

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023305.D
 Acq On : 20 Oct 2019 02:26
 Operator : JU
 Sample : K5344-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:09:35 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	447100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1755545	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1076861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2200540	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2334915	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2834370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	46963	4.62	ng/uL	0.00
5) Phenol-d5	6.82	99	155827	4.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	399939	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	471787	15.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	294580	9.42	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	266123	22.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	278062	24.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	560772	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	8788	0.25	ng/ul	-0.01
44) Dimethylphthalate-d6	13.71	166	1859159	22.53	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2099544	21.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	64772	4.85	ng/ul	0.00
58) Fluorene-d10	15.29	176	1641368	23.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	248048	28.43	ng/ul	0.00
71) Anthracene-d10	17.14	188	2627086	24.76	ng/ul	0.00
79) Pyrene-d10	19.43	212	2964311	26.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3639913	25.33	ng/ul	0.00

Target Compounds

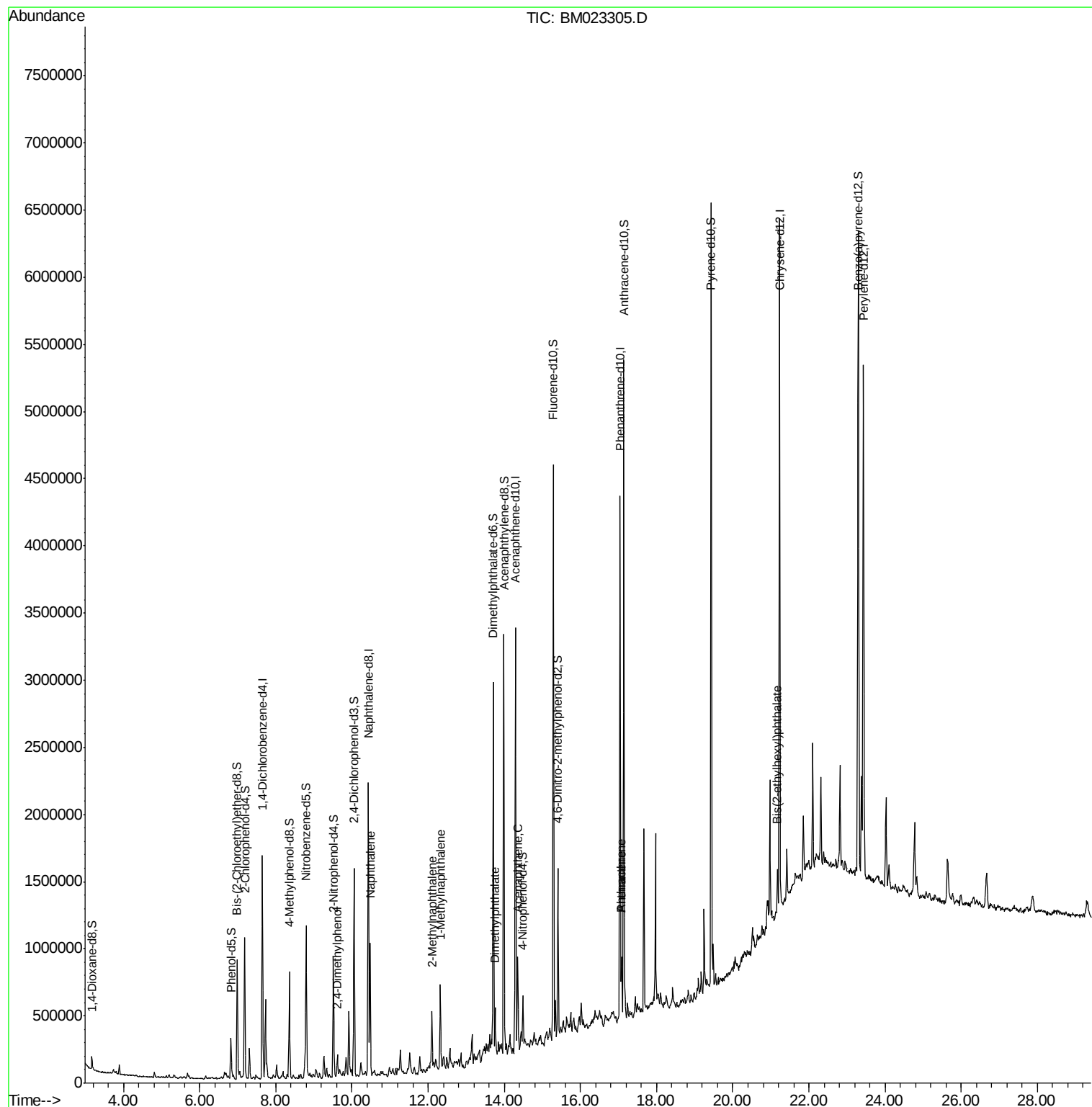
					Ovalue
24) 2,4-Dimethylphenol	9.62	107	60110	1.737	ng/ul 98
28) Naphthalene	10.48	128	792181	8.730	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	203490	3.014	ng/ul 96
35) 1-Methylnaphthalene	12.32	142	267077	4.087	ng/ul 98
45) Dimethylphthalate	13.76	163	244049	2.955	ng/ul 99
50) Acenaphthene	14.36	153	210309	3.052	ng/ul 98
70) Phenanthrene	17.08	178	229708	1.860	ng/ul 99
72) Anthracene	17.08	178	231204	1.812	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.17	149	101384	1.253	ng/ul 99

