

Data File : BM022312.D
Acq On : 25 Aug 2019 03:34
Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE4

Manual Integrations
APPROVED

mohammad
8/26/2019 8:31:24 AM

Quant Time: Aug 29 04:26:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	49498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	219526	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	159582	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	371054	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	339799	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	313216	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	5366	4.85	ng/uL	0.00
5) Phenol-d5	6.75	99	29447	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	69774	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	85293	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57144	15.43	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	51665	31.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	64224	33.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	116443	30.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	5882	1.25	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	418332	29.77	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	457272	30.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	14839	7.13	ng/ul	0.04
57) Fluorene-d10	15.22	176	365784	31.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	63595	22.21	ng/ul	0.00
70) Anthracene-d10	17.07	188	629691	32.05	ng/ul	0.00
78) Pyrene-d10	19.38	212	751349	42.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	553260	32.15	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.79	94	730760	159.752	ng/ul	96
16) 4-Methylphenol	8.35	108	12862	3.247	ng/ul	93
24) 2,4-Dimethylphenol	9.56	107	32538m	6.631	ng/ul	
28) Naphthalene	10.39	128	2988016	246.641	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	92332	9.892	ng/ul	93
40) 1,1'-Biphenyl	13.03	154	25806	1.987	ng/ul#	92
44) Dimethylphthalate	13.69	163	45370	3.173	ng/ul	98
49) Acenaphthene	14.27	153	317265	28.469	ng/ul	100
53) Dibenzofuran	14.61	168	136583	8.229	ng/ul	100
58) Fluorene	15.27	166	117778	8.425	ng/ul	99
69) Phenanthrene	17.02	178	212743	9.584	ng/ul	99
71) Anthracene	17.11	178	46957	2.033	ng/ul	96
74) Carbazole	17.40	167	94915	4.549	ng/ul	96
79) Pyrene	19.41	202	25603	1.164	ng/ul#	96

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

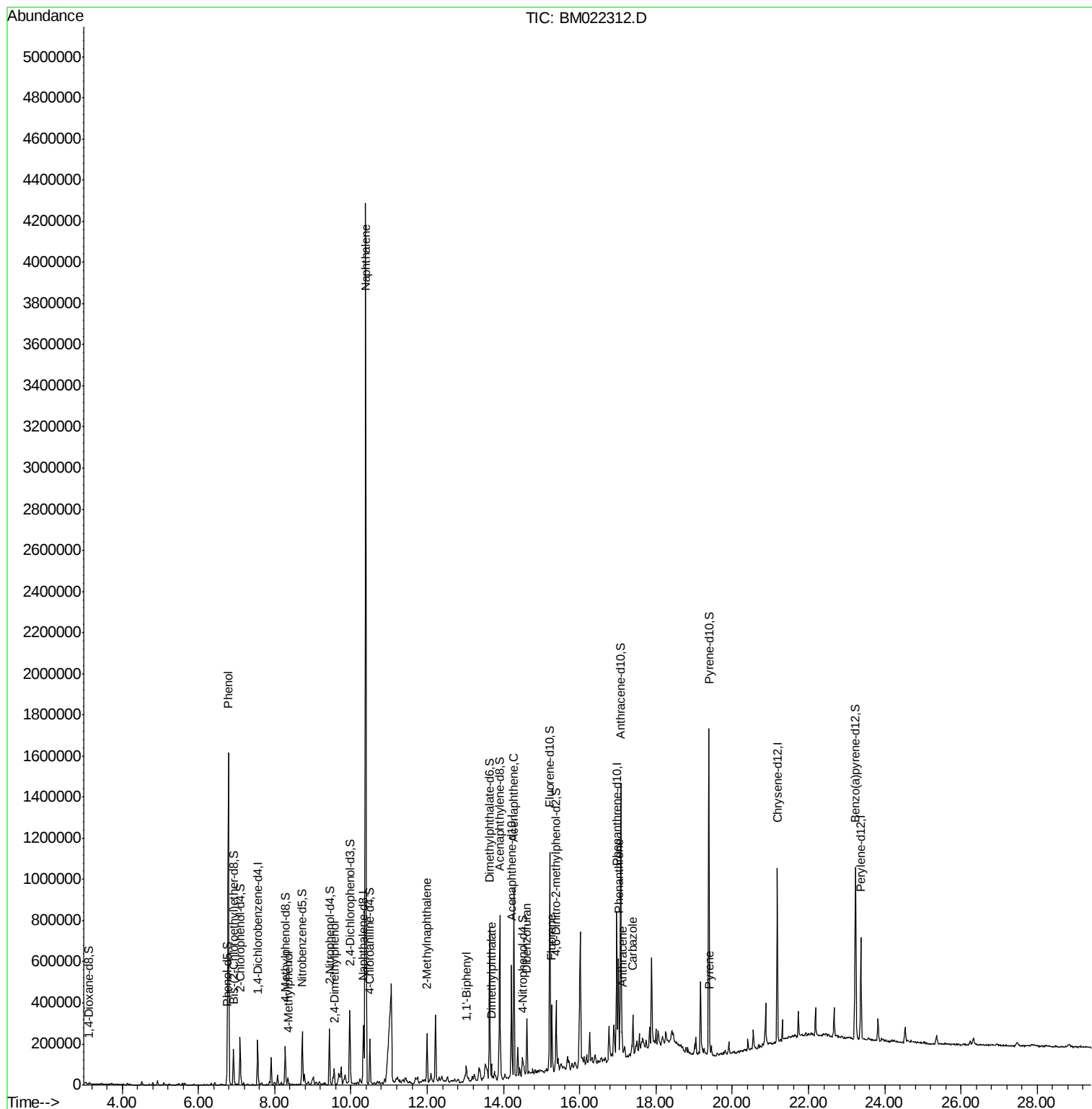
Data File : BM022312.D
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ALS Vial : 21 Sample Multiplier: 1

