

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022904.D
 Acq On : 02 Oct 2019 22:01
 Operator : JU
 Sample : K4895-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDH3

Manual Integrations
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mohammad
 10/3/2019 5:42:40 PM

Quant Time: Oct 03 02:31:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	274770	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1157077	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	659992	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1096152	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	833129	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	984308	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37385	5.88	ng/uL	0.00
5) Phenol-d5	6.97	99	171578	7.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	351188	26.43	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	436160	22.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	305536	15.37	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	256189	28.69	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	278279	28.54	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	526015	27.09	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	505500	21.43	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1629731	31.82	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1864177	31.52	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	64447	6.37	ng/ul	0.00
58) Fluorene-d10	15.43	176	1339959	30.69	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	194370	27.25	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1810779	33.83	ng/ul	-0.01
79) Pyrene-d10	19.56	212	1709697	38.13	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1764428	34.65	ng/ul	-0.02

Target Compounds

					Qvalue
6) Phenol	6.99	94	463784	18.223	ng/ul 99
11) 2-Methylphenol	8.24	108	147285	7.508	ng/ul 99
16) 4-Methylphenol	8.57	108	706409	32.569	ng/ul 97
24) 2,4-Dimethylphenol	9.77	107	888920m	40.937	ng/ul
28) Naphthalene	10.64	128	2628489	42.063	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	790851	16.880	ng/ul 99
41) 1,1'-Biphenyl	13.27	154	54326	1.005	ng/ul 99
45) Dimethylphthalate	13.89	163	677424	12.874	ng/ul 99
50) Acenaphthene	14.50	153	179218	4.030	ng/ul 99
54) Dibenzofuran	14.83	168	133681	2.105	ng/ul 98
59) Fluorene	15.48	166	138763	2.703	ng/ul 99
70) Phenanthrene	17.22	178	396022	6.053	ng/ul 100
75) Carbazole	17.57	167	252592	4.264	ng/ul 99
77) Fluoranthene	19.23	202	124897	1.697	ng/ul 96
80) Pyrene	19.59	202	103474	1.752	ng/ul 98

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

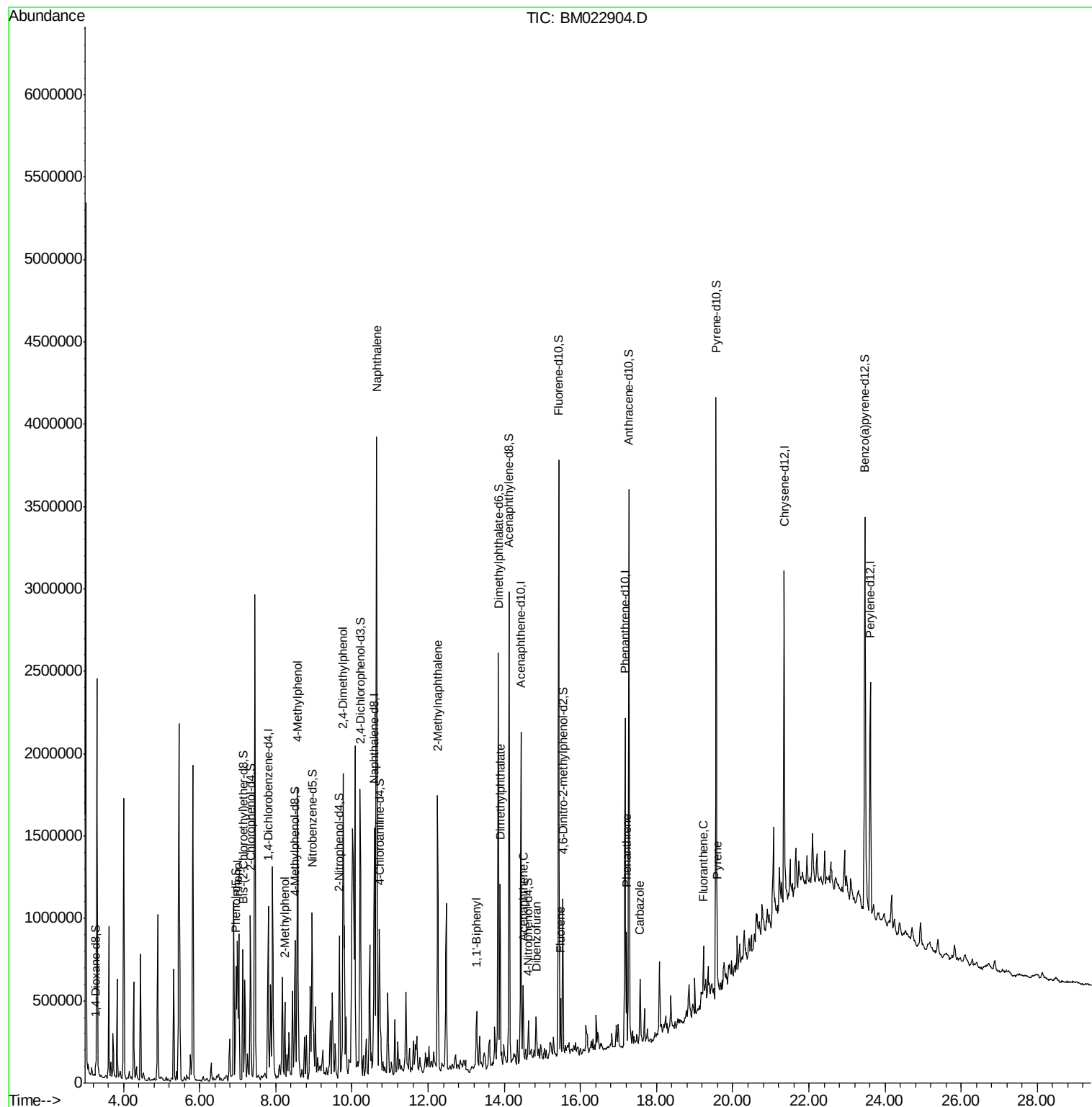
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Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

