

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023307.D
 Acq On : 20 Oct 2019 03:37
 Operator : JU
 Sample : K5344-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 21 01:55:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	305065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1195020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	720373	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1491822	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1605226	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1909481	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	57225	8.26	ng/uL	0.00
5) Phenol-d5	6.82	99	220309	8.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	538060	35.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	626546	30.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	403457	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	360226	44.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	391258	50.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	756368	38.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	14805	0.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2457074	44.51	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2733213	42.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	79553	8.90	ng/ul	0.00
58) Fluorene-d10	15.29	176	2073530	44.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	313334	52.98	ng/ul	0.00
71) Anthracene-d10	17.14	188	3429009	47.67	ng/ul	0.00
79) Pyrene-d10	19.43	212	4014344	51.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	4843118	50.04	ng/ul	0.00

Target Compounds

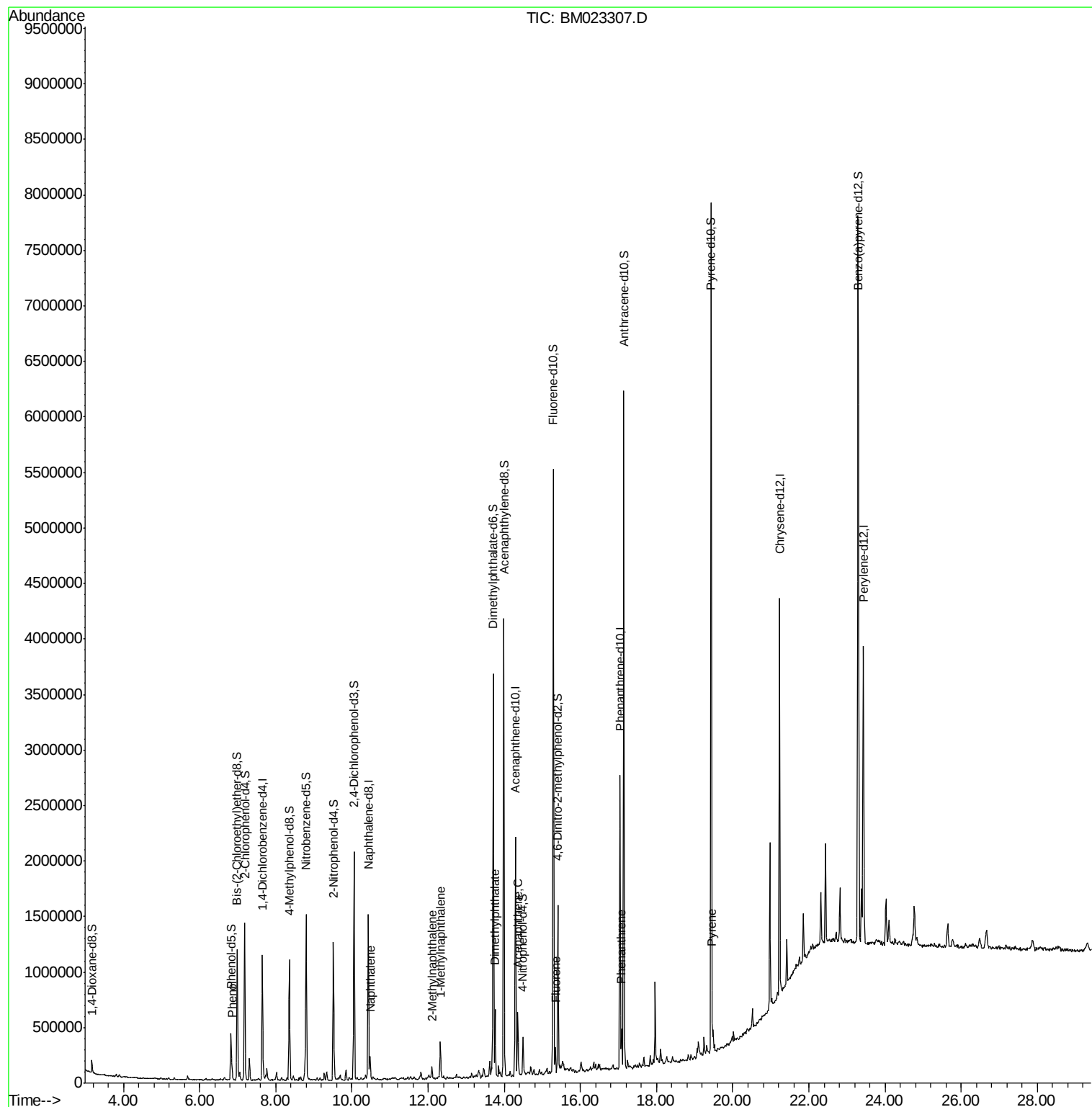
					Ovalue
6) Phenol	6.85	94	65439	2.388	ng/ul 97
28) Naphthalene	10.48	128	155284	2.514	ng/ul 98
34) 2-Methylnaphthalene	12.10	142	51756	1.126	ng/ul 99
35) 1-Methylnaphthalene	12.32	142	144375	3.246	ng/ul 99
45) Dimethylphthalate	13.76	163	381308	6.901	ng/ul 99
50) Acenaphthene	14.36	153	208728	4.528	ng/ul 98
59) Fluorene	15.35	166	87839	1.636	ng/ul 96
70) Phenanthrene	17.08	178	209987	2.508	ng/ul 99
80) Pvrene	19.46	202	107939	1.073	ng/ul 99