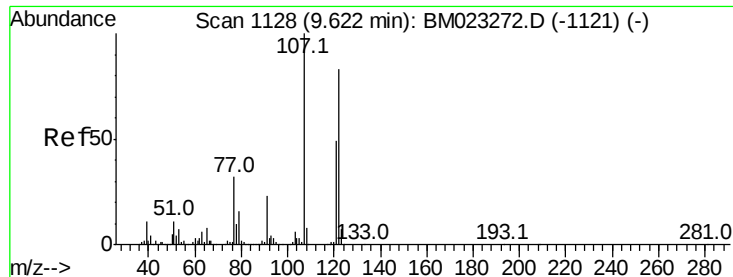
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 1.737 ng/ul

RT: 9.62 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BM023305.D

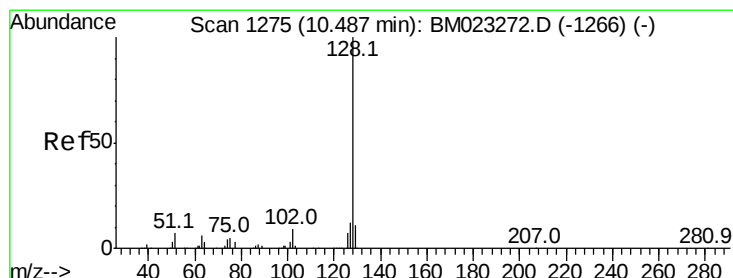
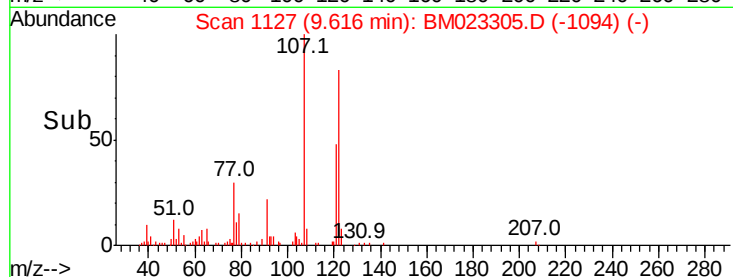
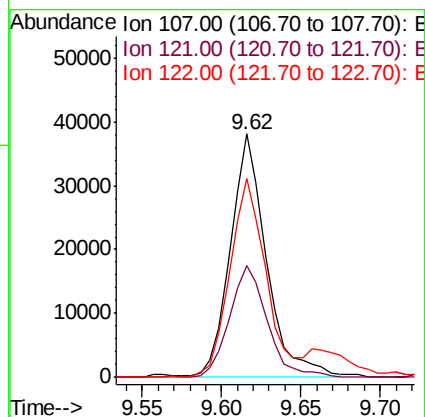
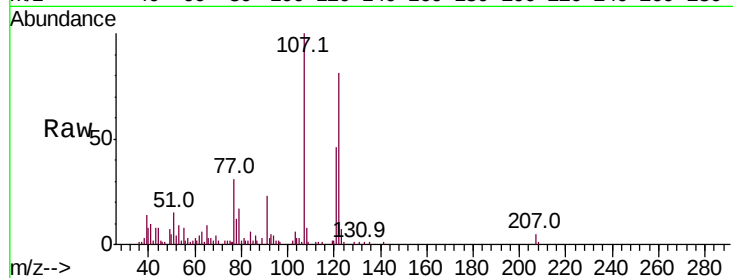
Acq: 20 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	60110
Ion	Ratio	Lower	Upper
107	100		
121	46.0	39.0	58.4
122	81.4	64.7	97.1



