

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022337.D
 Acq On : 26 Aug 2019 18:57
 Operator : HP/JU
 Sample : K4373-11DL 20X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AB2DL

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:00:07 AM

Quant Time: Aug 27 12:11:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 11:54:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	19799	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	92602	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	67717	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	170418	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	164568	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	146589	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	1343	1.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	1298	0.94	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	733	0.49	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	638m	0.92	ng/ul	0.02
22) 2-Nitrophenol-d4	9.43	143	824	1.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2484	1.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	370	0.19	ng/ul	-0.03
43) Dimethylphthalate-d6	13.63	166	11758	1.97	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	11789	1.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	682	0.77	ng/ul	-0.05
57) Fluorene-d10	15.20	176	11072	2.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	379	0.29	ng/ul	0.00
70) Anthracene-d10	17.06	188	18701	2.07	ng/ul	-0.01
78) Pyrene-d10	19.37	212	22067	2.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	16131	2.00	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	8.01	108	6583	4.569	ng/ul 95
24) 2,4-Dimethylphenol	9.52	107	33563m	16.214	ng/ul
28) Naphthalene	10.37	128	1282853	251.030	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	52961	13.451	ng/ul 96
40) 1,1'-Biphenyl	13.03	154	33089	6.004	ng/ul 98
49) Acenaphthene	14.26	153	208136	44.014	ng/ul 100
53) Dibenzofuran	14.61	168	155254	22.043	ng/ul 99
58) Fluorene	15.26	166	109070	18.386	ng/ul 96
68) Pentachlorophenol	16.63	266	1753	1.068	ng/ul 96
69) Phenanthrene	17.01	178	174104	17.077	ng/ul 99
71) Anthracene	17.10	178	13728	1.294	ng/ul 98
74) Carbazole	17.39	167	155779	16.257	ng/ul 99
76) Fluoranthene	19.04	202	24462	1.592	ng/ul# 98
79) Pyrene	19.40	202	14256	1.338	ng/ul 98

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

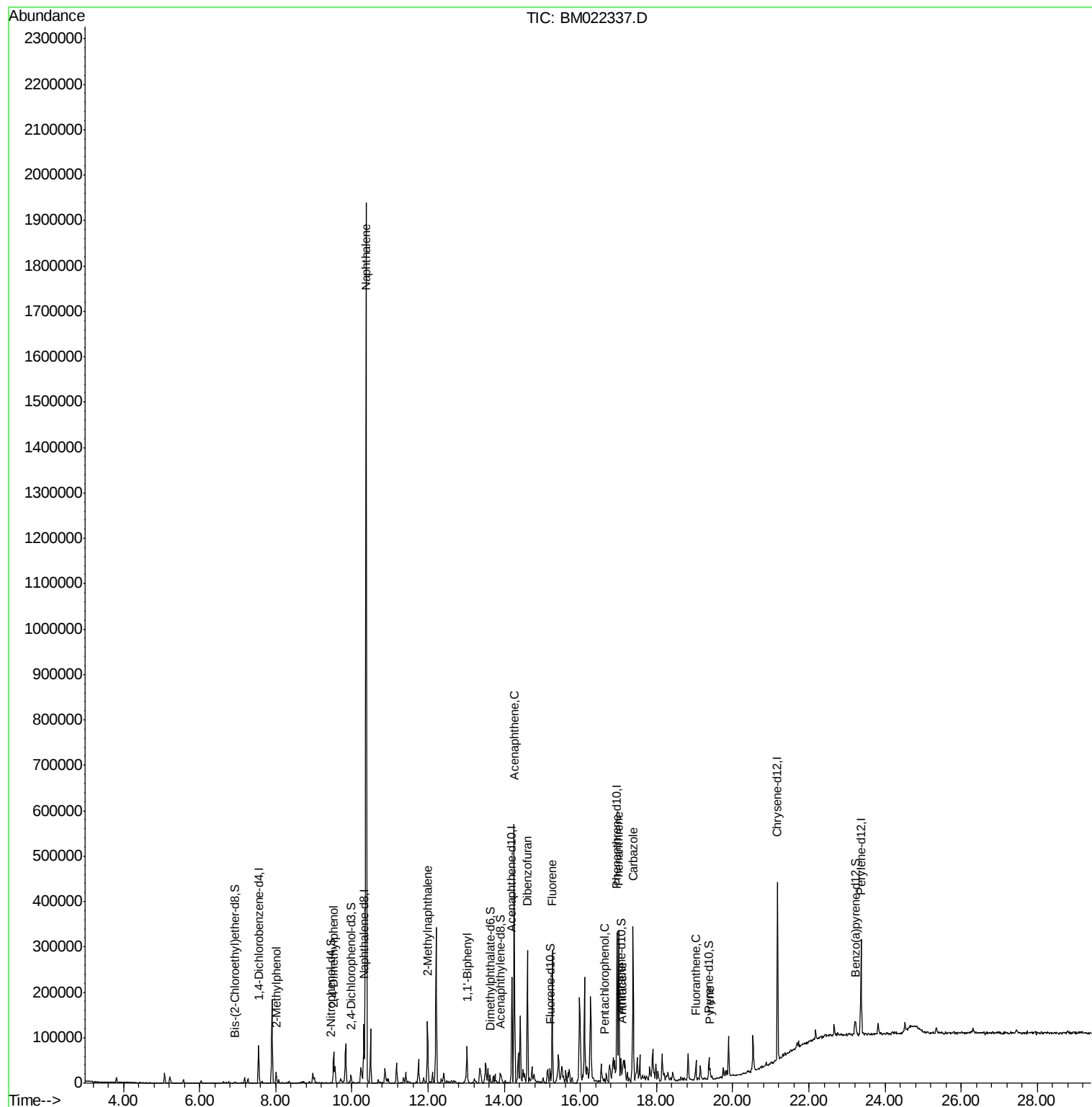
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022337.D
Acq On : 26 Aug 2019 18:57
Operator : HP/JU
Sample : K4373-11DL 20X
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ALS Vial : 15 Sample Multiplier: 1