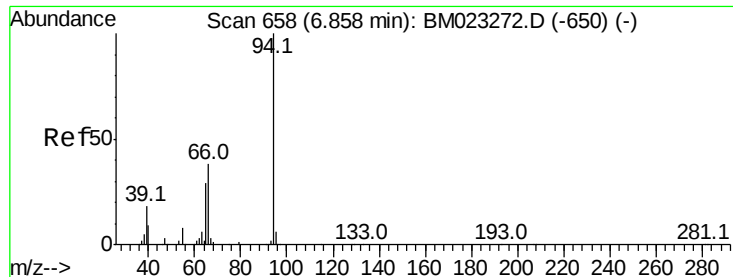
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.388 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM023307.D

Acq: 20 Oct 2019 03:37

Instrument :

BNA_M

ClientSampleId :

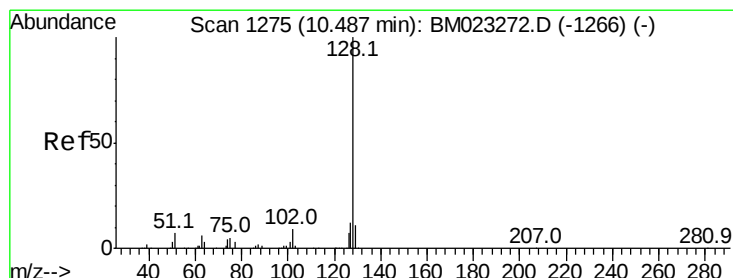
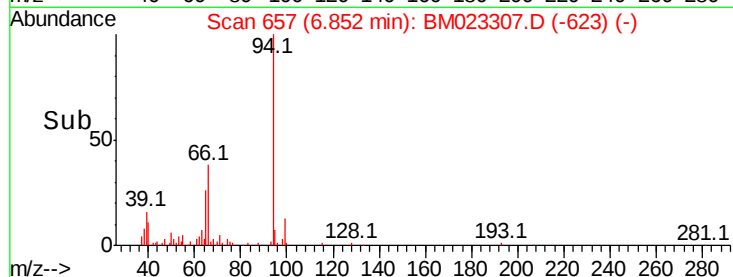
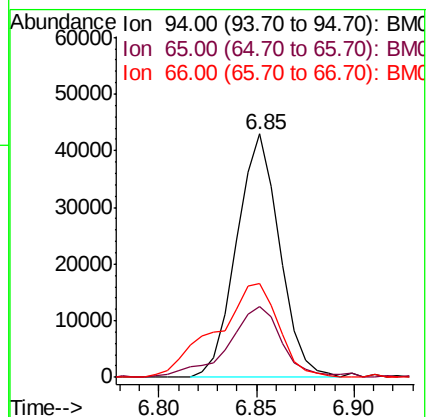
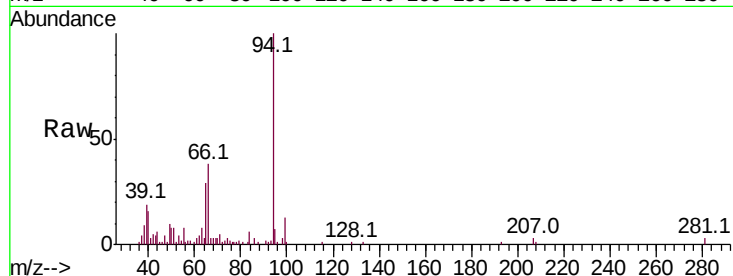
Tot Ion: 94 Resp: 65439

