

Data File : BM026206.D
Acq On : 01 Jun 2020 20:40
Operator : JU/CG
Sample : L2829-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CC8

Manual Integrations
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Quant Time: Jun 02 10:48:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 16:59:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	154204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	619860	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	384240	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	805176	20.00	ng/ul	0.01
78) Chrysene-d12	21.07	240	803609	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	846148	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	23245	4.55	ng/uL	0.00
5) Phenol-d5	6.67	99	112839	8.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	303243	31.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	284683	26.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	201229	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	179798	35.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	196136	39.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	319372	31.82	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.54	166	1104581	35.85	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1322933	36.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	53754	9.85	ng/ul	0.00
58) Fluorene-d10	15.12	176	945284	35.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	233107	49.65	ng/ul	0.00
71) Anthracene-d10	16.98	188	1484131	37.40	ng/ul	0.01
79) Pyrene-d10	19.27	212	1576900	38.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1453138	32.26	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.29	128	9300229	245.392	ng/ul	100
34) 2-Methylnaphthalene	11.91	142	1610369	63.173	ng/ul	98
40) 2,4,5-Trichlorophenol	12.61	196	33048	3.738	ng/ul	95
41) 1,1'-Biphenyl	12.95	154	149531	4.386	ng/ul	97
45) Dimethylphthalate	13.59	163	165983	5.131	ng/ul	99
50) Acenaphthene	14.18	153	118465	4.191	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	1746357	234.869	ng/ul	96
59) Fluorene	15.17	166	132932	4.137	ng/ul#	96
69) Pentachlorophenol	16.60	266	21503733	3703.519	ng/ul	98
70) Phenanthrene	16.92	178	276870	5.459	ng/ul	97
72) Anthracene	17.01	178	54774m	1.076	ng/ul	
80) Pyrene	19.30	202	59704	1.058	ng/ul#	96

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

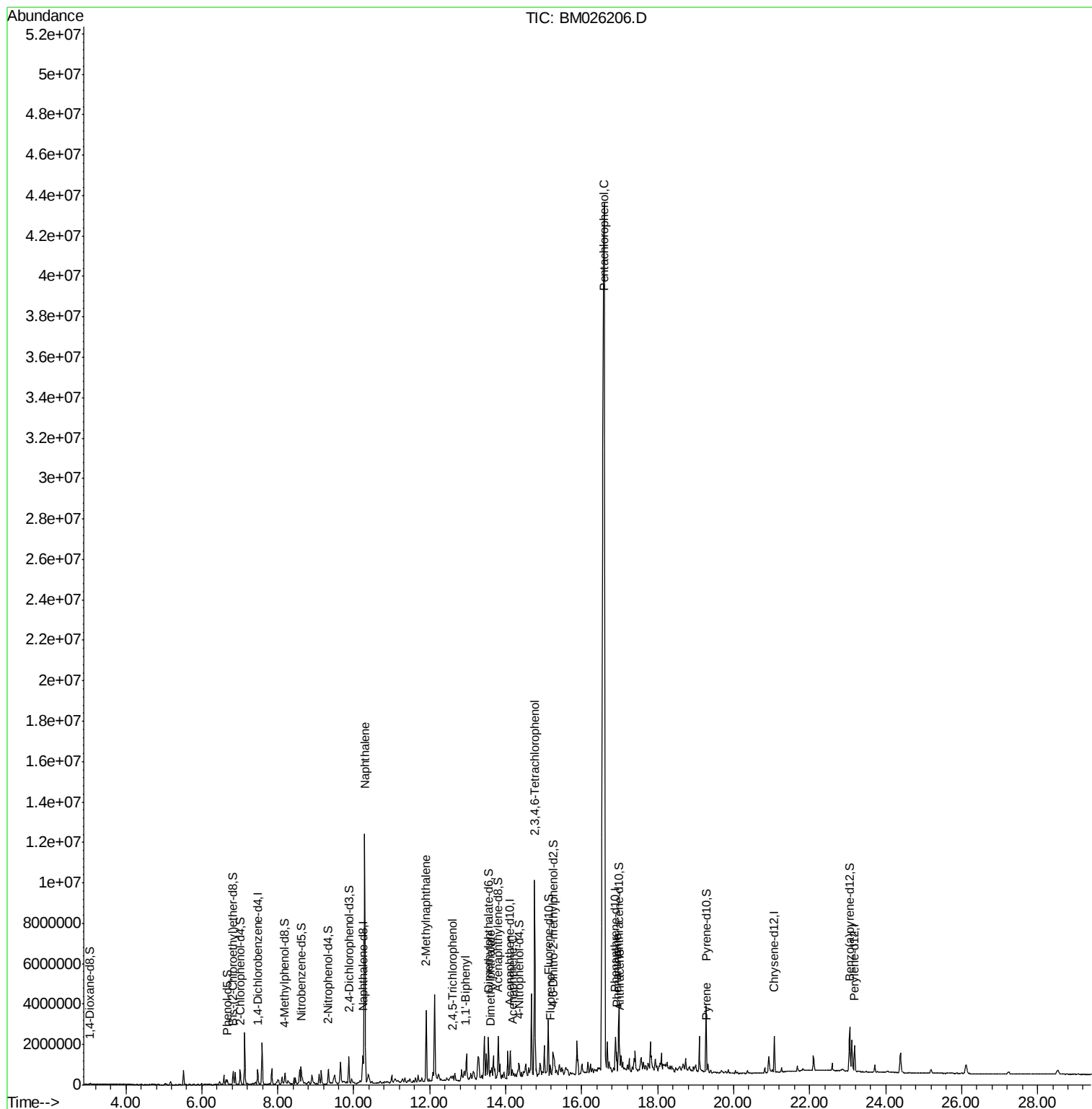
Data File : BM026206.D
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Operator : JU/CG
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ALS Vial : 11 Sample Multiplier: 1