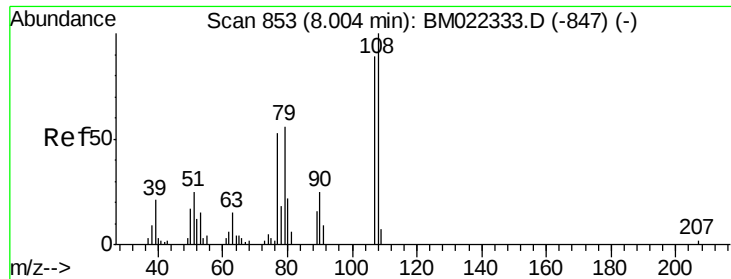
Instrument :
BNA_M
ClientSampleId :
C0AB2DL

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Quant Time: Aug 27 12:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
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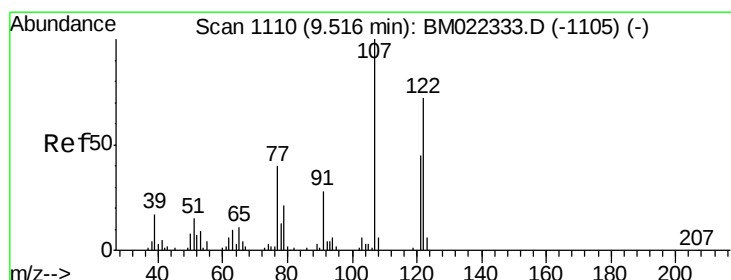
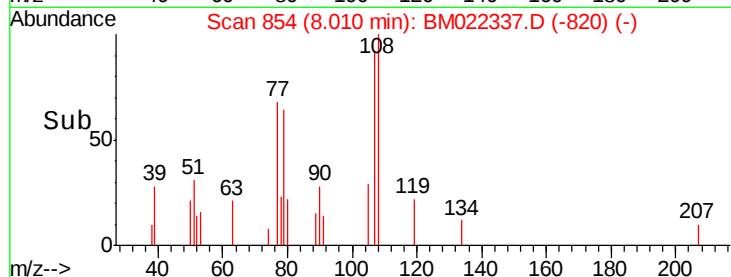
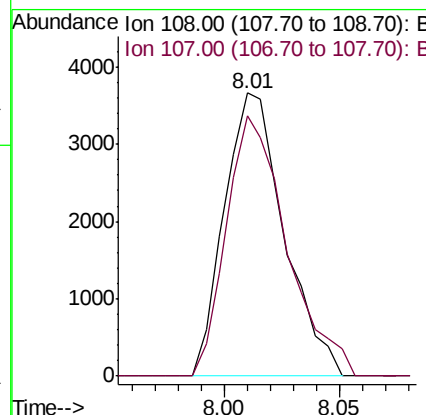
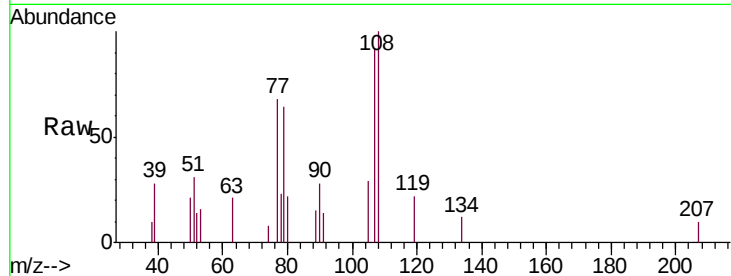
#11
2-Methylphenol
Concen: 4.569 ng/ul
RT: 8.01 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM022337.D
Acq: 26 Aug 2019 18:57

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Resp	Lower	Upper
108	100	6583		
107	91.9	70.1	105.1	