Ion Ratio Lower Upper

94 100

65 28.9 23.7 35.5

66 38.5 32.9 49.3



#28

Naphthalene

Concen: 2.514 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BM023307.D

Acq: 20 Oct 2019 03:37

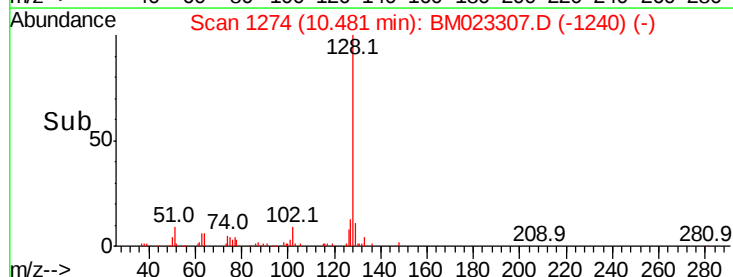
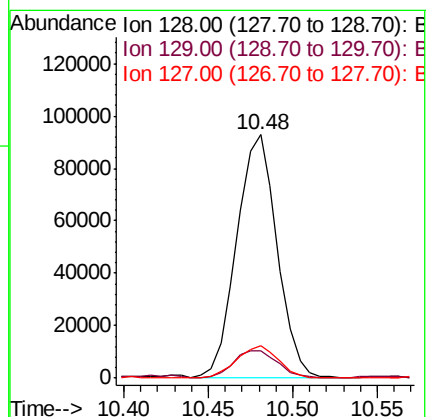
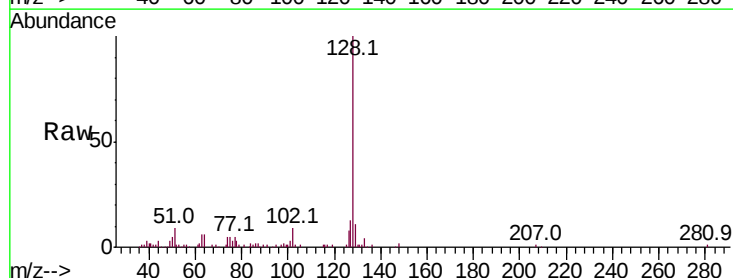
Tgt Ion: 128 Resp: 155284

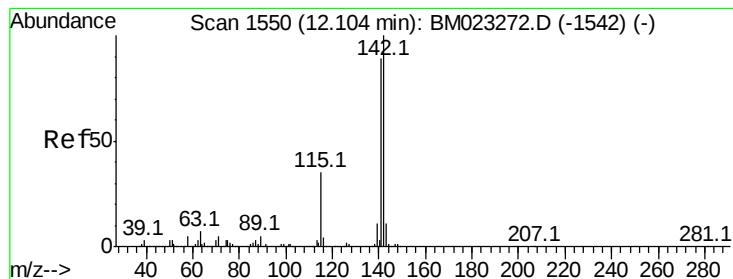
Ion Ratio Lower Upper

128 100

129 11.5 8.3 12.5

127 13.1 10.2 15.4





#34

2-Methylnaphthalene

Concen: 1.126 ng/ul

RT: 12.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM023307.D

Acq: 20 Oct 2019 03:37

Instrument :