#28

Naphthalene

Concen: 8.730 ng/ul

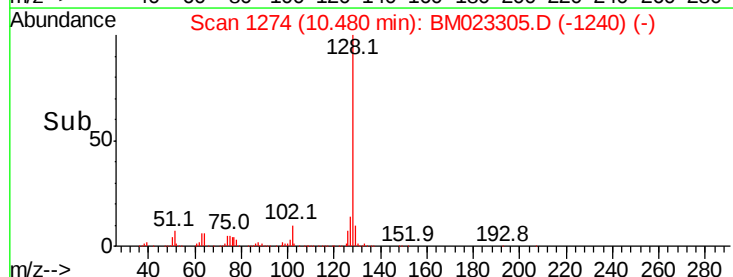
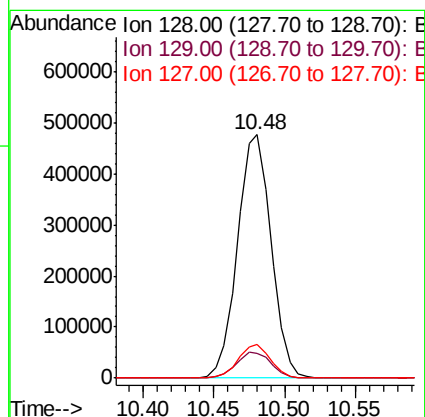
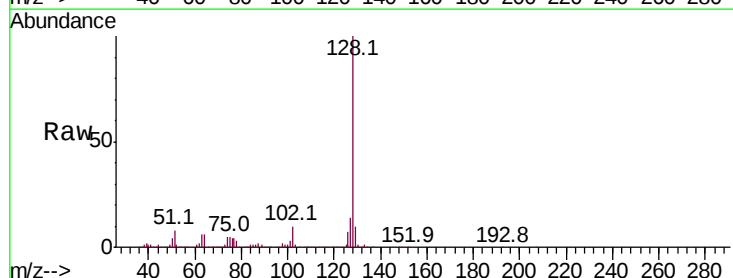
RT: 10.48 min Scan# 1274

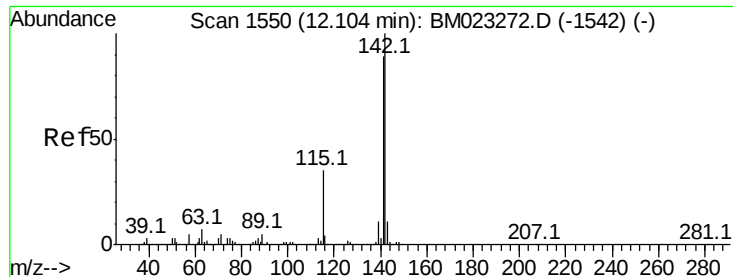
Delta R.T. -0.00 min

Lab File: BM023305.D

Acq: 20 Oct 2019 02:26

Tgt Ion:	128	Resp:	792181
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	13.7	10.2	15.4