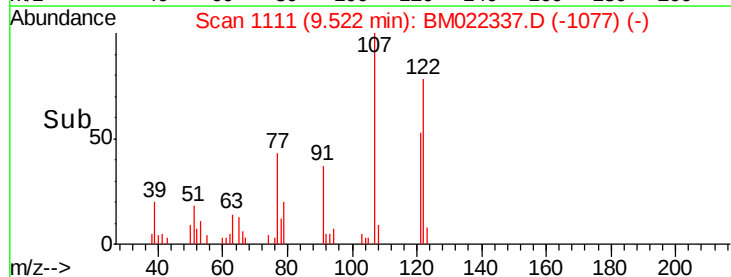
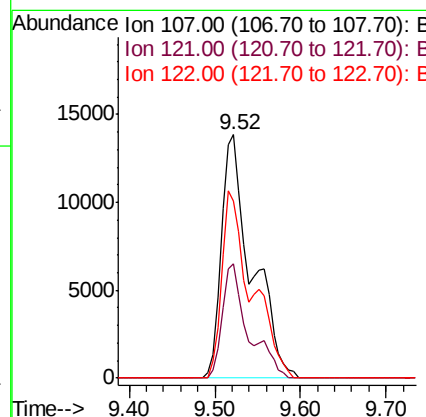
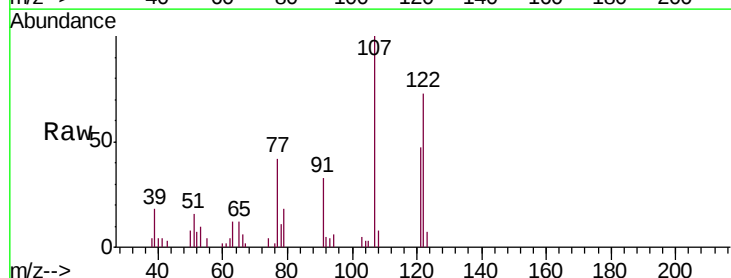
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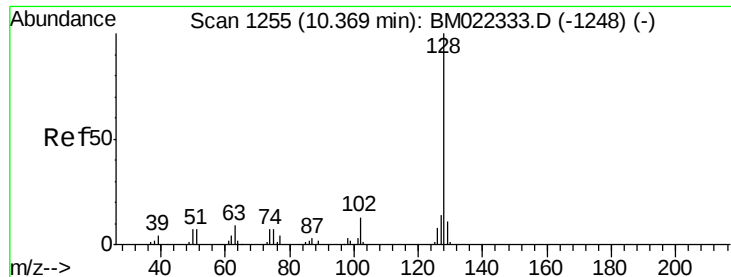
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#24
2,4-Dimethylphenol
Concen: 16.214 ng/ul m
RT: 9.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM022337.D
Acq: 26 Aug 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	33563		
121	47.2	33.6	50.4	
122	72.9	58.0	87.0	





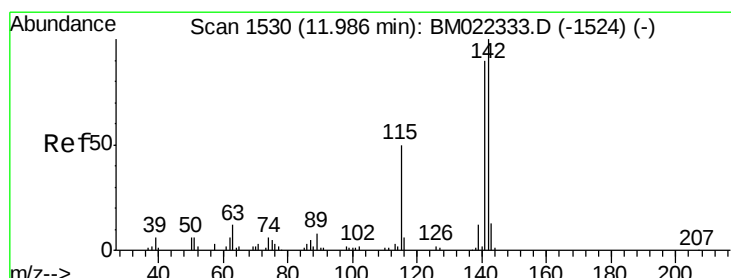
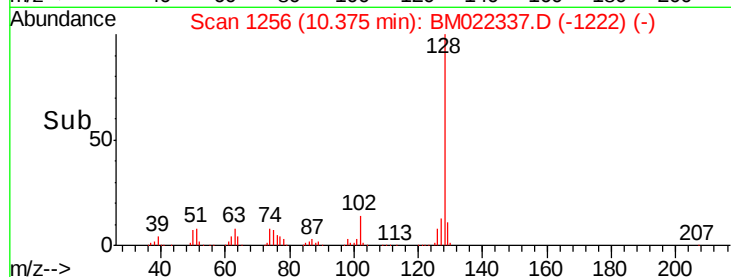
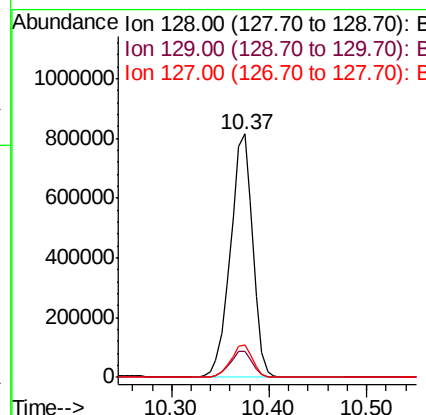
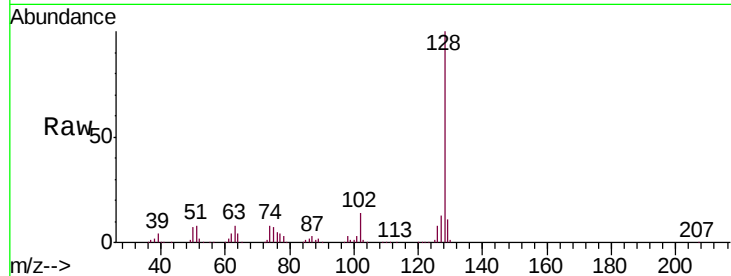
#28
Naphthalene
Concen: 251.030 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM022337.D
Acq: 26 Aug 2019 18:57

Instrument :
BNA_M
ClientSampled :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.4	15.6