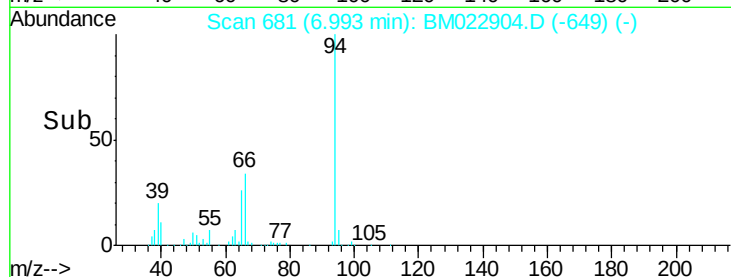
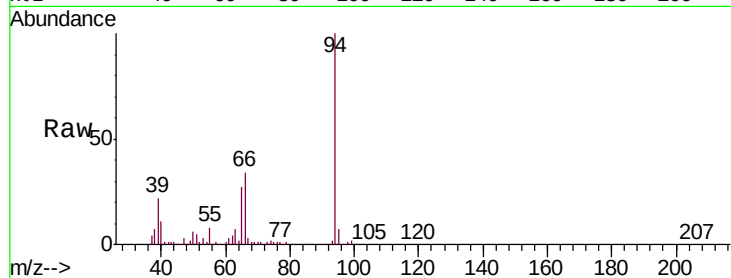
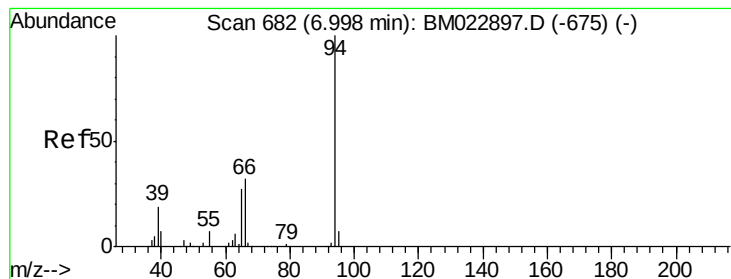
Instrument :
BNA_M
ClientSampleId :
BFDH3

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Quant Time: Oct 03 02:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#6

Phenol

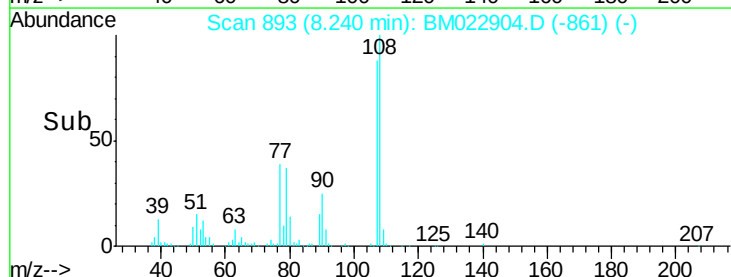
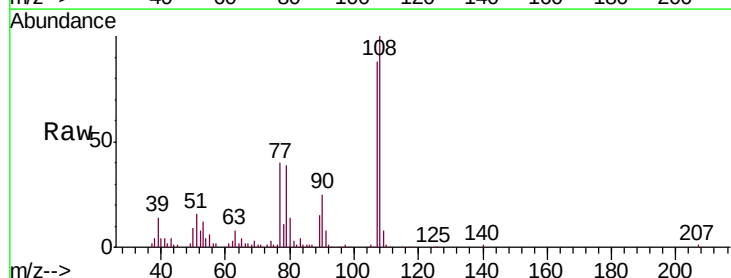
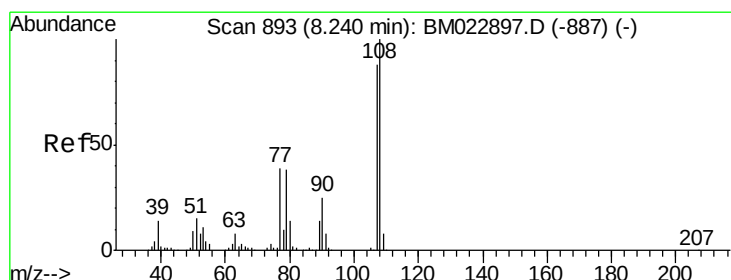
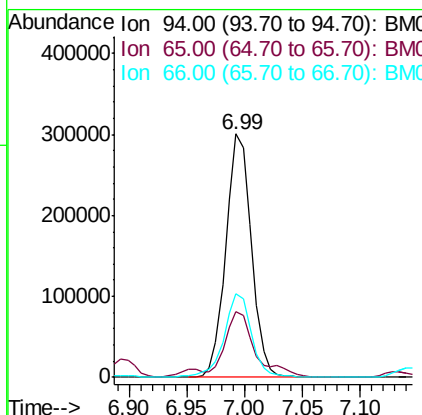
Concen: 18.223 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Instrument :
BNA_M
ClientSampleId :
BFDH3

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	463784		
65	27.2	20.9	31.3	
66	34.5	27.2	40.8	

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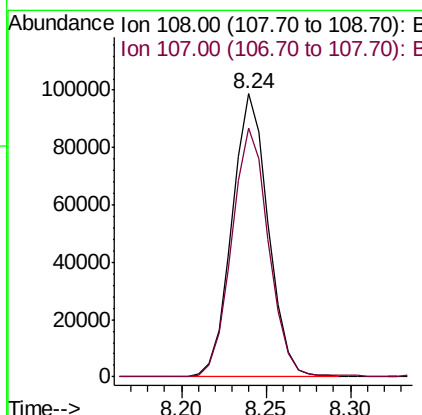


