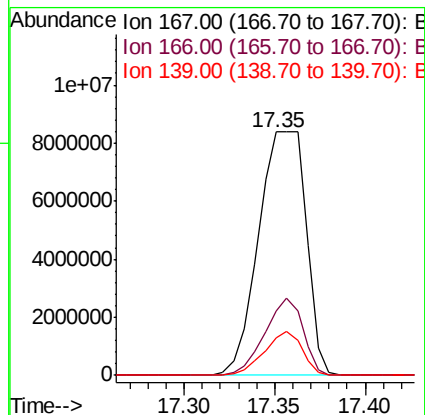
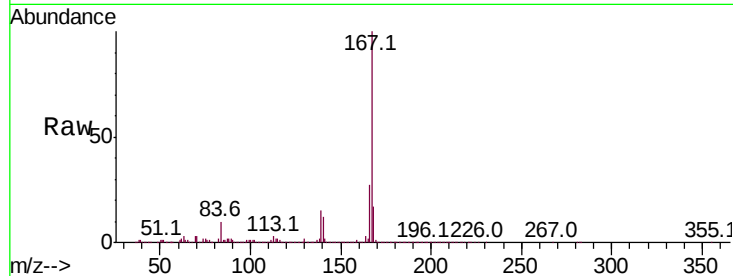
139 15.2 9.8 14.6#

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#77

Fluoranthene

Concen: 9.271 ng/ul

RT: 19.00 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM023734.D

Acq: 15 Nov 2019 02:18

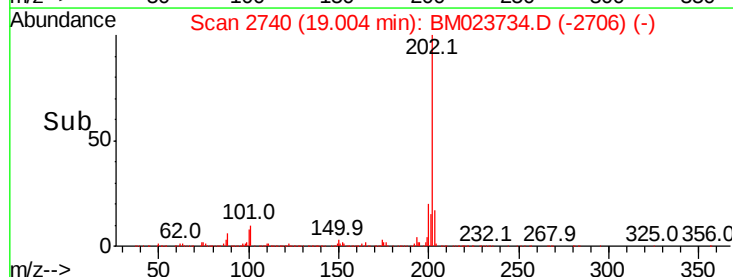
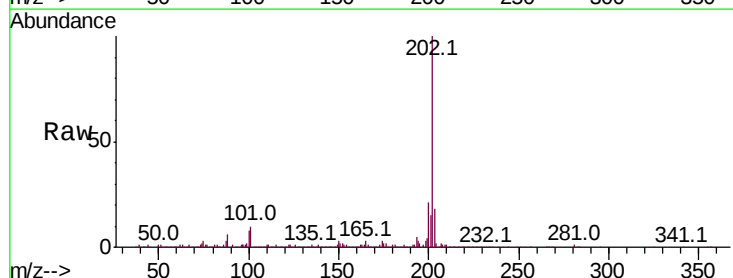
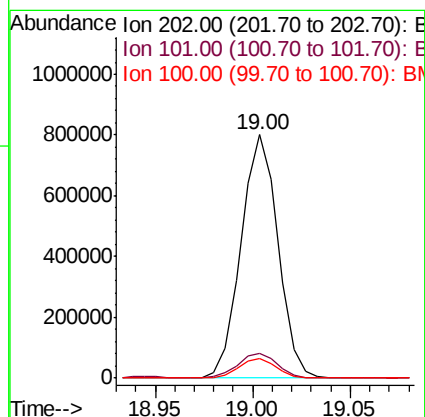
Tgt Ion:202 Resp: 1046960

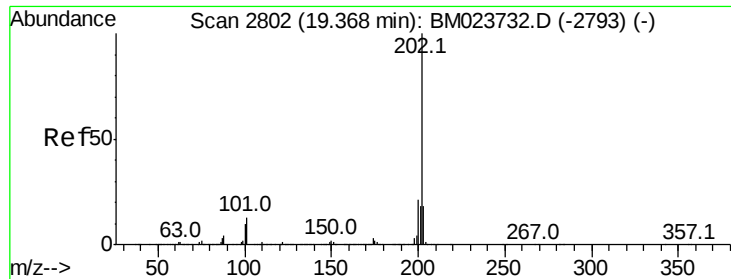
Ion Ratio Lower Upper

202 100

101 10.2 7.7 11.5

100 8.1 6.0 9.0





#80
 Pvrene
 Concen: 4.340 ng/ul
 RT: 19.37 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BM023734.D
 Acq: 15 Nov 2019 02:18

Instrument :
 BNA_M
 ClientSampleId :
 BEGY9

Tot Ion:	202	Resp:	537227
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.8	14.6
100	9.8	8.1	12.1

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