BNA_M

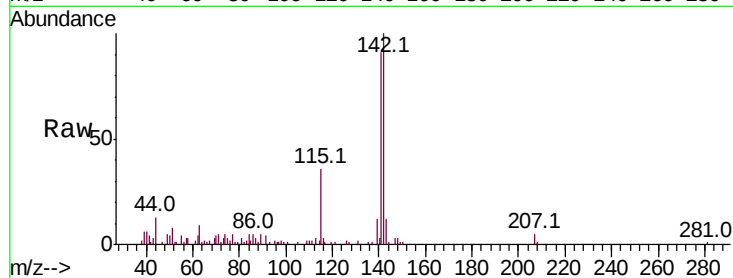
ClientSampleId :

Tot Ion:142 Resp: 51756

Ion Ratio Lower Upper

142 100

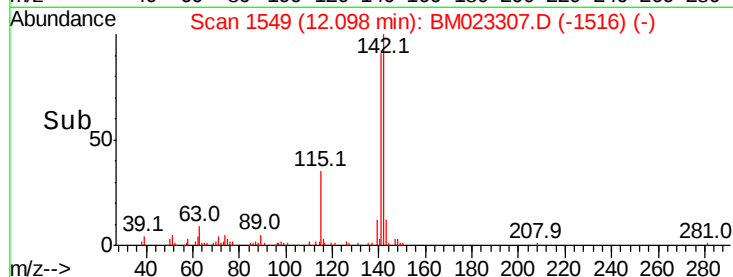
141 90.9 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.10



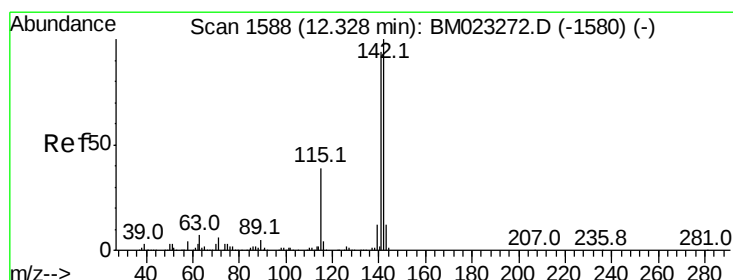
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.10

Time-->



#35

1-Methylnaphthalene

Concen: 3.246 ng/ul

RT: 12.32 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BM023307.D

Acq: 20 Oct 2019 03:37

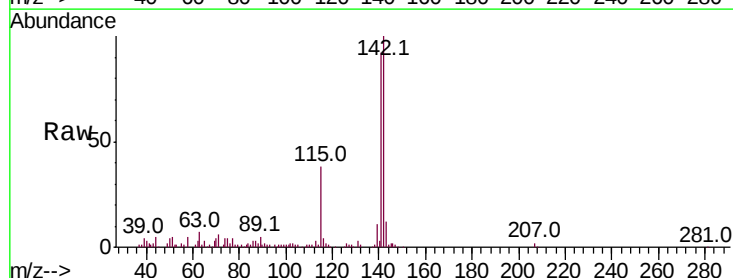
Tgt Ion:142 Resp: 144375

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.2

116 4.3 3.3 4.9

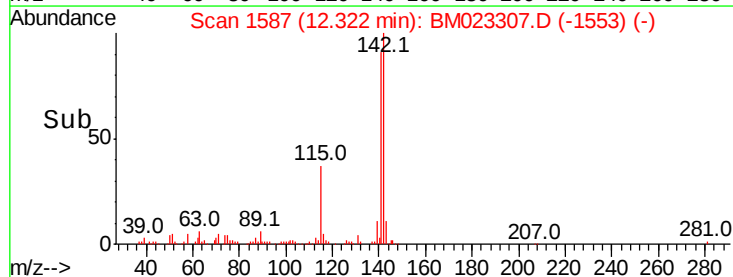


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.32



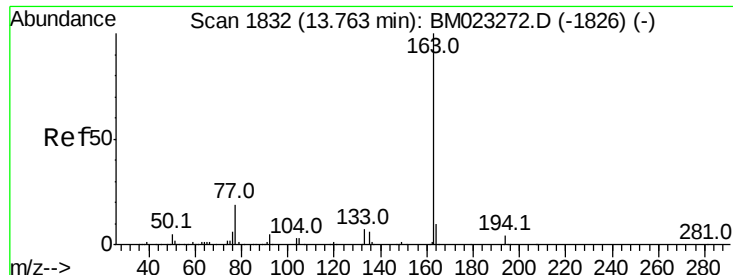
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