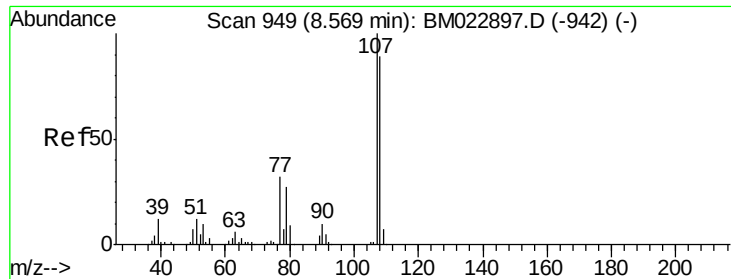
#11

2-Methylphenol

Concen: 7.508 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	147285		
107	87.7	71.0	106.4	





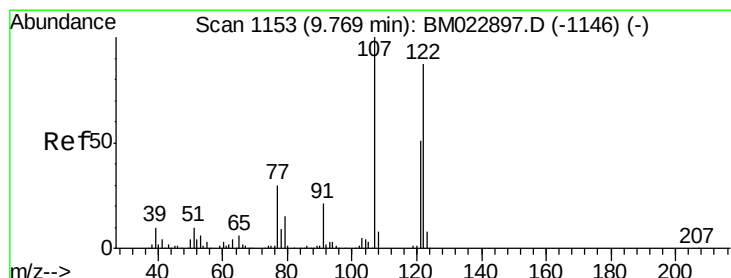
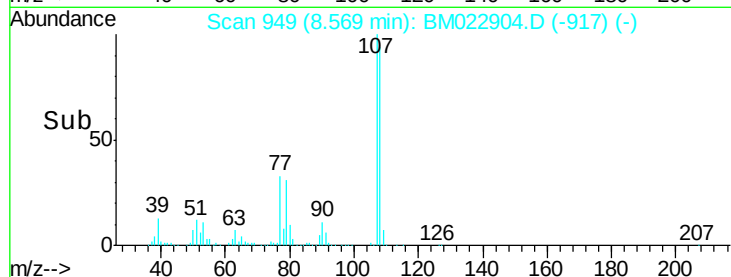
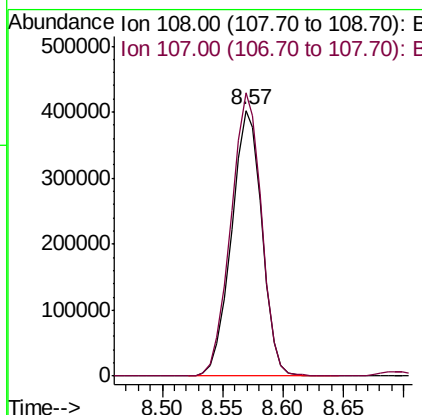
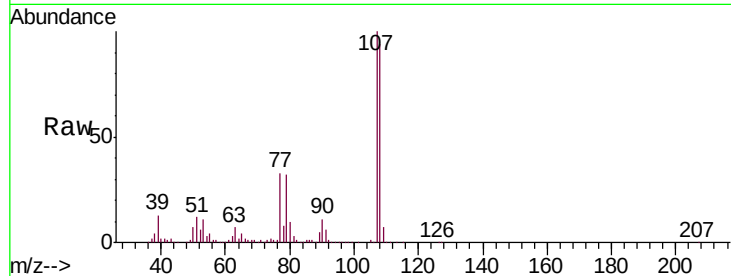
#16
4-Methylphenol
Concen: 32.569 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Instrument :
BNA_M
ClientSampleId :
BFDH3

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	706409		
107	106.4	87.9	131.9	

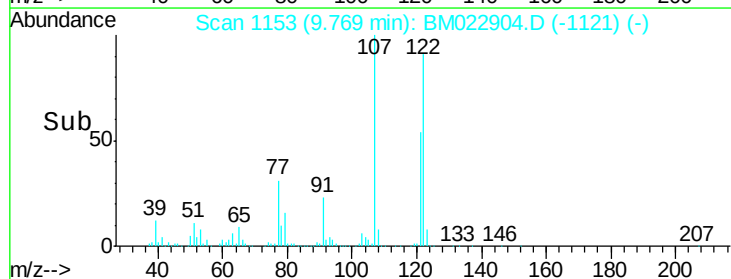
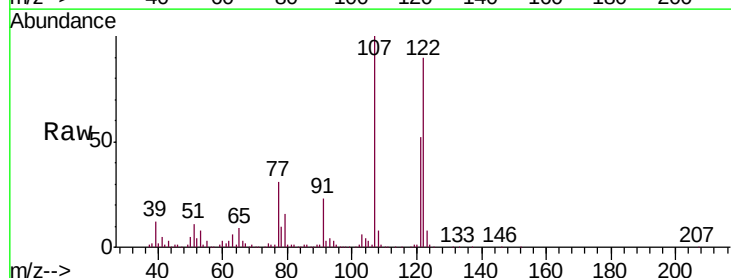
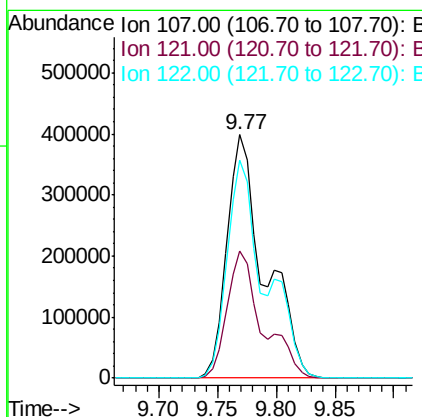
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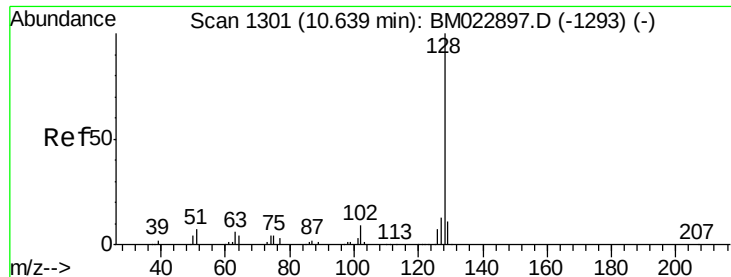
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#24
2,4-Dimethylphenol
Concen: 40.937 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	888920		
121	52.2	43.0	64.4	
122	89.8	71.4	107.0	