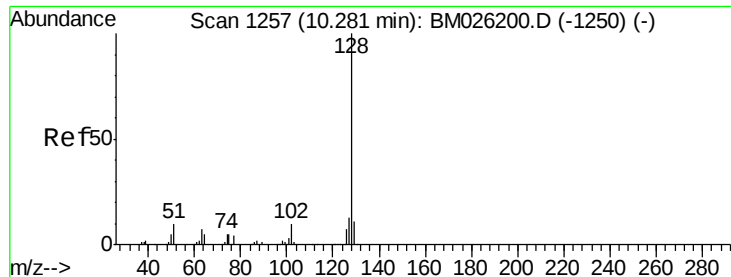
Instrument :
BNA_M
ClientSampleId :
C5CC8

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Quant Time: Jun 02 10:48:57 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 16:59:35 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 245.392 ng/ul

RT: 10.29 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BM026206.D

Acq: 01 Jun 2020 20:40

Instrument :

BNA_M

ClientSampleId :

C5CC8

Tgt Ion:128 Resp: 9300229

Ion Ratio Lower Upper

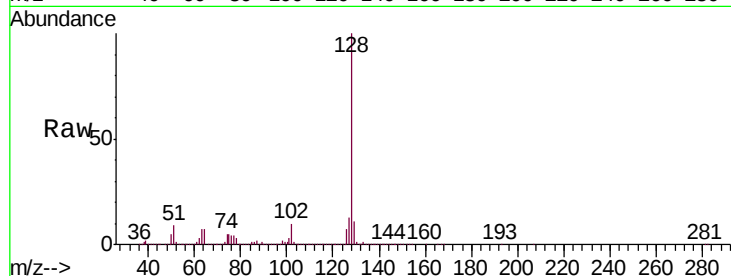
128 100

129 11.2 9.0 13.4

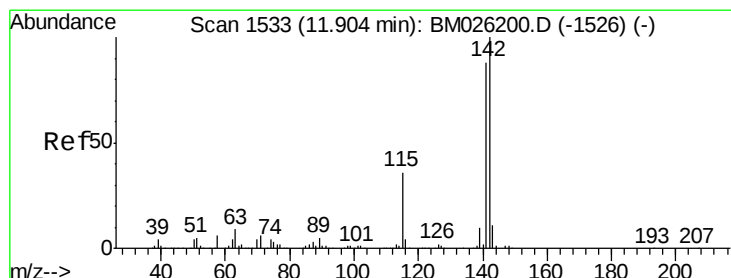
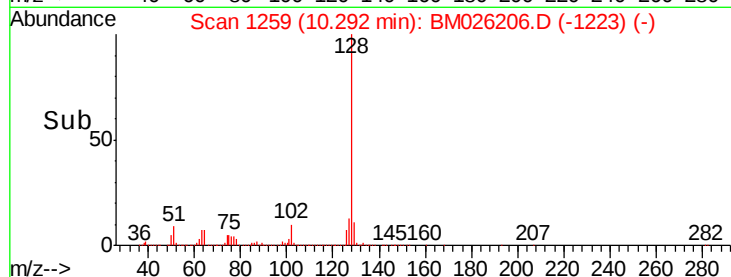
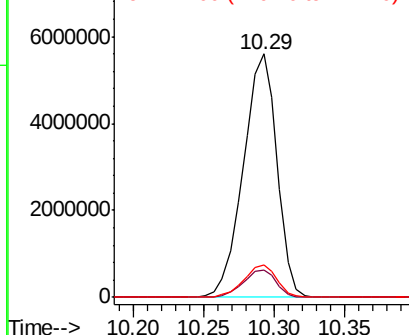
127 13.5 10.6 15.8

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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: 63.173 ng/ul

RT: 11.91 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BM026206.D

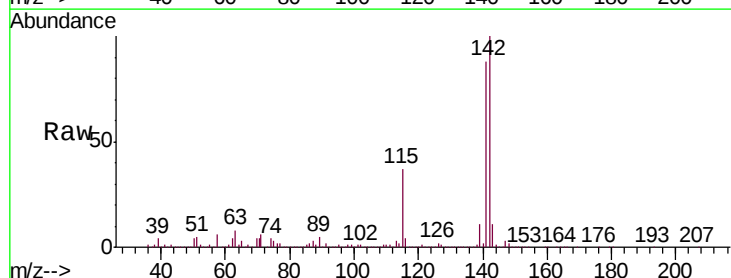
Acq: 01 Jun 2020 20:40

Tgt Ion:142 Resp: 1610369

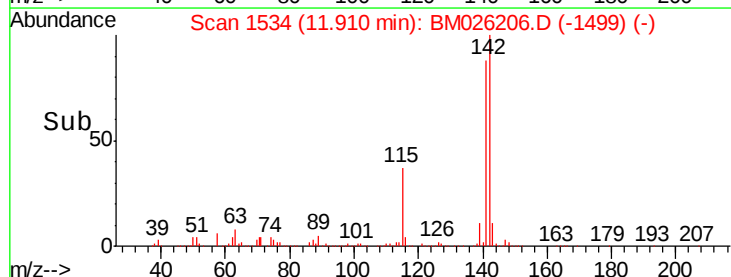
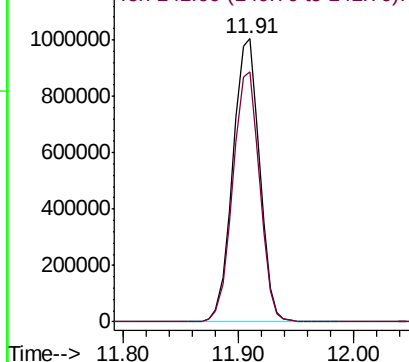
Ion Ratio Lower Upper