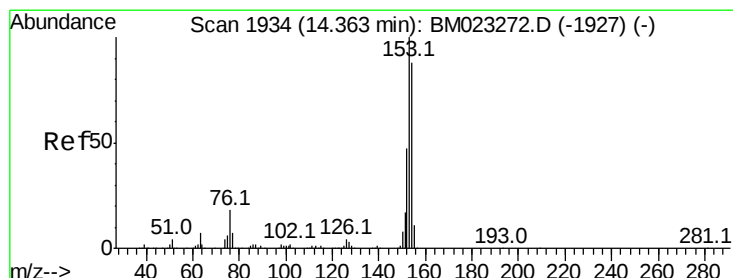
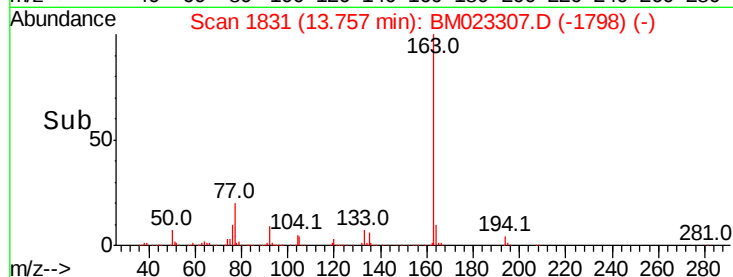
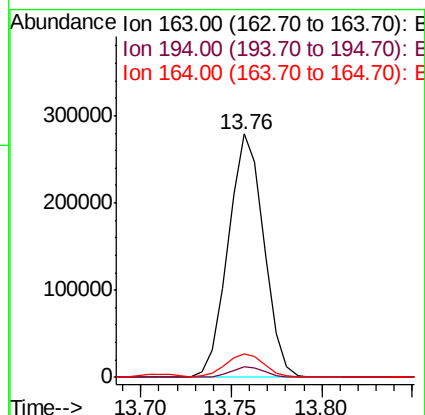
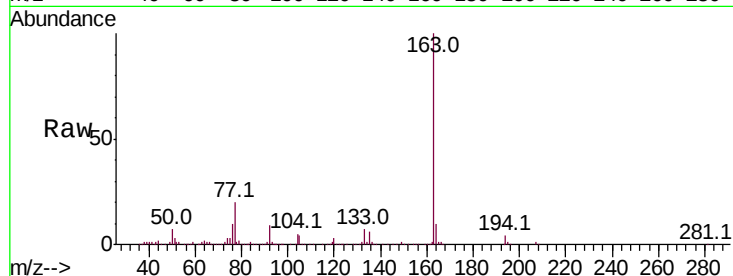
Time-->



#45
Dimethylphthalate
Concen: 6.901 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM023307.D
Acq: 20 Oct 2019 03:37

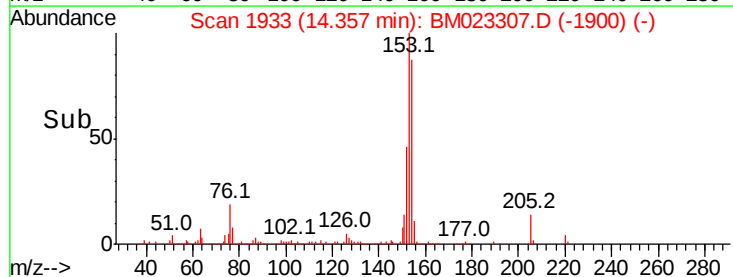
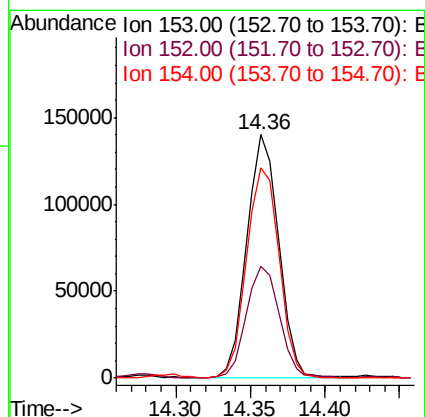
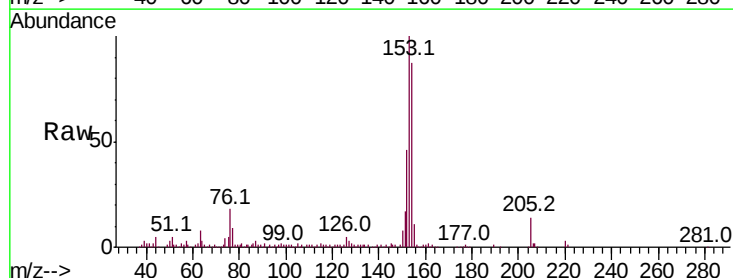
Instrument :
BNA_M
ClientSampleId :