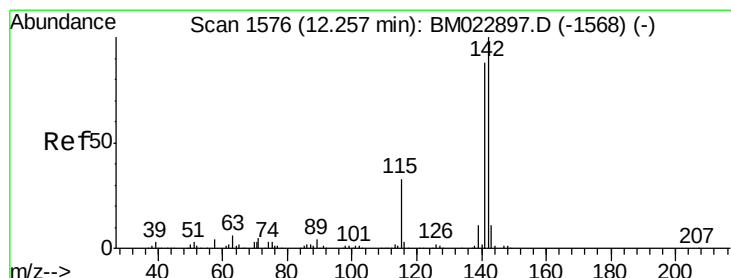
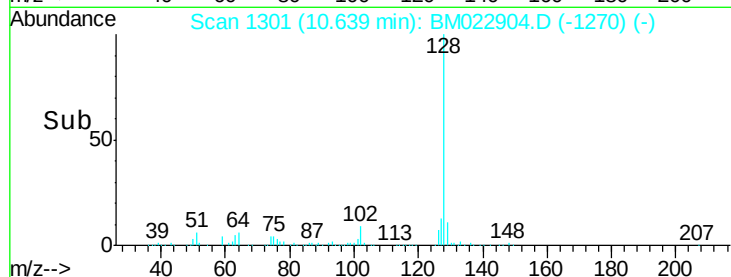
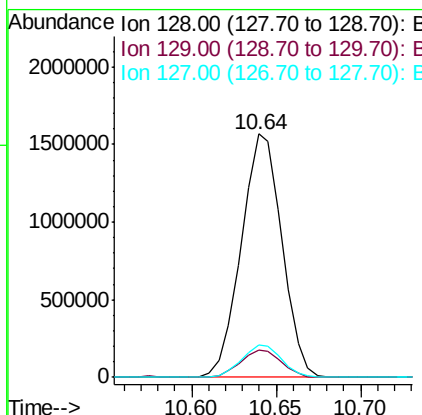
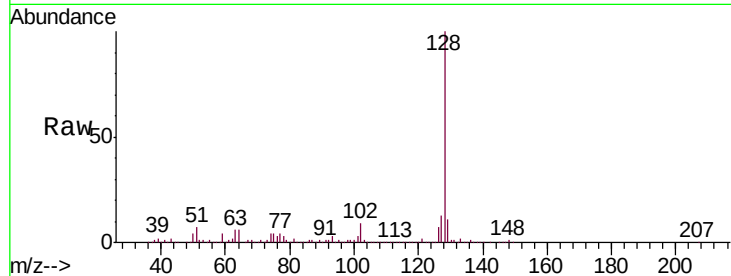
#28
Naphthalene
Concen: 42.063 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Instrument :
BNA_M
ClientSampleId :
BFDH3

Tgt Ion:128 Resp: 2628489
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.2 15.4

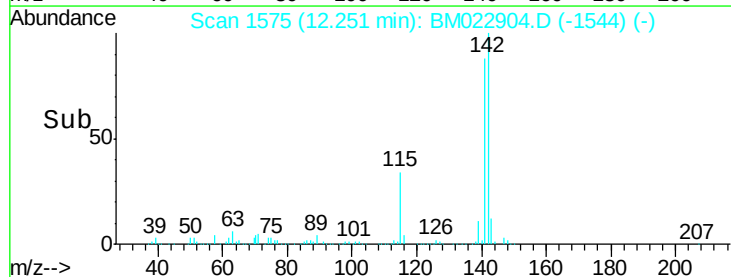
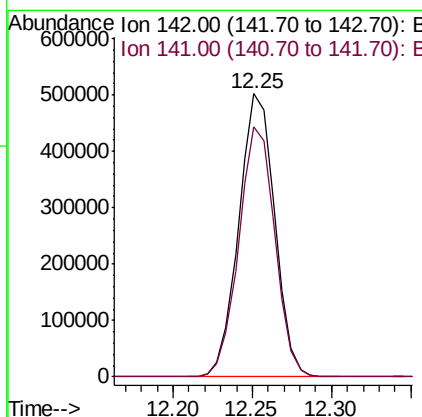
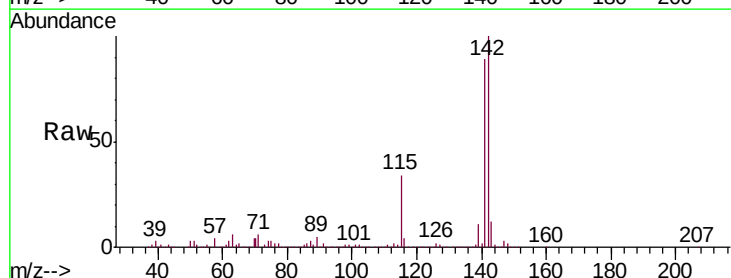
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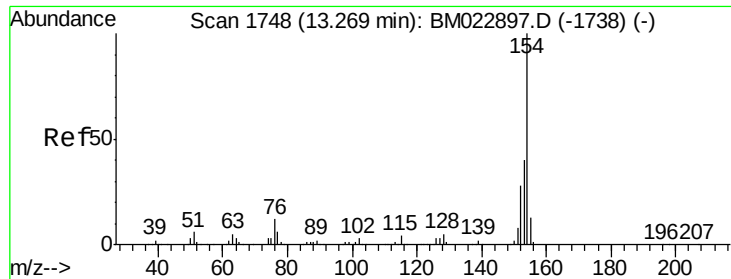
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#34
2-Methylnaphthalene
Concen: 16.880 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion:142 Resp: 790851
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8