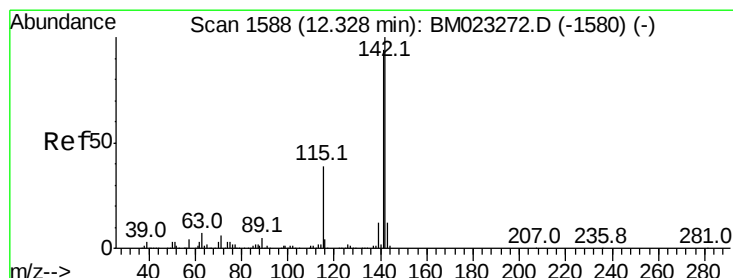
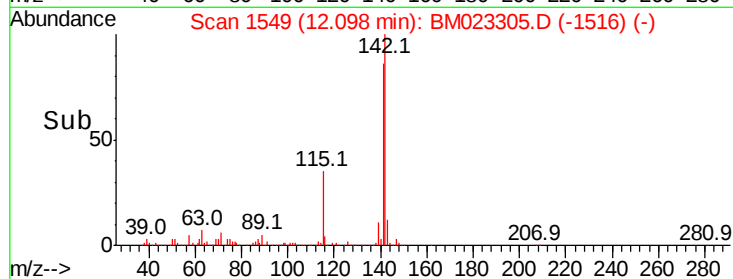
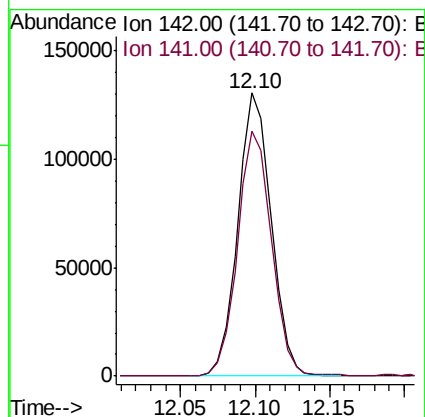
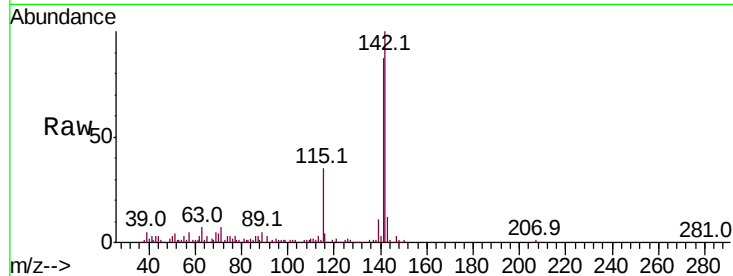




#34
 2-Methylnaphthalene
 Concen: 3.014 ng/ul
 RT: 12.10 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BM023305.D
 Acq: 20 Oct 2019 02:26

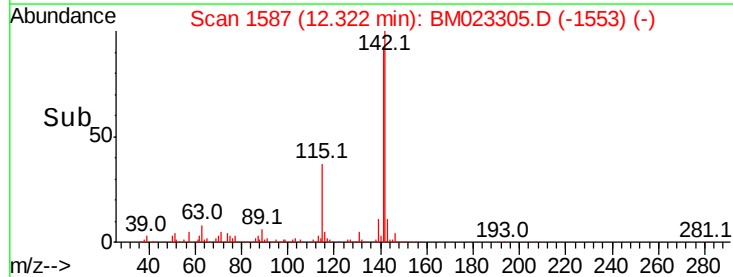
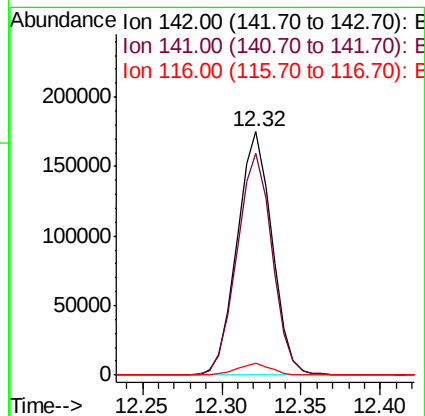
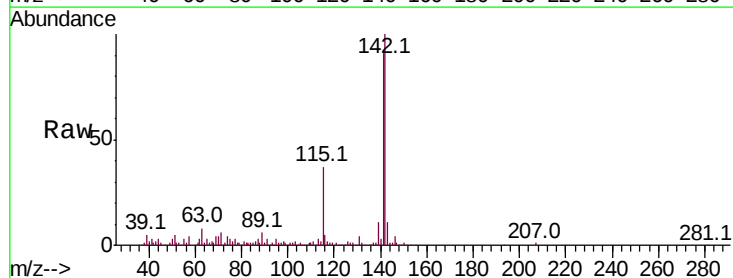
Instrument :
 BNA_M
 ClientSampled :