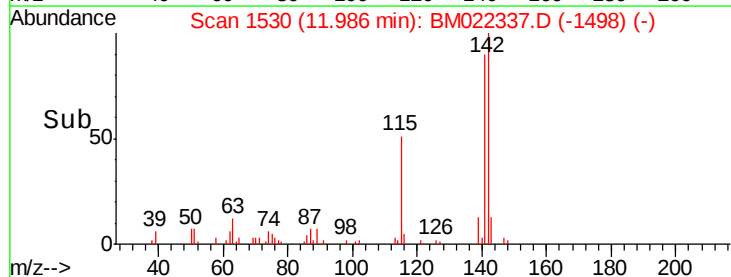
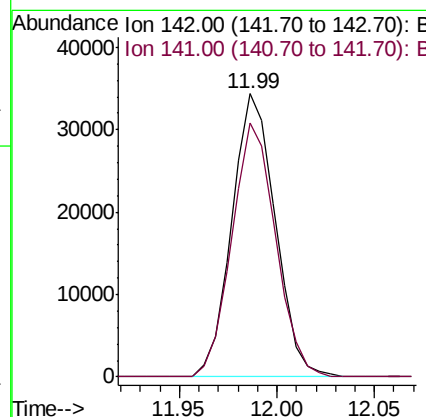
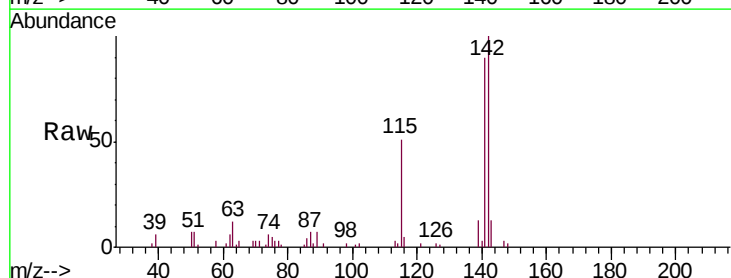
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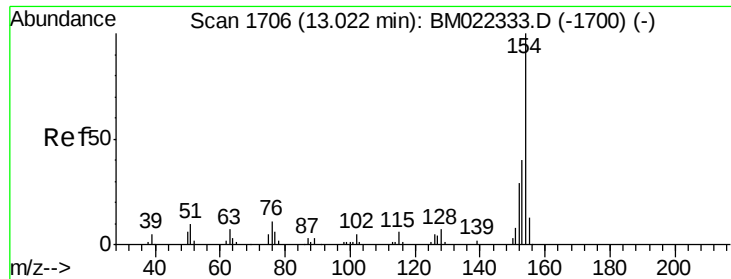
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#34
2-Methylnaphthalene
Concen: 13.451 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM022337.D
Acq: 26 Aug 2019 18:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.1	112.7





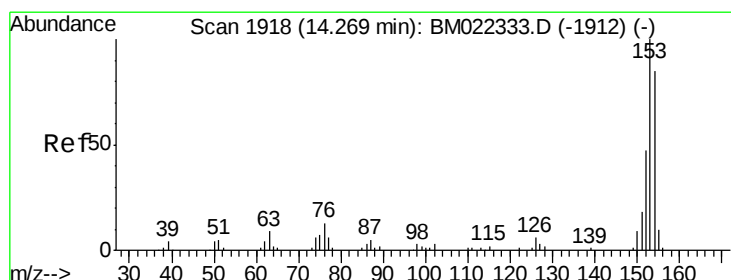
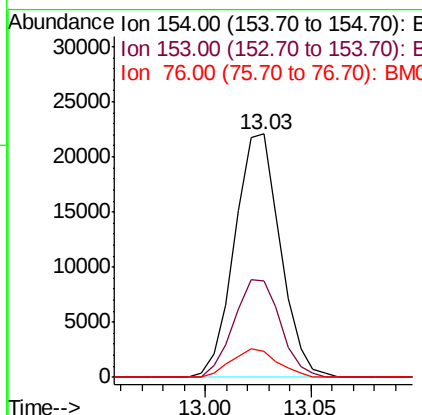
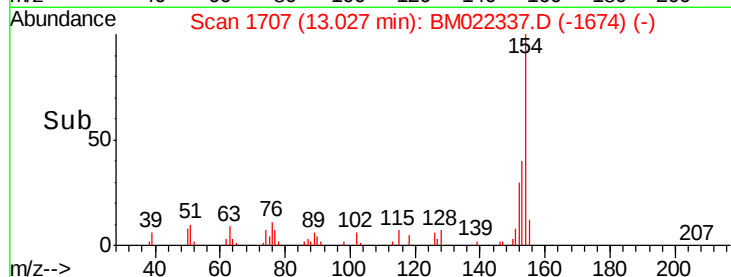
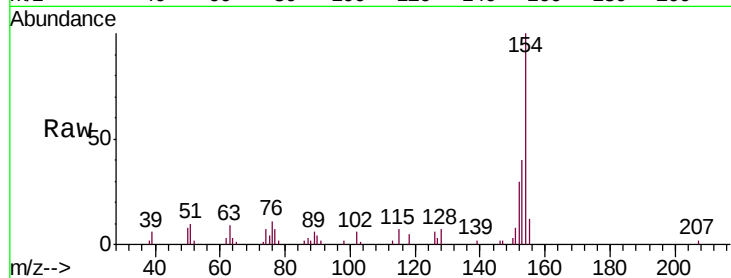
#40
 1,1'-Biphenyl
 Concen: 6.004 ng/ul
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM022337.D
 Acq: 26 Aug 2019 18:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL

Tot Ion:	154	Resp:	33089
Ion Ratio	Lower	Upper	
154	100		
153	39.7	32.5	48.7
76	10.8	9.2	13.8