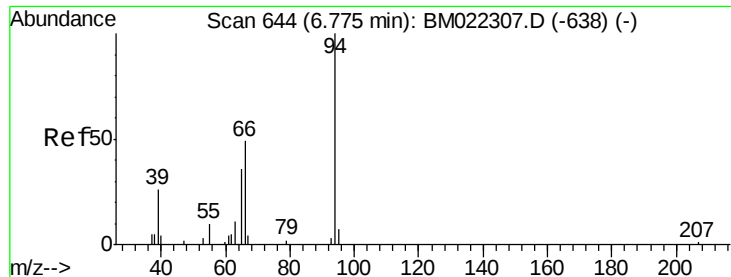
Instrument :
BNA_M
ClientSampleId :
C0AE4

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Quant Time: Aug 29 04:26:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration





#6

Phenol

Concen: 159.752 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM022312.D

Acq: 25 Aug 2019 03:34

Instrument :

BNA_M

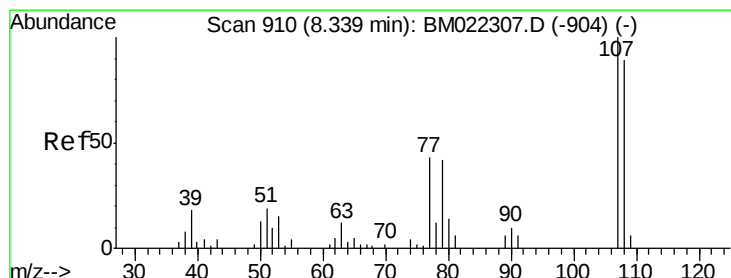
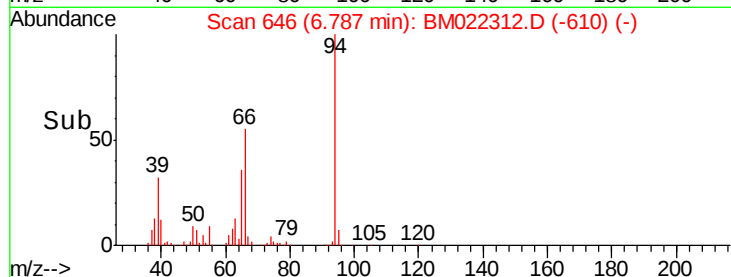
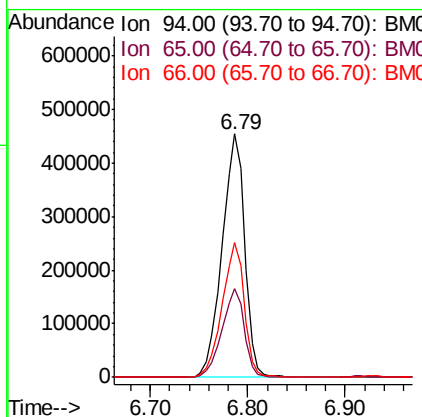
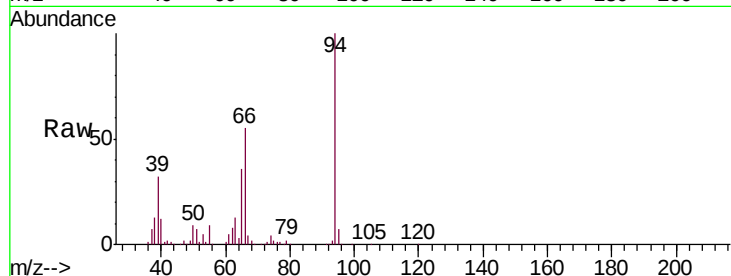
ClientSampled :

C0AE4

Tgt Ion:	94	Resp:	730760
Ion	Ratio	Lower	Upper
94	100		
65	36.4	29.2	43.8
66	55.2	40.6	60.8

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#16

4-Methylphenol

Concen: 3.247 ng/ul

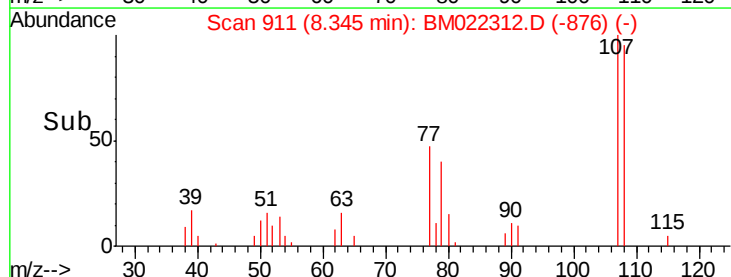
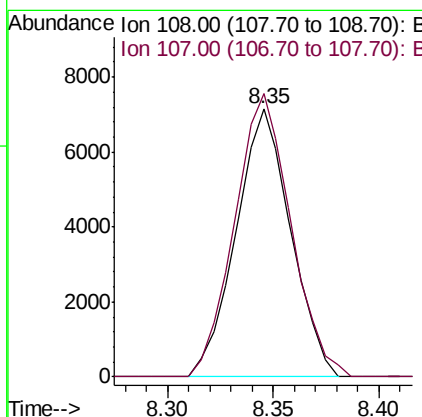
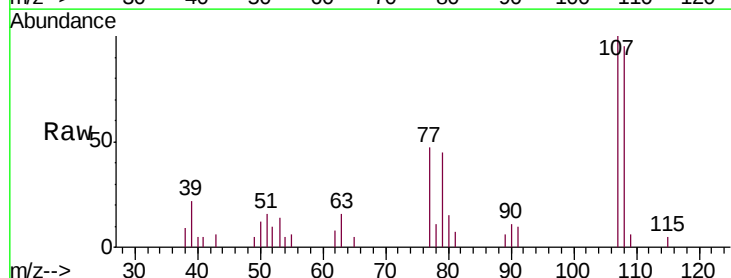
RT: 8.35 min Scan# 911