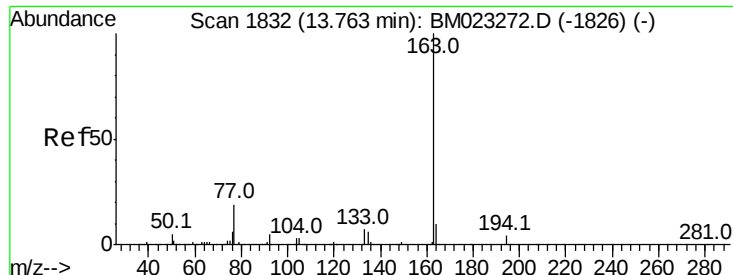
Tot Ion:142 Resp: 203490
 Ion Ratio Lower Upper
 142 100
 141 86.7 72.1 108.1



#35
 1-Methylnaphthalene
 Concen: 4.087 ng/ul
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BM023305.D
 Acq: 20 Oct 2019 02:26

Tgt Ion:142 Resp: 267077
 Ion Ratio Lower Upper
 142 100
 141 91.1 74.2 111.2
 116 4.7 3.3 4.9





#45

Dimethylphthalate

Concen: 2.955 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM023305.D

Acq: 20 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

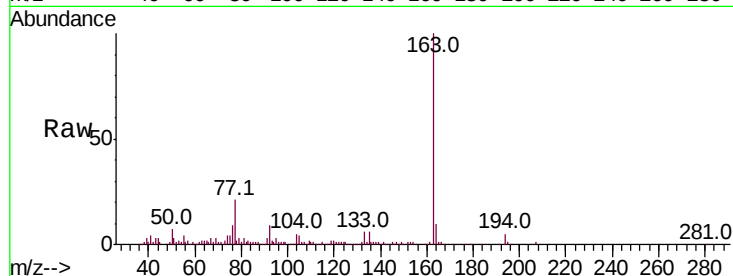
Tot Ion:163 Resp: 244049

Ion Ratio Lower Upper

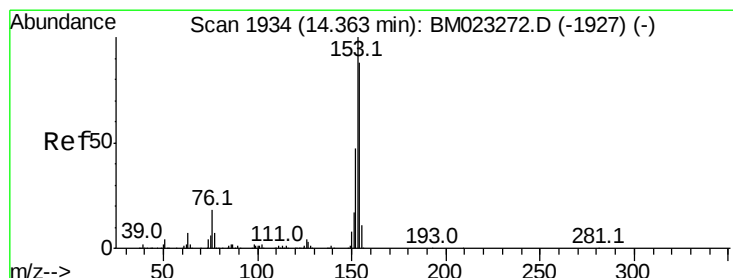
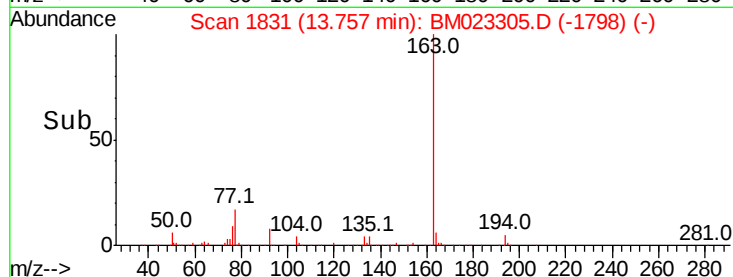
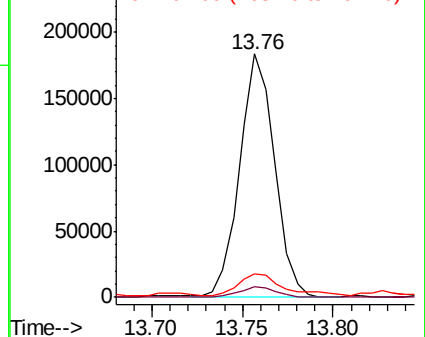
163 100

194 4.6 3.5 5.3

164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 3.052 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM023305.D