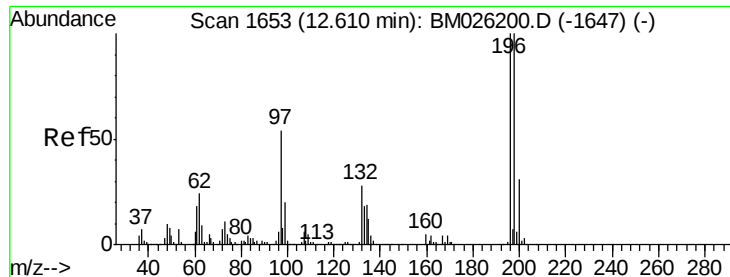
142 100

141 88.1 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





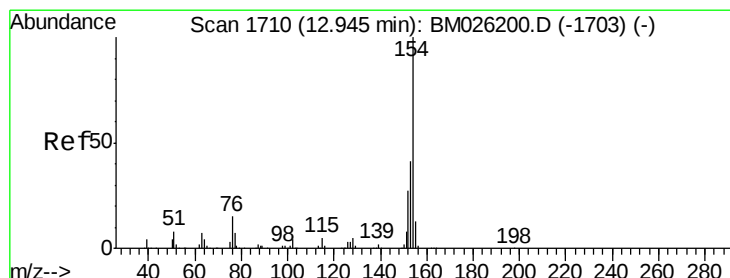
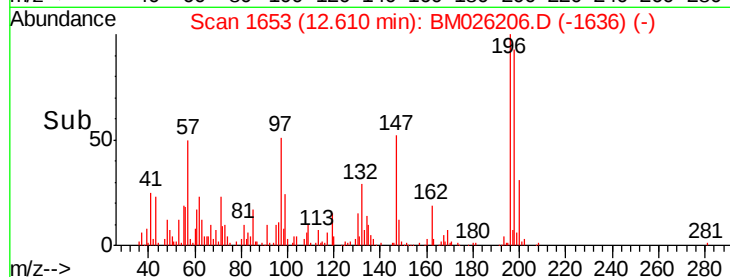
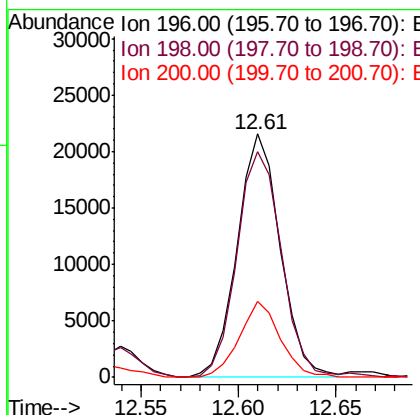
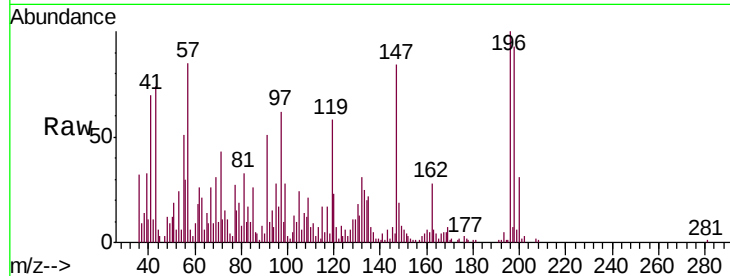
#40
 2,4,5-Trichlorophenol
 Concen: 3.738 ng/ul
 RT: 12.61 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM026206.D
 Acq: 01 Jun 2020 20:40

Instrument :
 BNA_M
 ClientSampled :
 C5CC8

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	79.0	118.6