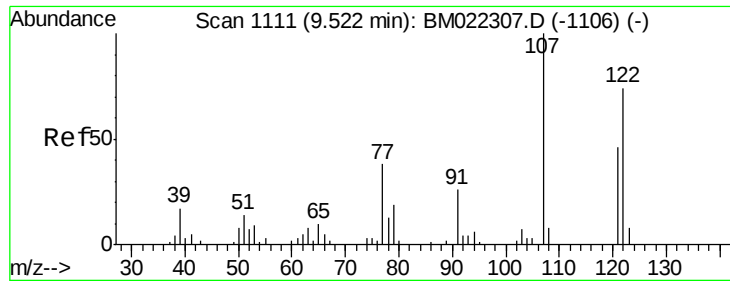
Delta R.T. 0.01 min

Lab File: BM022312.D

Acq: 25 Aug 2019 03:34

Tgt Ion:	108	Resp:	12862
Ion	Ratio	Lower	Upper
108	100		
107	105.6	90.8	136.2





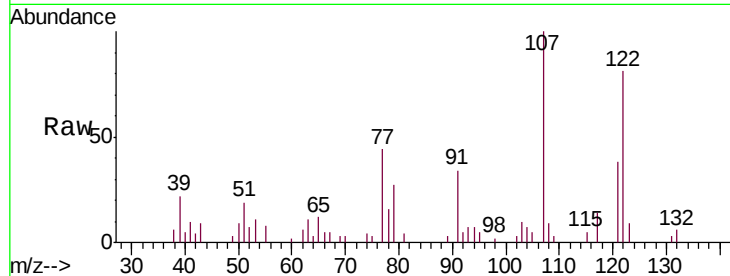
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2,4-Dimethylphenol
Concen: 6.631 ng/ul m
RT: 9.56 min Scan# 1118
Delta R.T. 0.04 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampled :
C0AE4

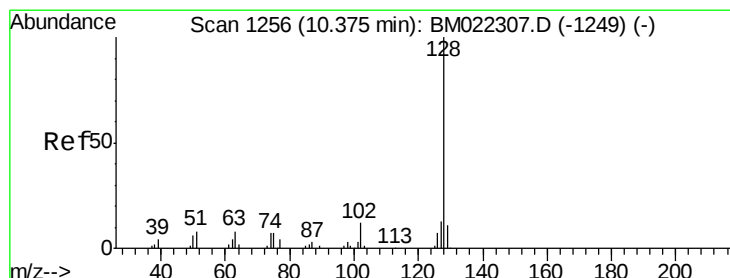
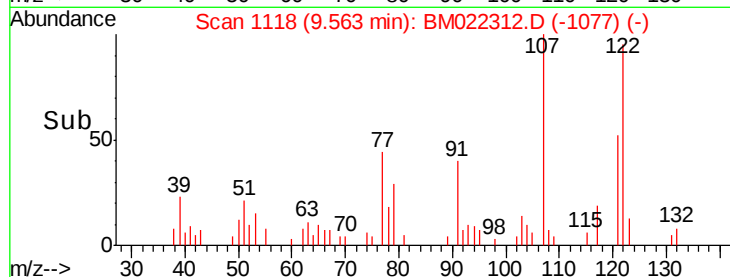
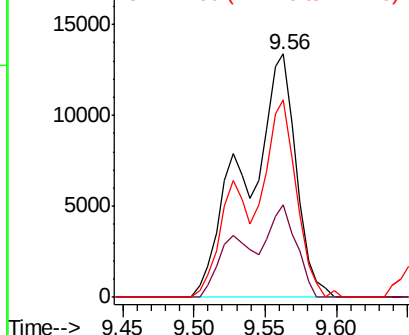
Tgt Ion	Ratio	Lower	Upper
107	100		
121	38.0	33.6	50.4
122	81.0	58.0	87.0

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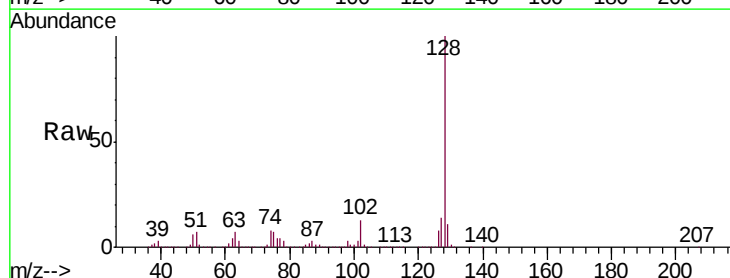