Acq: 20 Oct 2019 02:26

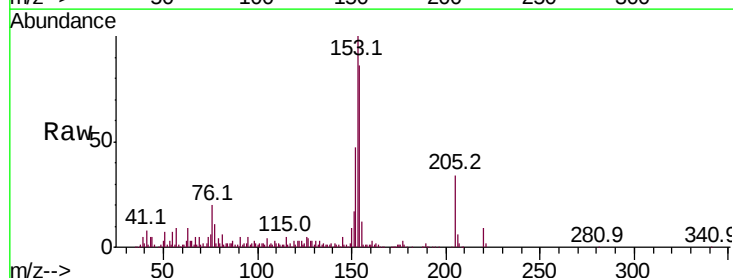
Tgt Ion:153 Resp: 210309

Ion Ratio Lower Upper

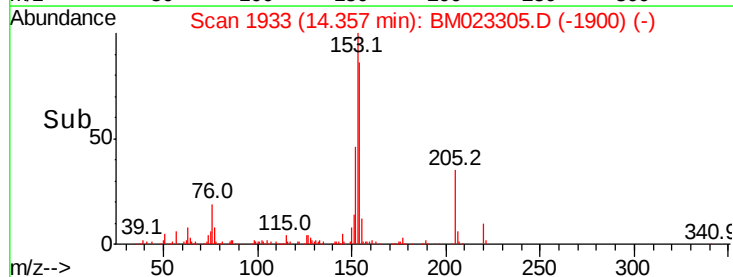
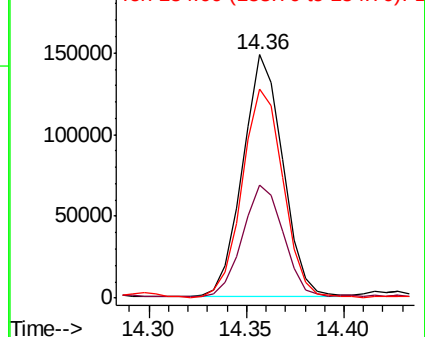
153 100

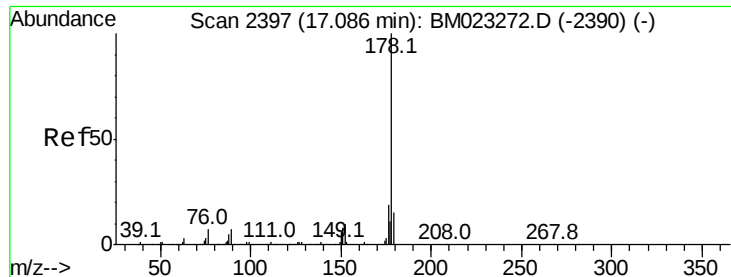
152 46.7 38.0 57.0

154 85.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 1.860 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM023305.D

Acq: 20 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

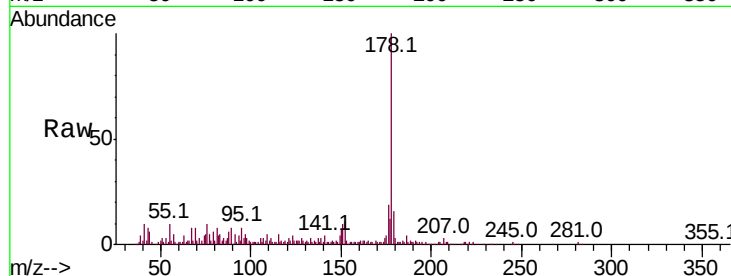
Tot Ion:178 Resp: 229708

Ion Ratio Lower Upper

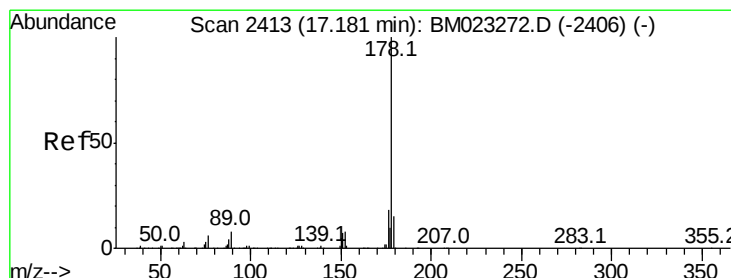
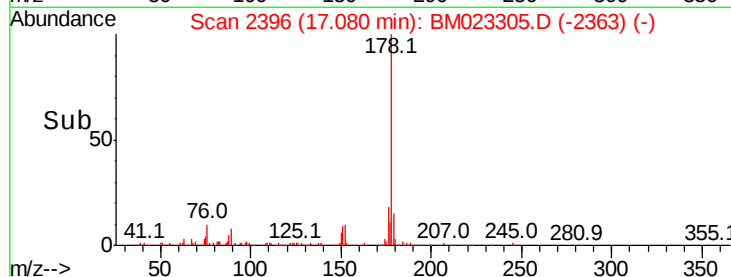
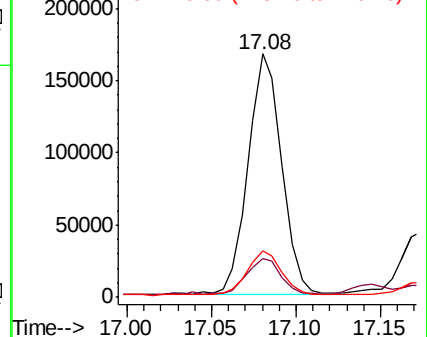
178 100