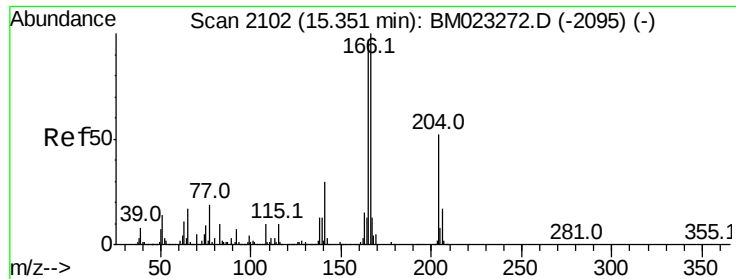
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.7	8.0	12.0



#50
Acenaphthene
Concen: 4.528 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM023307.D
Acq: 20 Oct 2019 03:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.2	38.0	57.0
154	86.5	70.4	105.6





#59

Fluorene

Concen: 1.636 ng/ul

RT: 15.35 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BM023307.D

Acq: 20 Oct 2019 03:37

Instrument :

BNA_M

ClientSampleId :

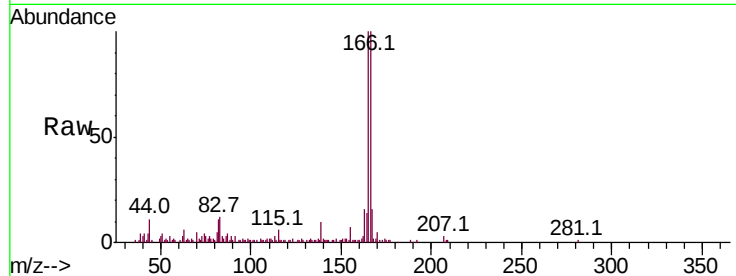
Tot Ion:166 Resp: 87839

Ion Ratio Lower Upper

166 100

165 100.0 77.4 116.0

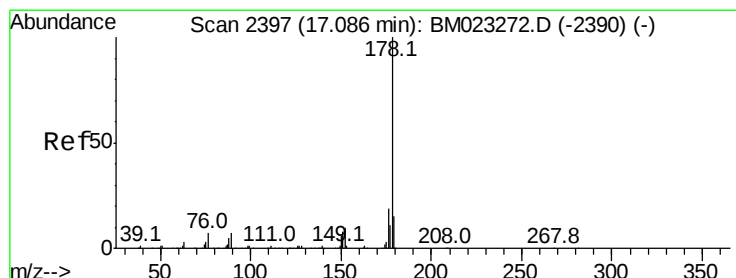
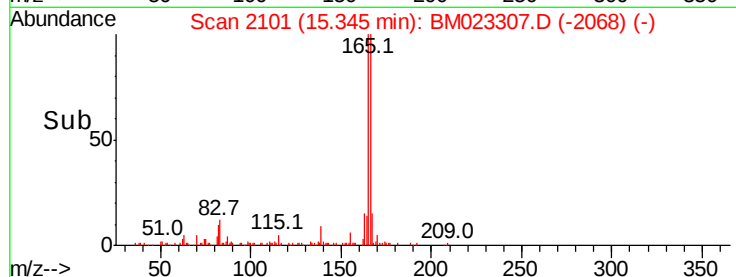
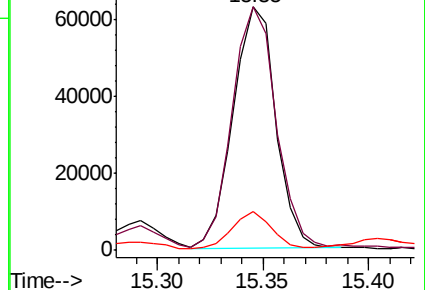
167 15.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 2.508 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM023307.D