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

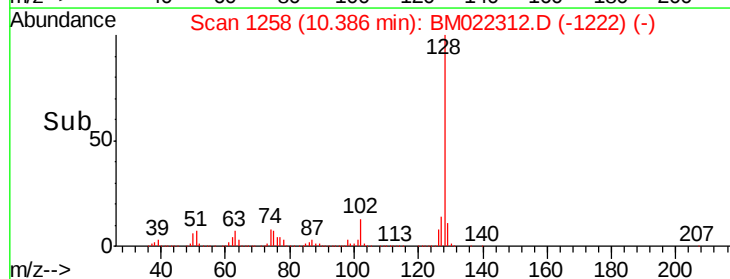
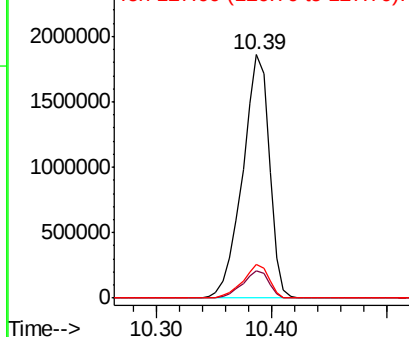


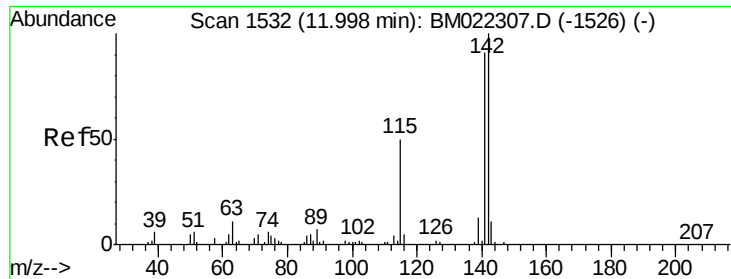
#28
Naphthalene
Concen: 246.641 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





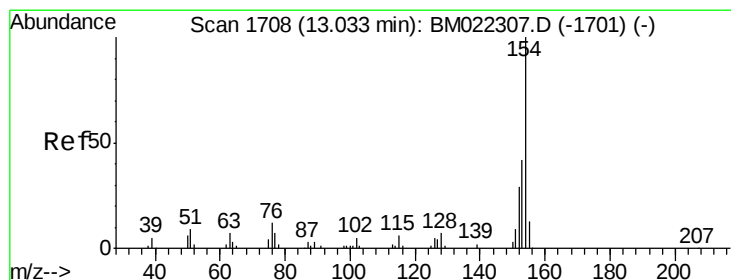
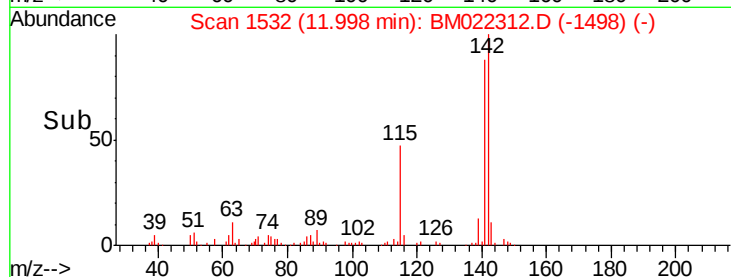
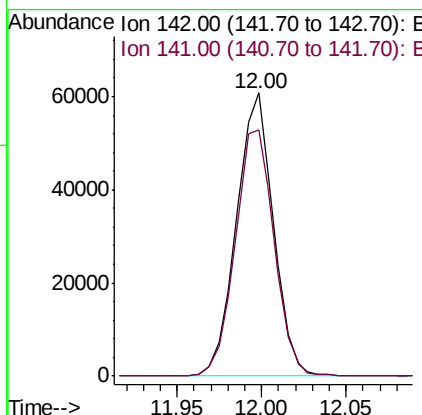
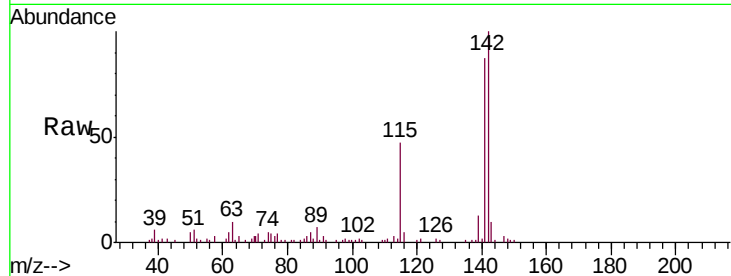
#34
 2-Methylnaphthalene
 Concen: 9.892 ng/ul
 RT: 12.00 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BM022312.D
 Acq: 25 Aug 2019 03:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4