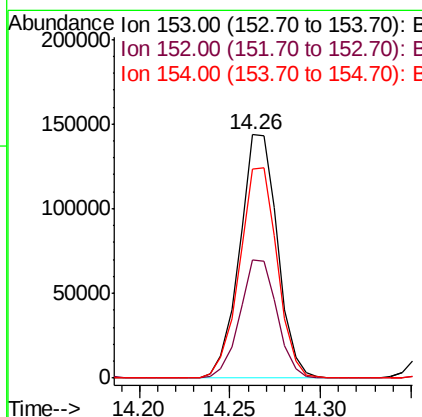
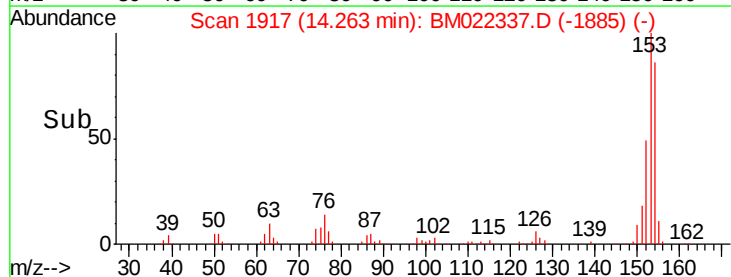
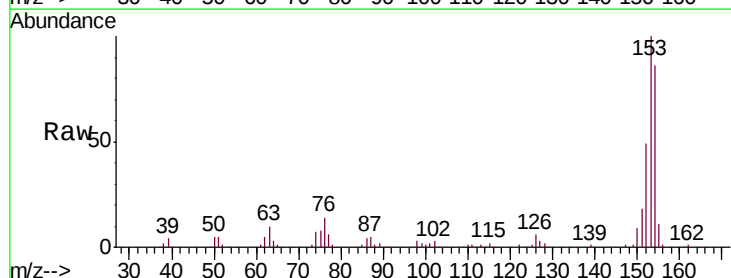
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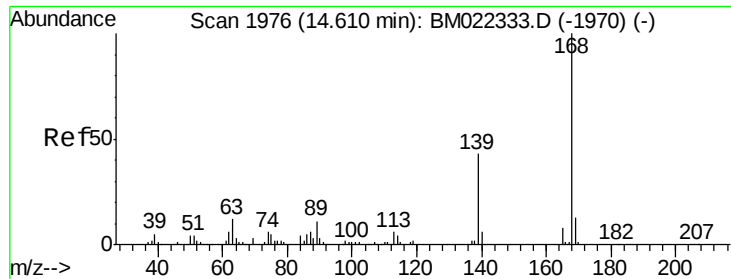
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#49
 Acenaphthene
 Concen: 44.014 ng/ul
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BM022337.D
 Acq: 26 Aug 2019 18:57

Tgt Ion:	153	Resp:	208136
Ion Ratio	Lower	Upper	
153	100		
152	48.8	38.6	58.0
154	86.0	68.9	103.3





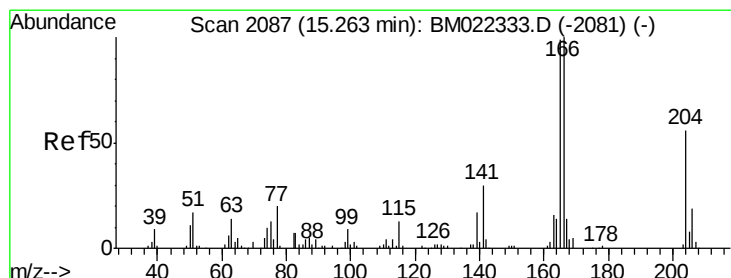
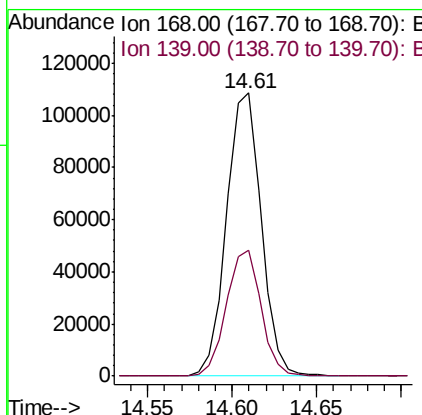
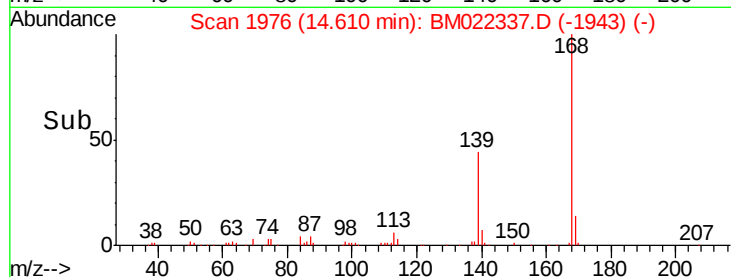
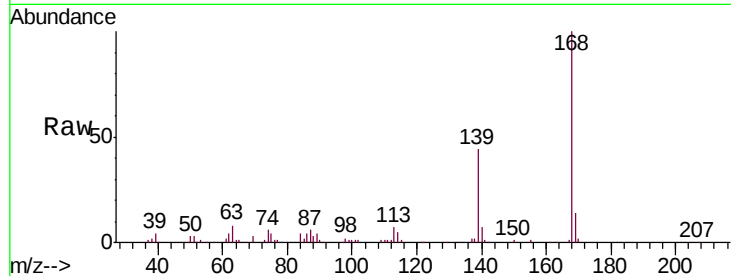
#53
Dibenzofuran
Concen: 22.043 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022337.D
Acq: 26 Aug 2019 18:57