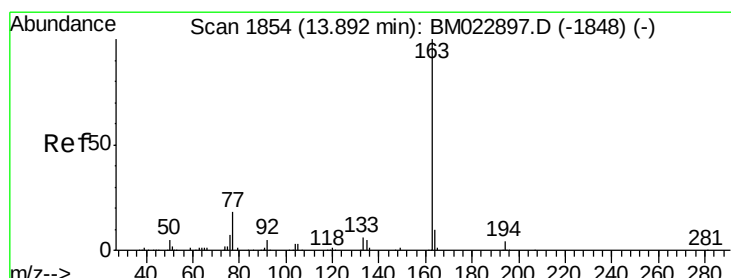
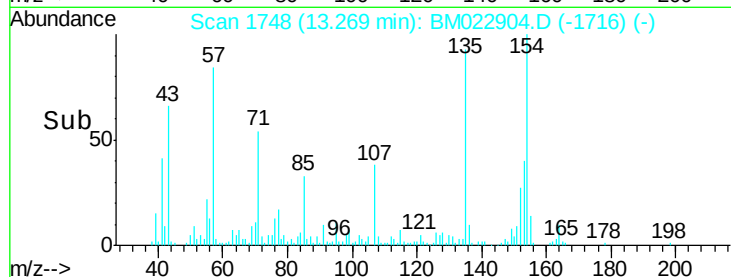
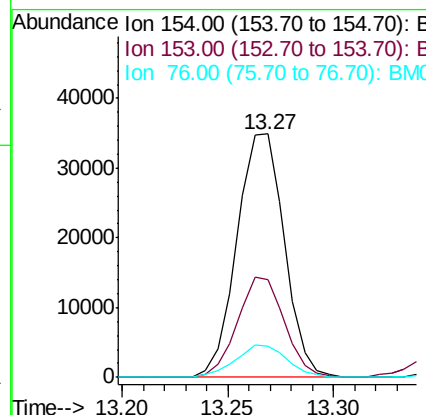
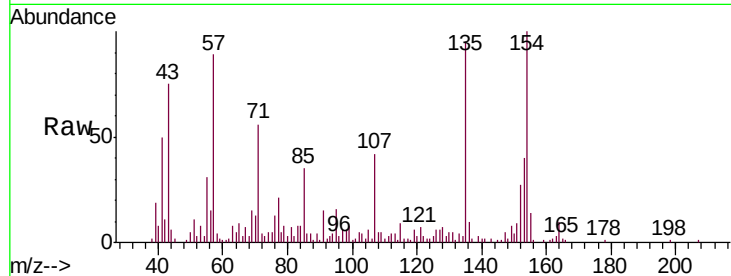
#41
1,1'-Biphenyl
Concen: 1.005 ng/ul
RT: 13.27 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Instrument :
BNA_M
ClientSampled :
BFDH3

Tgt Ion:	154	Resp:	54326
Ion Ratio	Lower	Upper	
154	100		
153	40.1	31.8	47.6
76	12.8	9.6	14.4

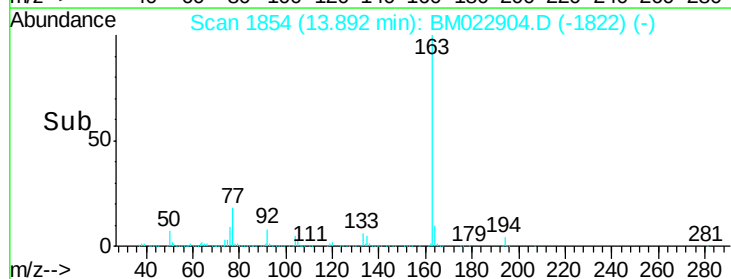
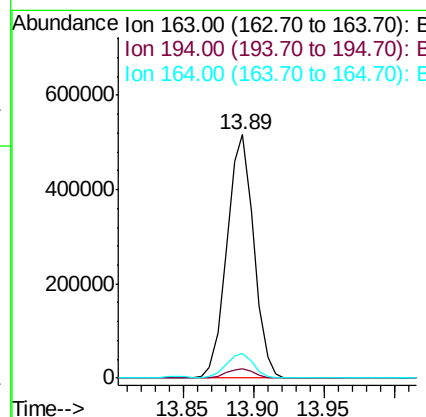
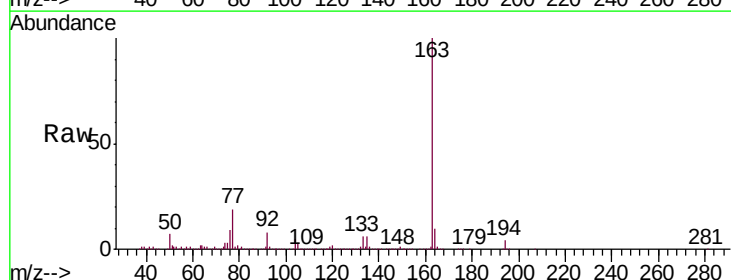
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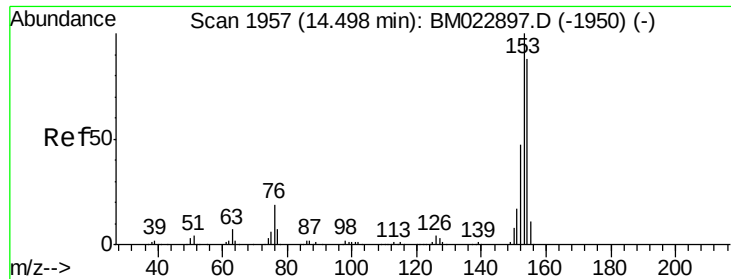
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#45
Dimethylphthalate
Concen: 12.874 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion:	163	Resp:	677424
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.3	8.1	12.1





#50

Acenaphthene

Concen: 4.030 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Instrument :