Tgt Ion:142 Resp: 92332
 Ion Ratio Lower Upper
 142 100
 141 86.9 75.1 112.7

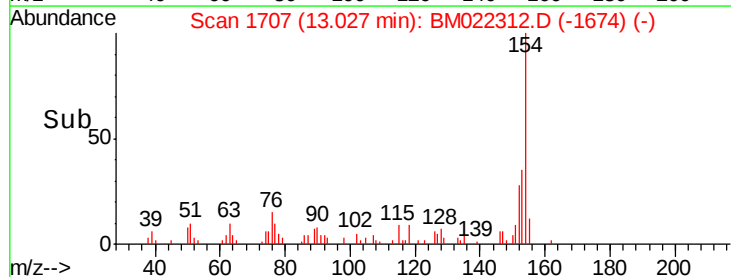
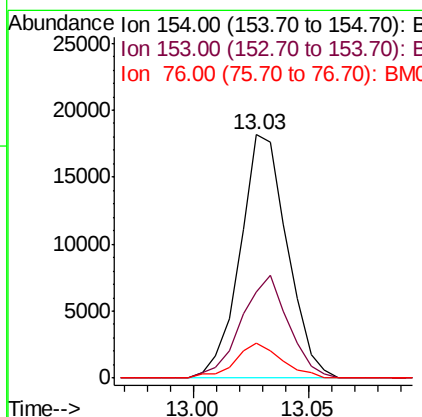
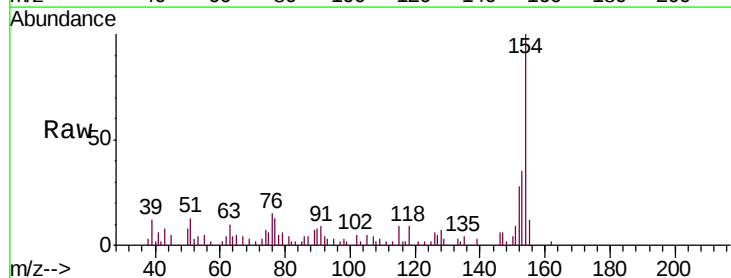
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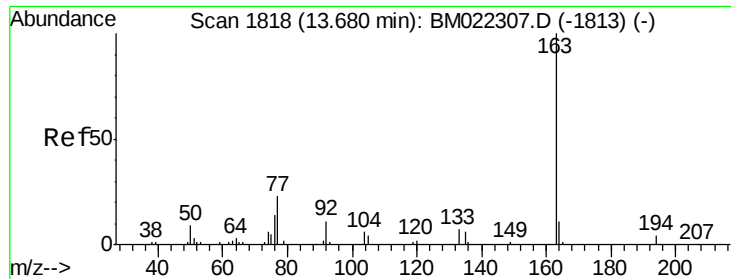
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#40
 1,1'-Biphenyl
 Concen: 1.987 ng/ul
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM022312.D
 Acq: 25 Aug 2019 03:34

Tgt Ion:154 Resp: 25806
 Ion Ratio Lower Upper
 154 100
 153 35.3 32.5 48.7
 76 14.6 9.2 13.8#





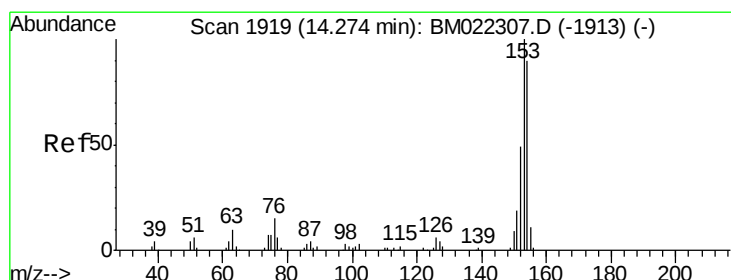
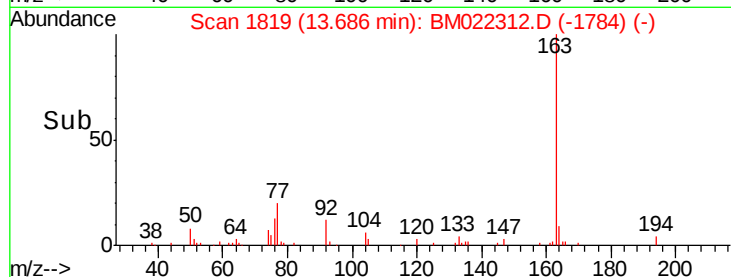
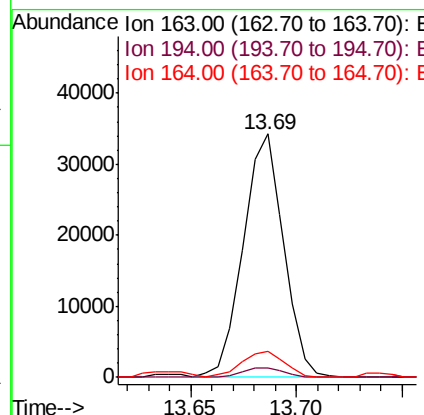
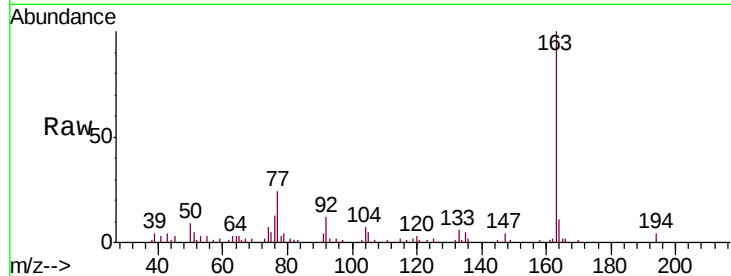
#44
Dimethylphthalate
Concen: 3.173 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.7	7.8	11.8