200	31.0	25.0	37.4

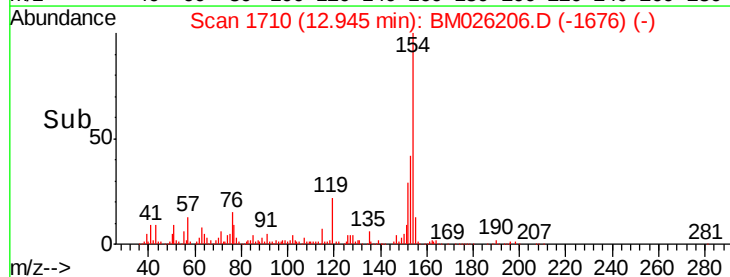
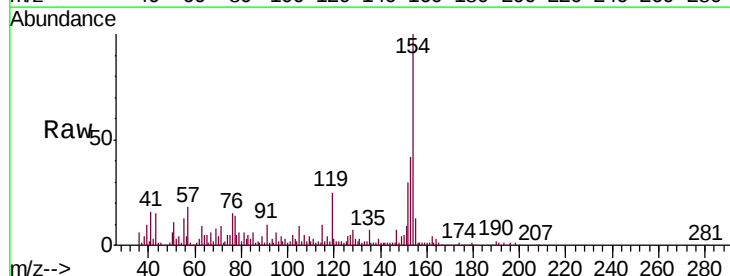
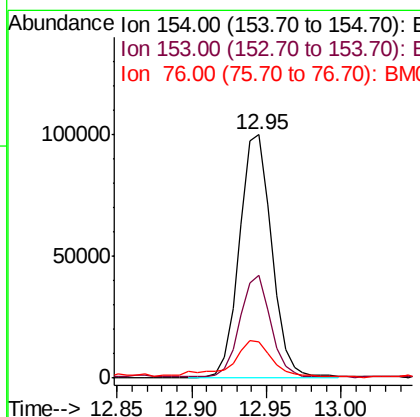
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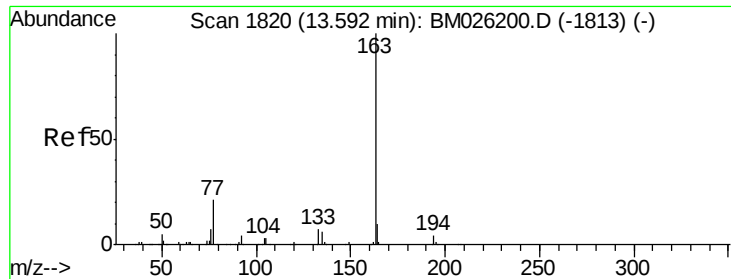
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#41
 1,1'-Biphenyl
 Concen: 4.386 ng/ul
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BM026206.D
 Acq: 01 Jun 2020 20:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	32.3	48.5
76	15.0	13.0	19.6