BNA_M

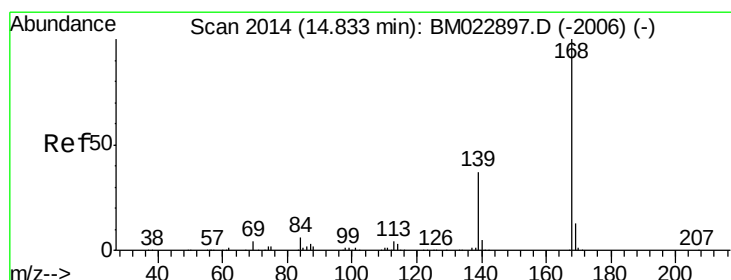
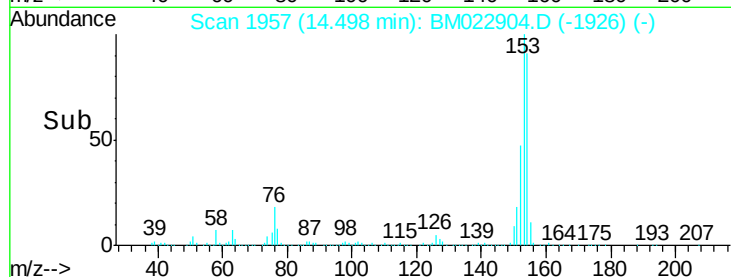
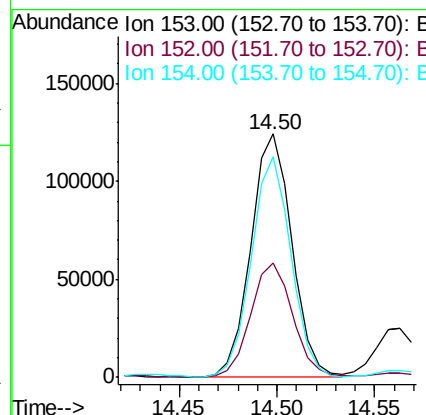
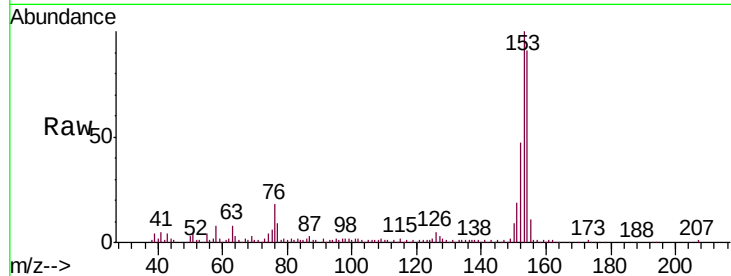
ClientSampleId :

BFDH3

Tgt Ion:	153	Resp:	179218
Ion Ratio		Lower	Upper
153	100		
152	47.2	38.1	57.1
154	90.6	71.1	106.7

Manual Integrations
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#54

Dibenzofuran

Concen: 2.105 ng/ul

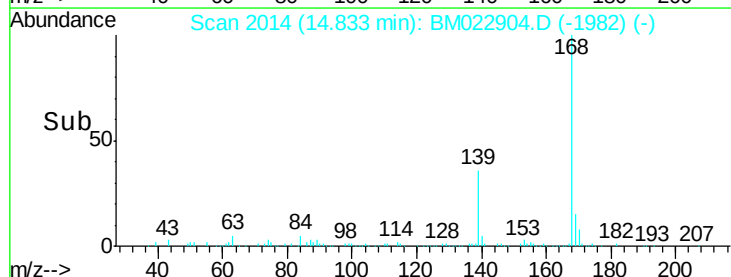
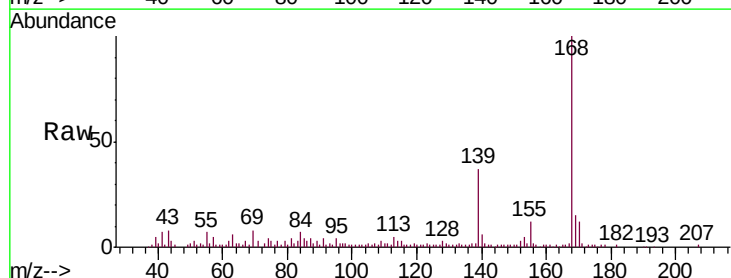
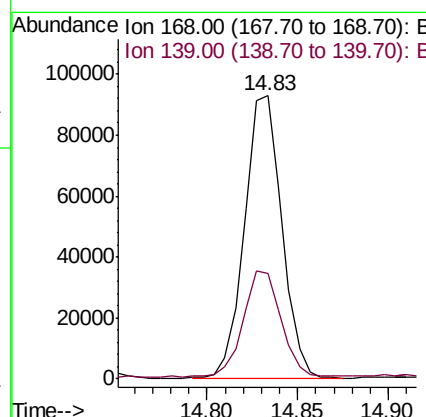
RT: 14.83 min Scan# 2014

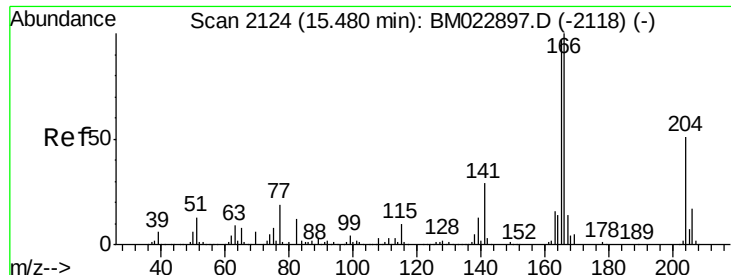
Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Tgt Ion:	168	Resp:	133681
Ion Ratio		Lower	Upper
168	100		
139	37.2	29.0	43.4