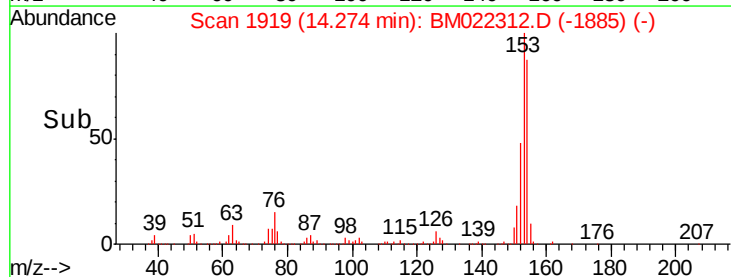
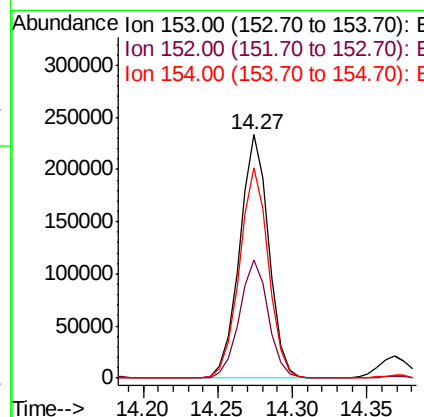
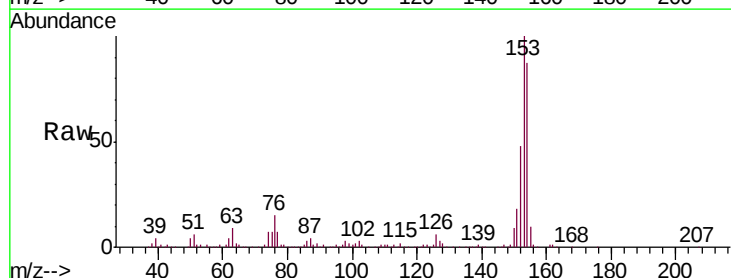
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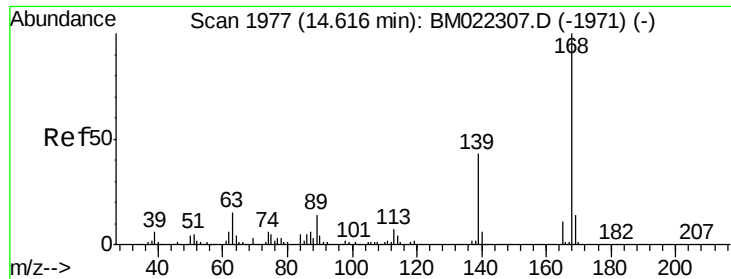
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#49
Acenaphthene
Concen: 28.469 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.6	58.0
154	86.6	68.9	103.3





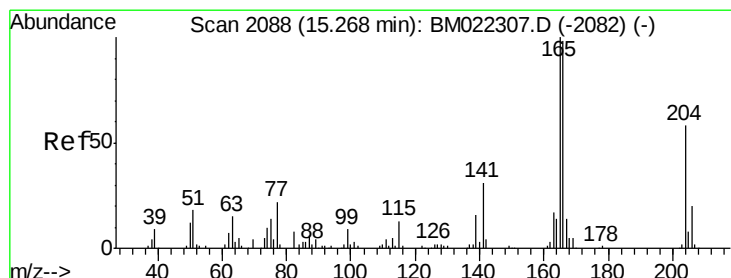
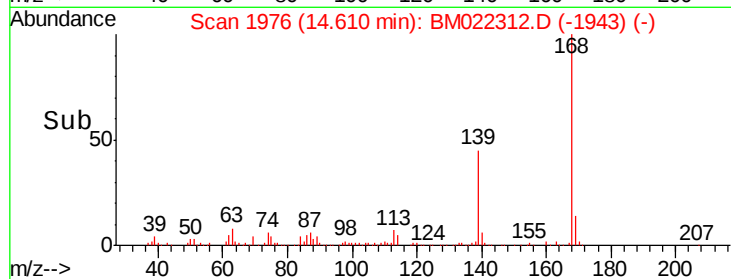
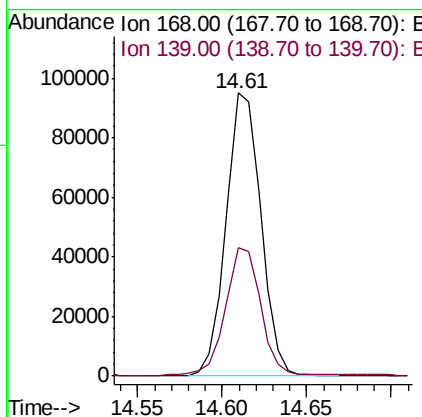
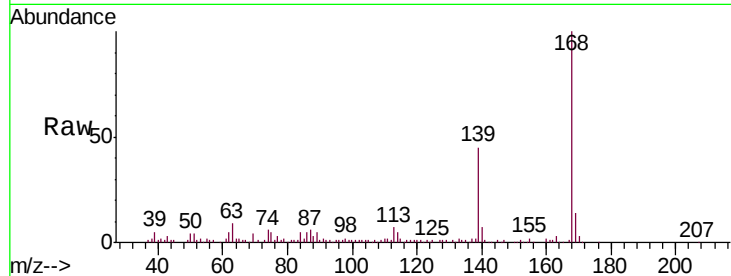
#53
Dibenzenofuran
Concen: 8.229 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampled :
C0AE4