Acq: 20 Oct 2019 03:37

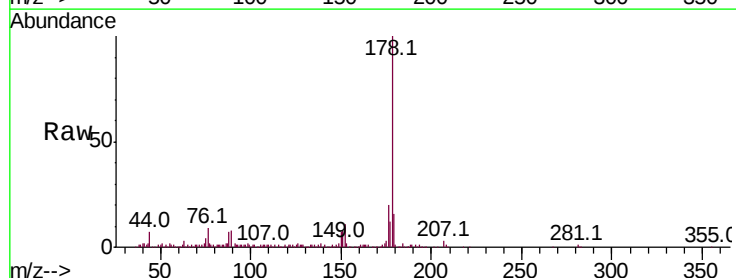
Tgt Ion:178 Resp: 209987

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

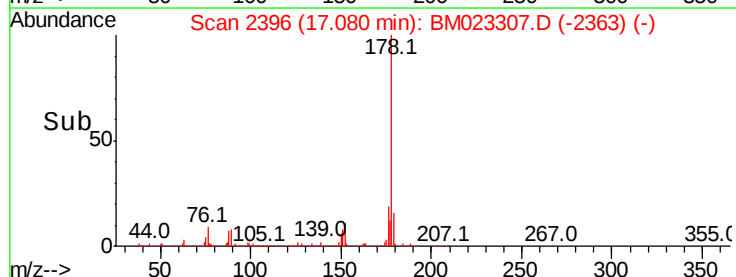
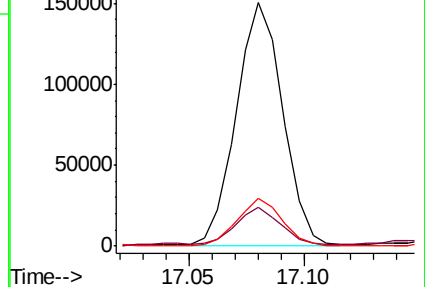
176 19.5 15.5 23.3

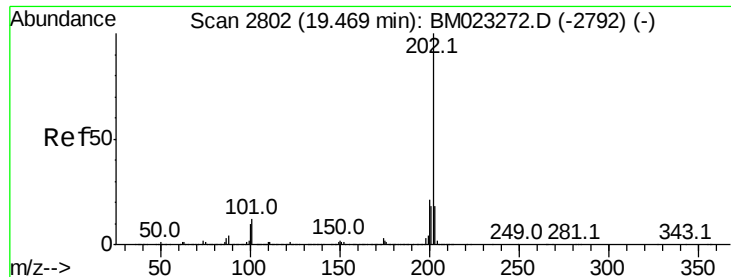


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

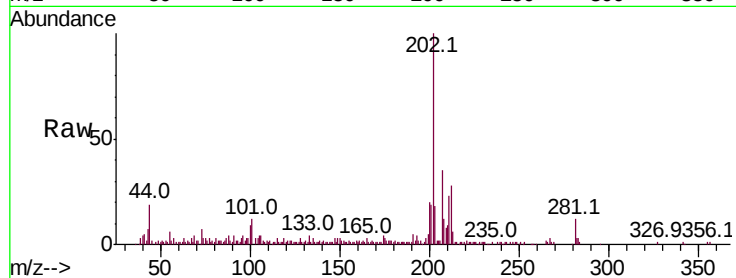




#80
 Pvrene
 Concen: 1.073 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.01 min
 Lab File: BM023307.D
 Acq: 20 Oct 2019 03:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	9.5	7.5	11.3



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