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.5	36.2	54.4

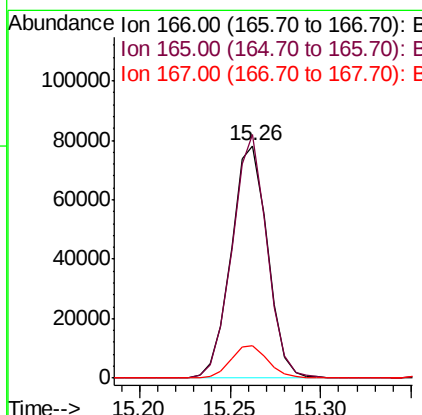
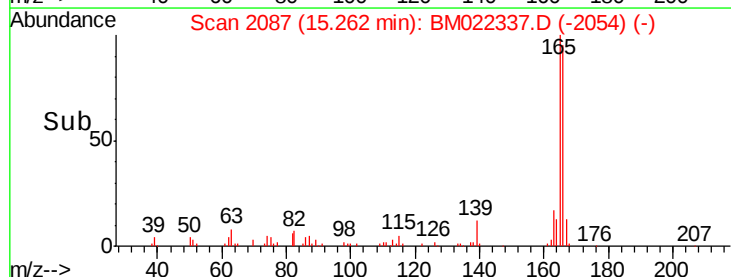
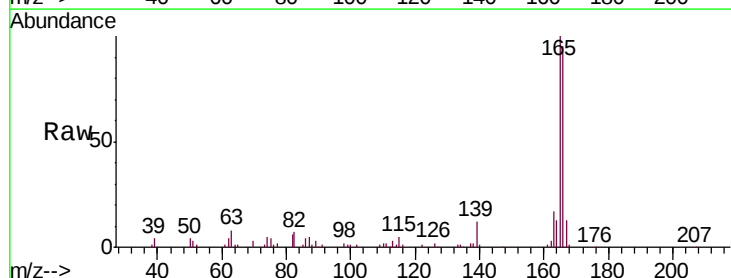
Manual Integrations
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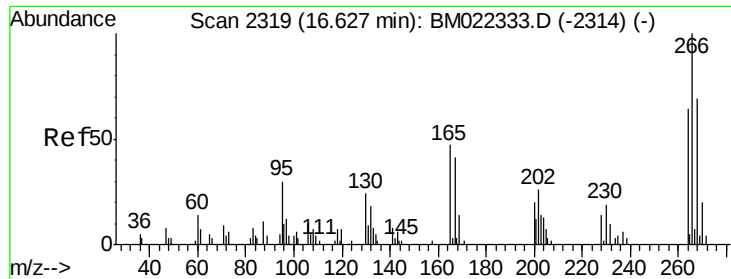
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#58
Fluorene
Concen: 18.386 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022337.D
Acq: 26 Aug 2019 18:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.9	80.2	120.2
167	13.9	11.4	17.0





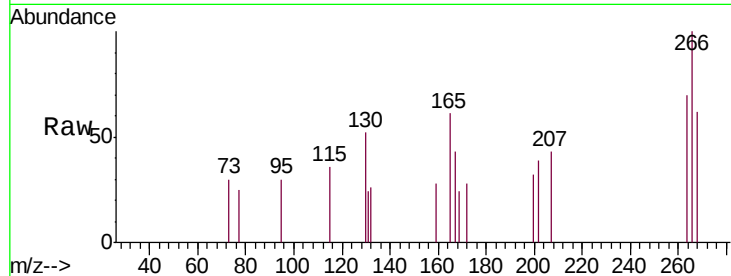
#68
 Pentachlorophenol
 Concen: 1.068 ng/ul
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BM022337.D
 Acq: 26 Aug 2019 18:57

Instrument :
 BNA_M
 ClientSampleID :
 C0AB2DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	69.8	51.3	76.9
268	61.9	49.4	74.2

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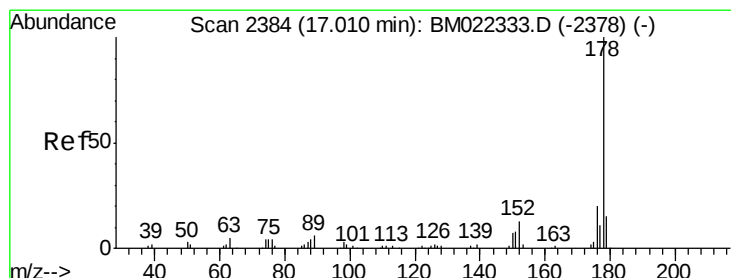
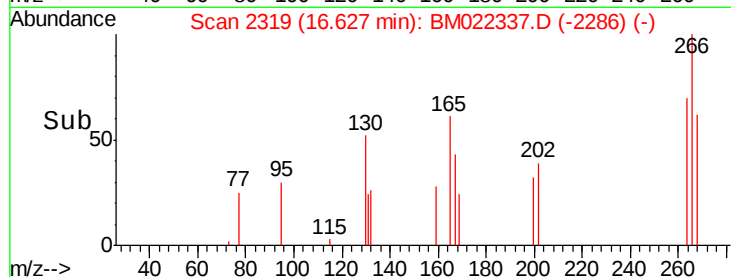
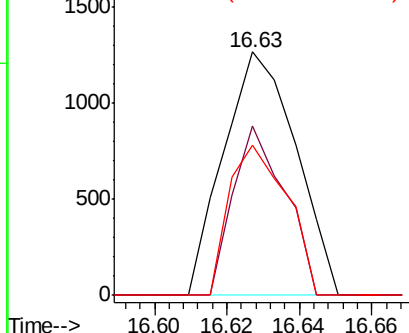


Abundance

Ion 265.70 (265.40 to 266.40): E

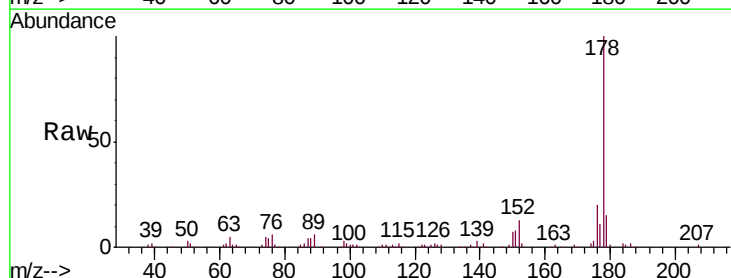
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 17.077 ng/ul
 RT: 17.01 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BM022337.D
 Acq: 26 Aug 2019 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.8	15.4	23.0