Tgt Ion:168 Resp: 136583
Ion Ratio Lower Upper
168 100
139 45.2 36.2 54.4

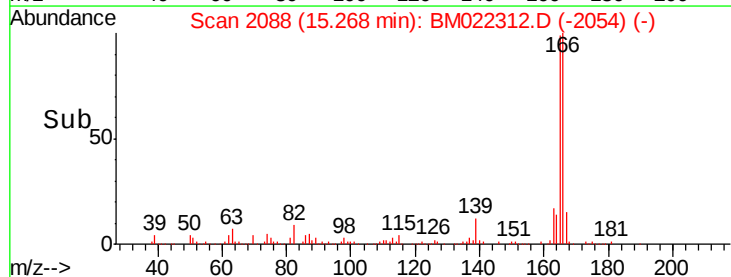
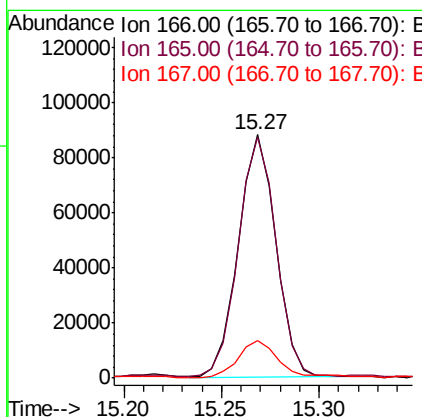
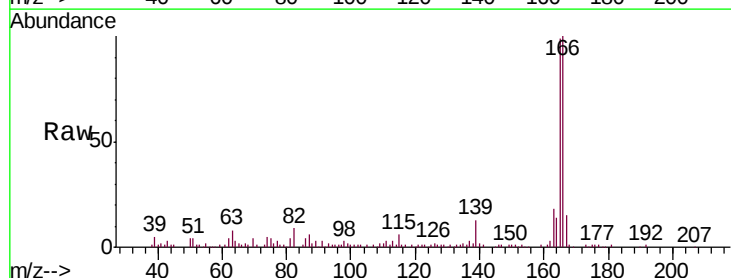
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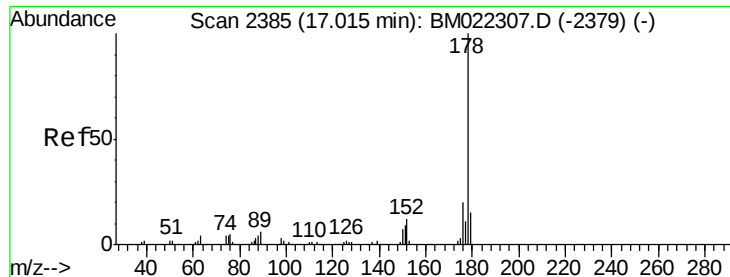
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#58
Fluorene
Concen: 8.425 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:166 Resp: 117778
Ion Ratio Lower Upper
166 100
165 99.0 80.2 120.2
167 15.2 11.4 17.0





#69

Phenanthrene

Concen: 9.584 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM022312.D

Acq: 25 Aug 2019 03:34

Instrument :

BNA_M

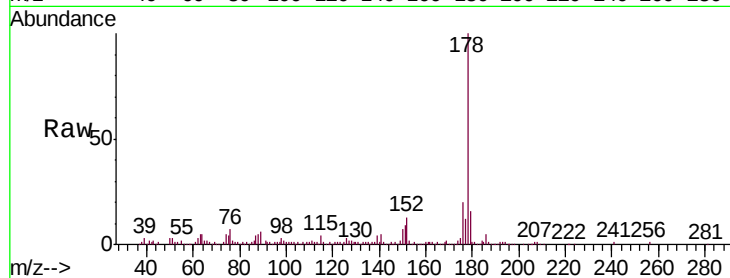
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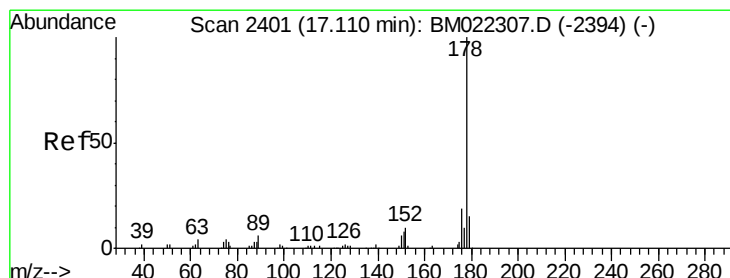
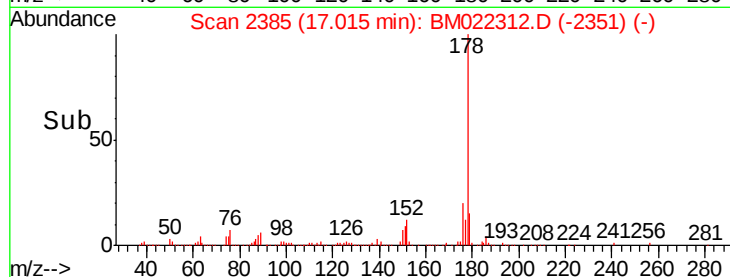
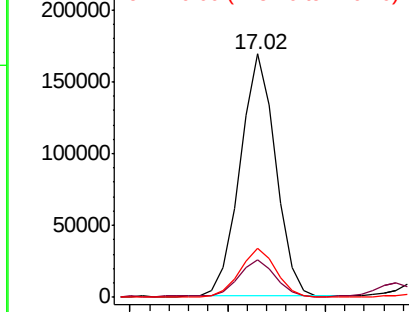
Tgt Ion:	178	Resp:	212743
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.4	18.6
176	20.0	15.4	23.0

Manual Integrations
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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



#71

Anthracene

Concen: 2.033 ng/ul

RT: 17.11 min Scan# 2401

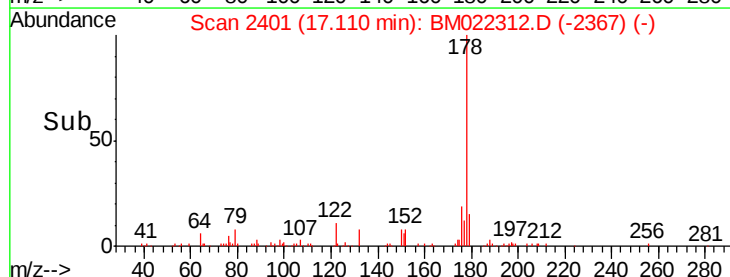
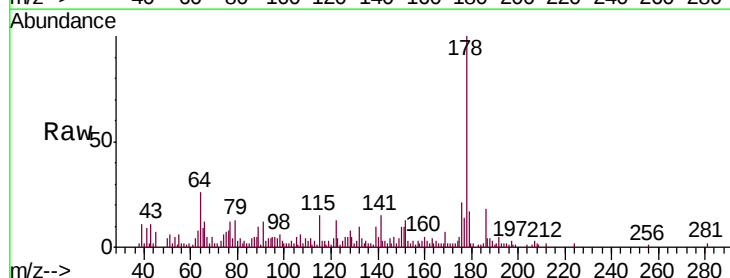
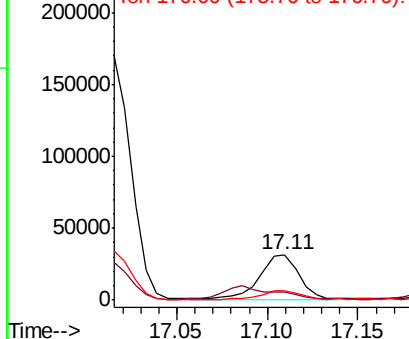
Delta R.T. 0.00 min