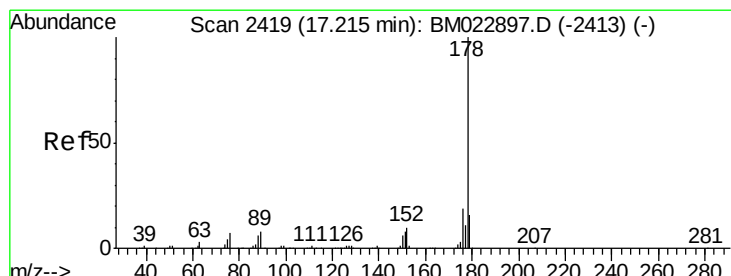
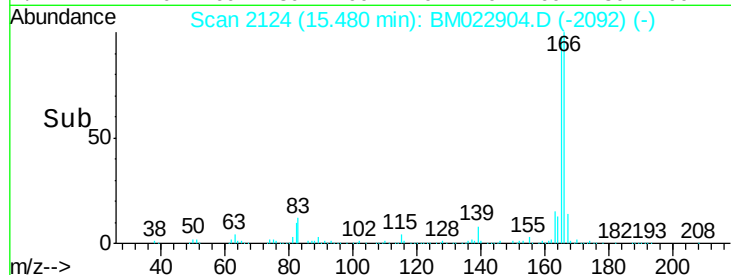
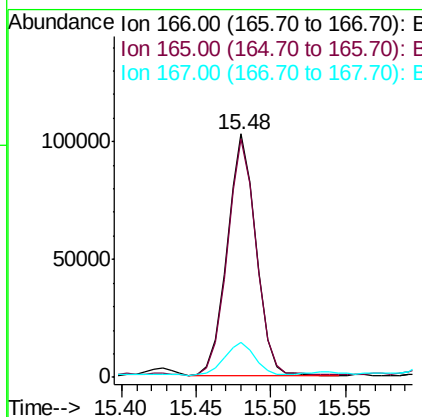
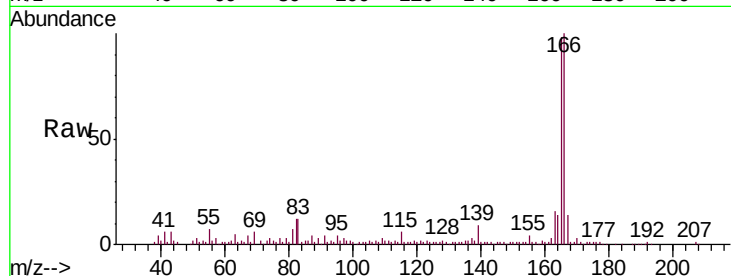
#59
 Fluorene
 Concen: 2.703 ng/ul
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Instrument :
 BNA_M
 ClientSampled :
 BFDH3

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	138763		
165	98.1	77.7	116.5	
167	14.4	11.0	16.4	

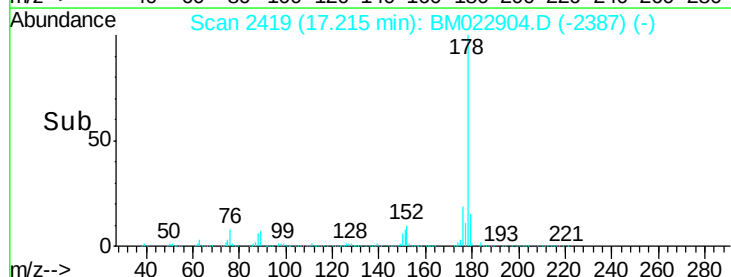
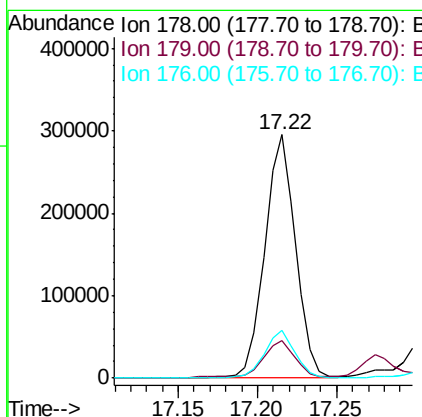
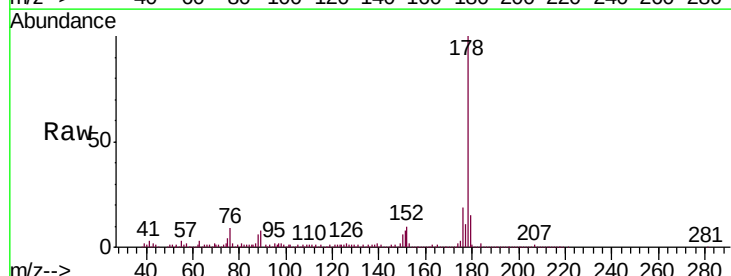
Manual Integrations
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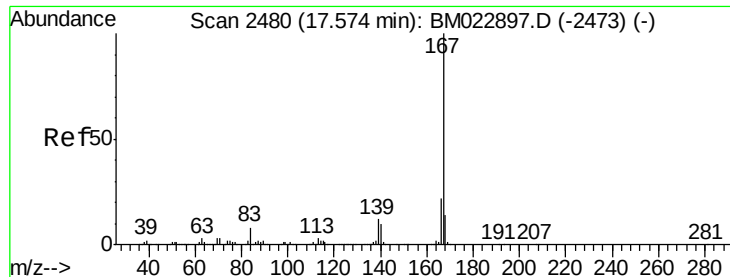
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#70
 Phenanthrene
 Concen: 6.053 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	396022		
179	15.5	12.4	18.6	
176	19.4	15.3	22.9	