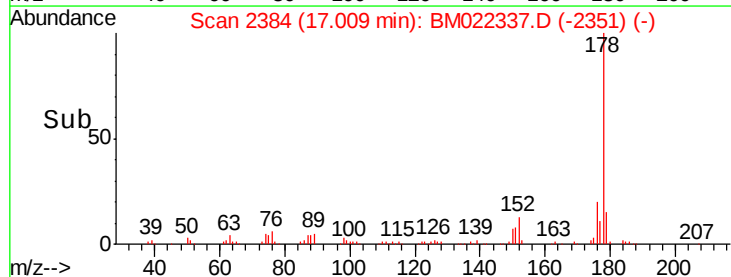
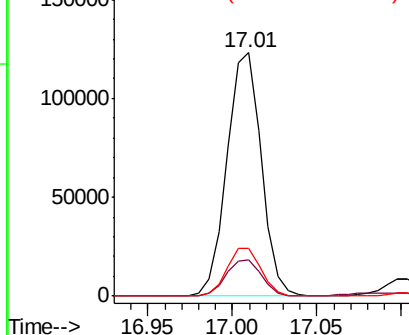


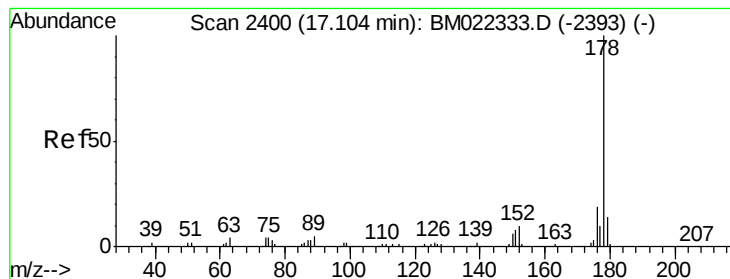
Abundance

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: 1.294 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM022337.D

Acq: 26 Aug 2019 18:57

Instrument :

BNA_M

ClientSampleId :

C0AB2DL

Tot Ion:178 Resp: 13728

Ion Ratio Lower Upper

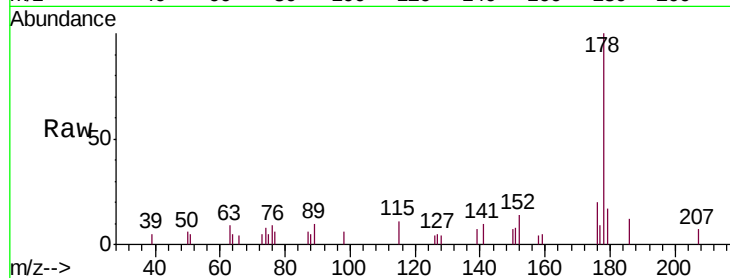
178 100

179 16.9 12.3 18.5

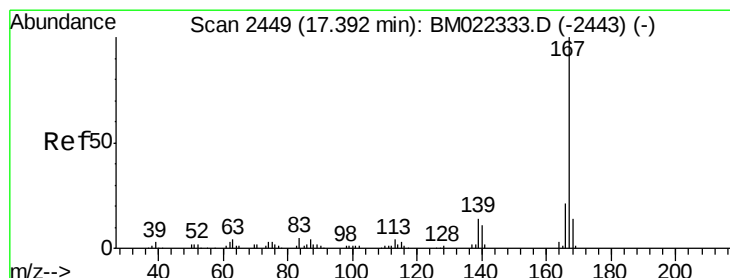
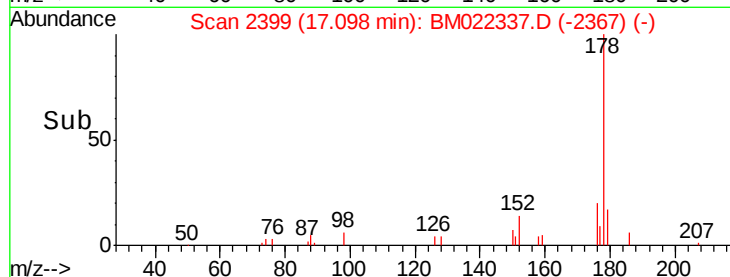
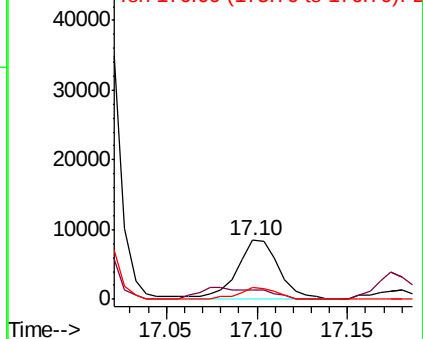
176 20.2 15.5 23.3

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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