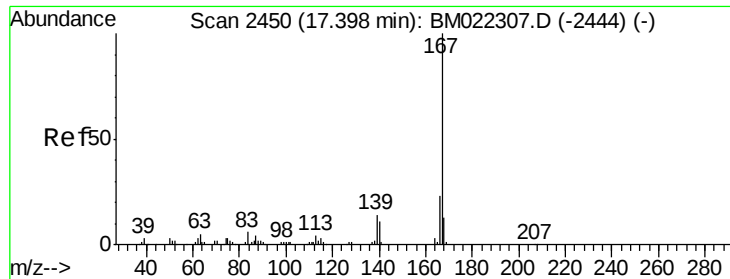
Lab File: BM022312.D

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Tgt Ion:	178	Resp:	46957
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.3	18.5
176	21.2	15.5	23.3

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: 4.549 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM022312.D

Acq: 25 Aug 2019 03:34

Instrument :

BNA_M

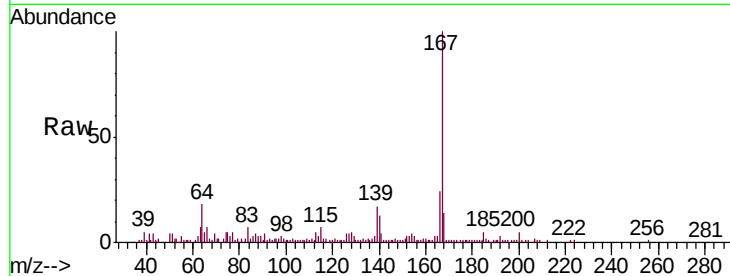
ClientSampleId :

C0AE4

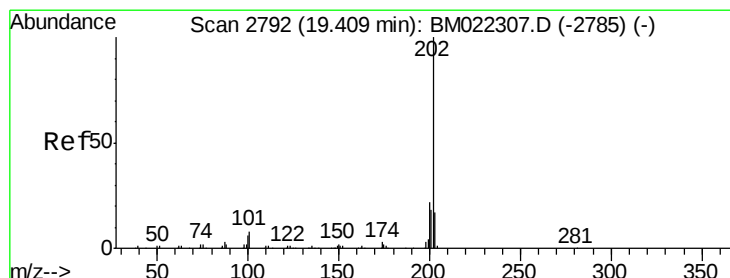
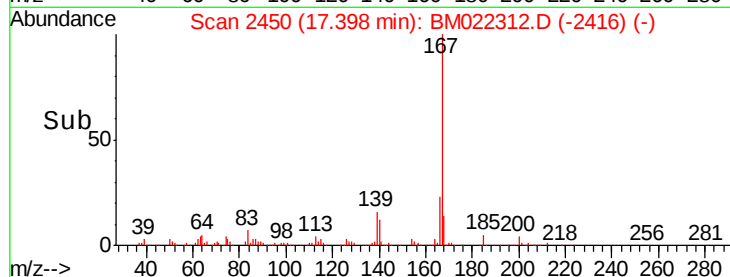
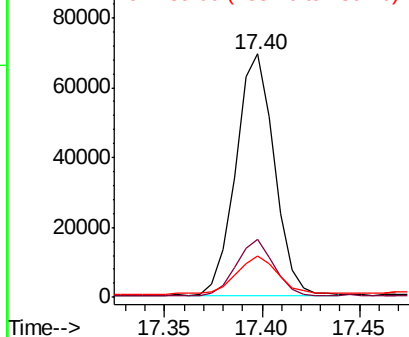
Tgt Ion:	167	Resp:	94915
Ion Ratio	Lower	Upper	
167	100		
166	23.8	17.8	26.8
139	17.2	11.8	17.8

Manual Integrations
APPROVED

mohammad
8/26/2019 8:31:24 AM



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



#79

Pyrene

Concen: 1.164 ng/ul

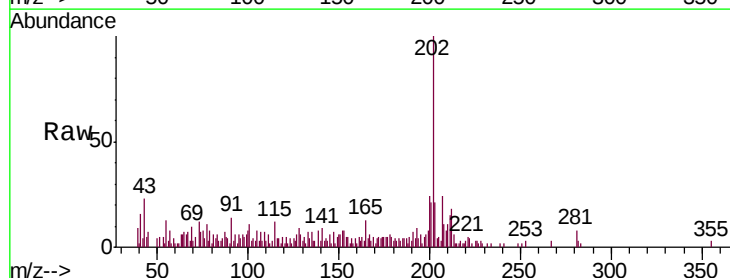
RT: 19.41 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM022312.D

Acq: 25 Aug 2019 03:34

Tgt Ion:	202	Resp:	25603
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.0	10.4#
100	8.2	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): E