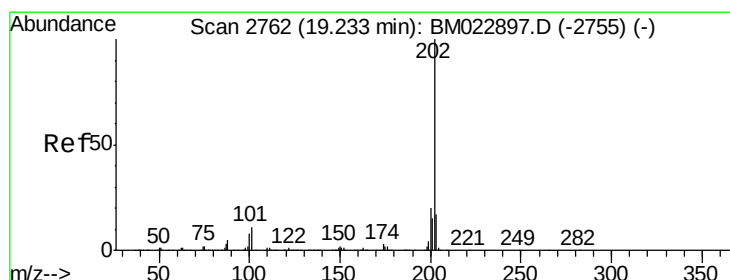
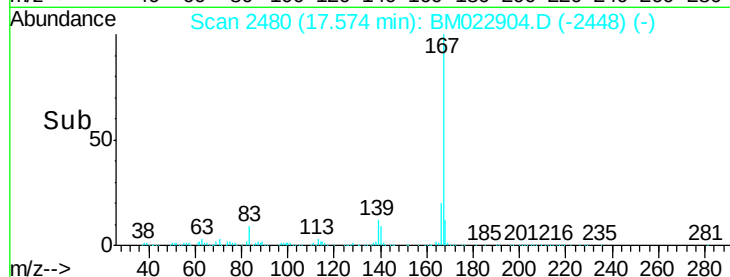
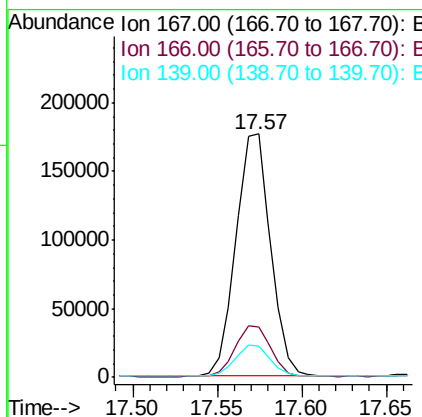
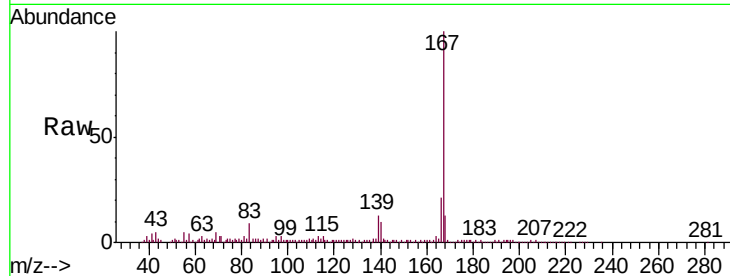
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 Carbazole
 Concen: 4.264 ng/ul
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 BFDH3

Tgt Ion:	167	Resp:	252592
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.1	25.7
139	12.9	9.9	14.9

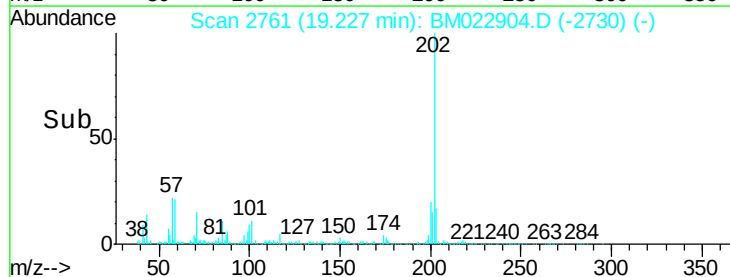
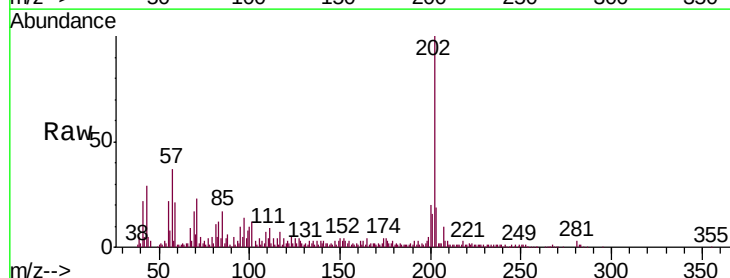
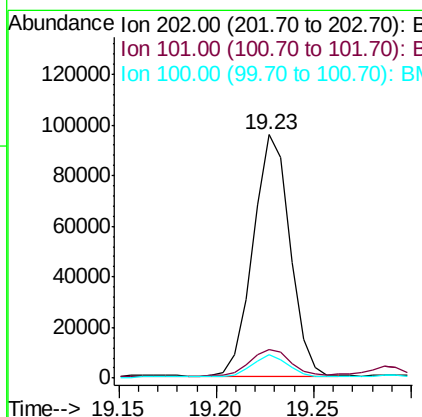
Manual Integrations
 APPROVED

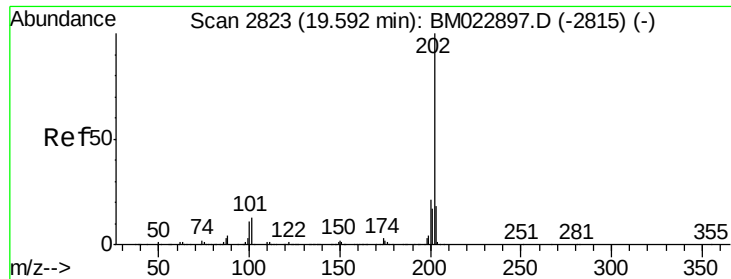
mohammad
 10/3/2019 5:42:40 PM



#77
 Fluoranthene
 Concen: 1.697 ng/ul
 RT: 19.23 min Scan# 2761
 Delta R.T. -0.02 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Tgt Ion:	202	Resp:	124897
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.6	12.8
100	9.6	6.4	9.6





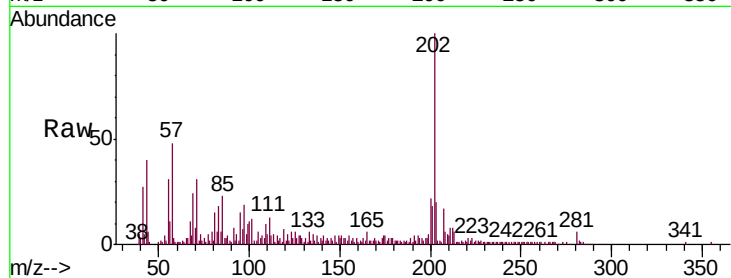
#80
 Pyrene
 Concen: 1.752 ng/ul
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 BFDH3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	9.7	14.5
100	11.0	7.8	11.8

Manual Integrations
 APPROVED

mohammad
 10/3/2019 5:42:40 PM



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