#74

Carbazole

Concen: 16.257 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM022337.D

Acq: 26 Aug 2019 18:57

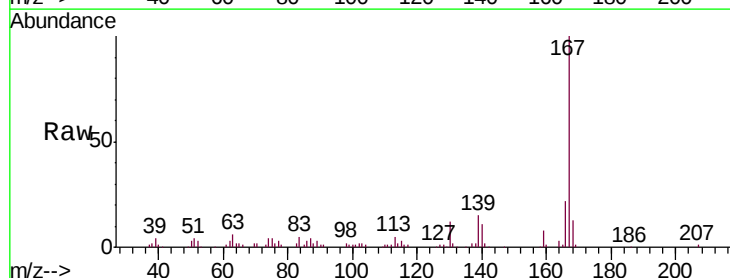
Tgt Ion:167 Resp: 155779

Ion Ratio Lower Upper

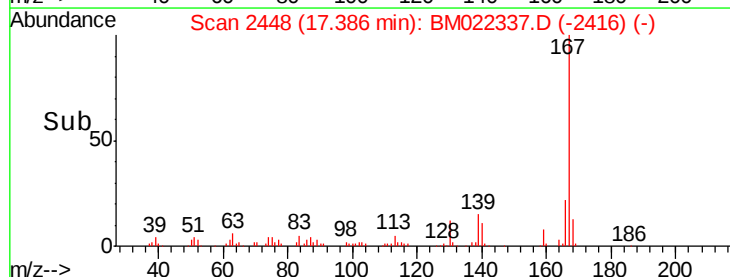
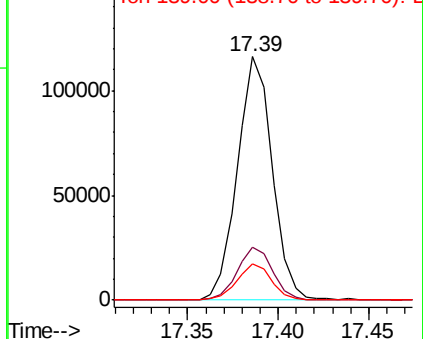
167 100

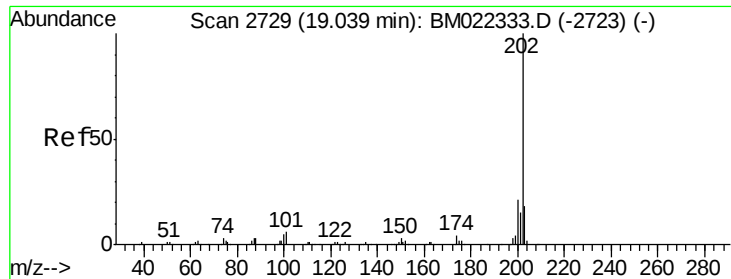
166 21.7 17.8 26.8

139 14.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 1.592 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM022337.D

Acq: 26 Aug 2019 18:57

Instrument :

BNA_M

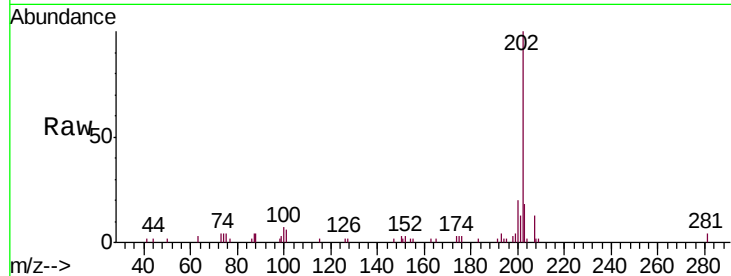
ClientSampleId :

C0AB2DL

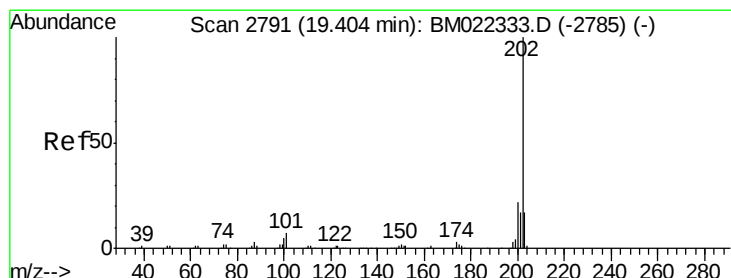
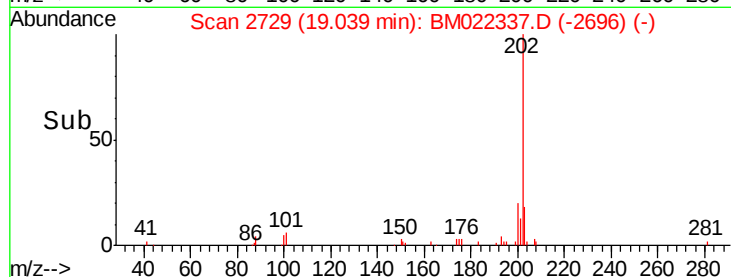
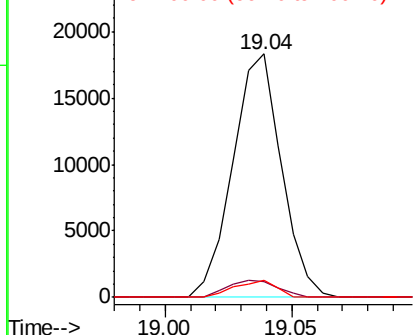
Tot Ion:	202	Resp:	24462
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.3	7.9
100	7.1	4.6	6.8

Manual Integrations
APPROVED

mohammad
8/28/2019 10:00:07 AM



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



#79

Pyrene

Concen: 1.338 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM022337.D

Acq: 26 Aug 2019 18:57

Tgt Ion:	202	Resp:	14256
Ion Ratio	Lower	Upper	
202	100		
101	7.9	7.0	10.4
100	6.4	5.8	8.8

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