179 15.9 12.3 18.5

176 19.1 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



#72

Anthracene

Concen: 1.812 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.09 min

Lab File: BM023305.D

Acq: 20 Oct 2019 02:26

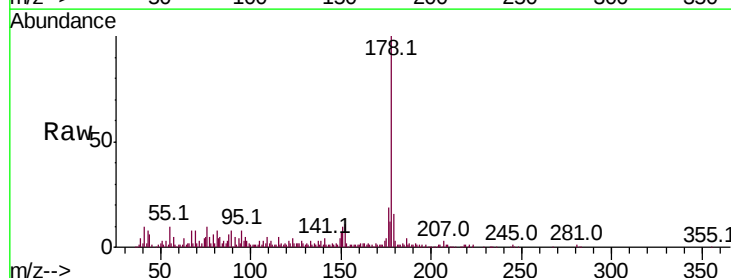
Tgt Ion:178 Resp: 231204

Ion Ratio Lower Upper

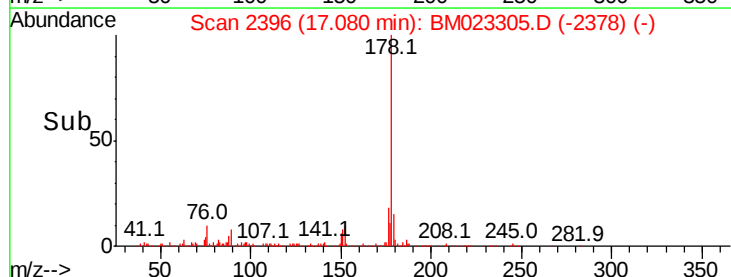
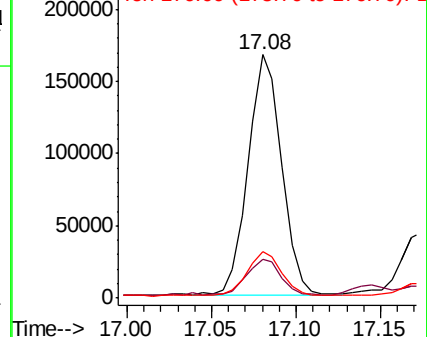
178 100

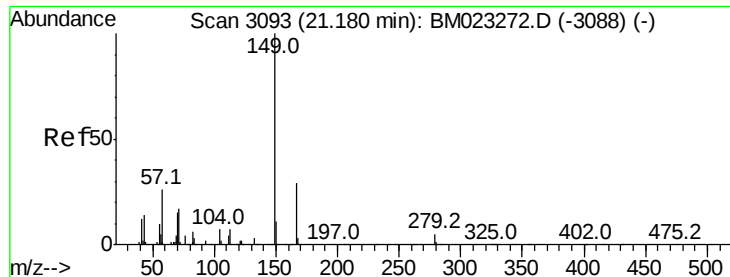
179 15.9 12.3 18.5

176 19.1 15.0 22.4



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.253 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM023305.D

Acq: 20 Oct 2019 02:26

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BNA_M

ClientSampleId :

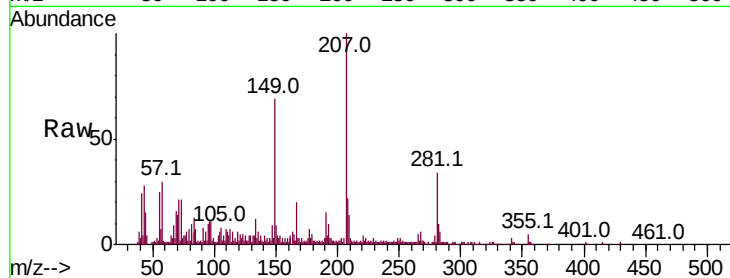
Tot Ion:149 Resp: 101384

Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