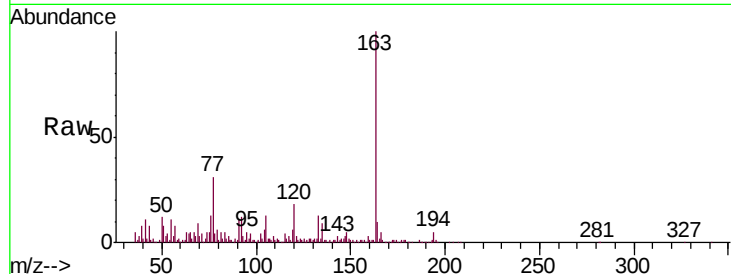
#45
Dimethylphthalate
Concen: 5.131 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM026206.D
Acq: 01 Jun 2020 20:40

Instrument :
BNA_M
ClientSampleId :
C5CC8

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	3.2	4.8
164	10.5	8.0	12.0

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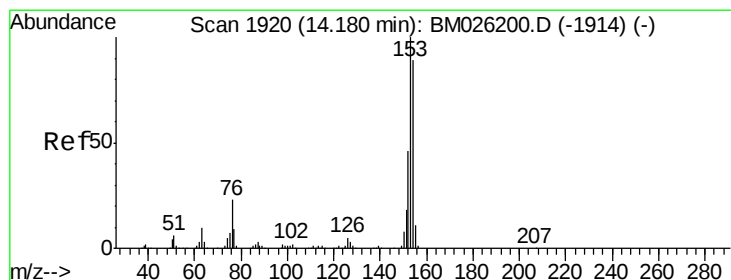
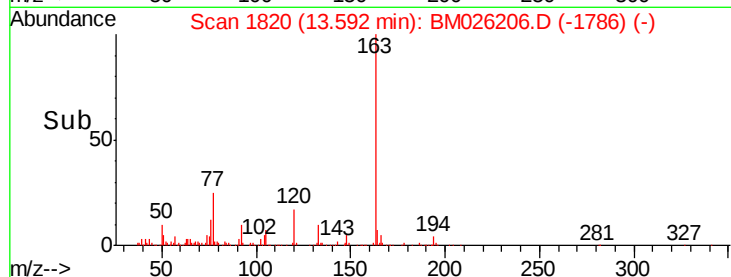
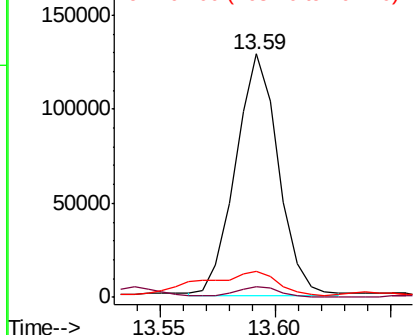


Abundance

Ion 163.00 (162.70 to 163.70): E

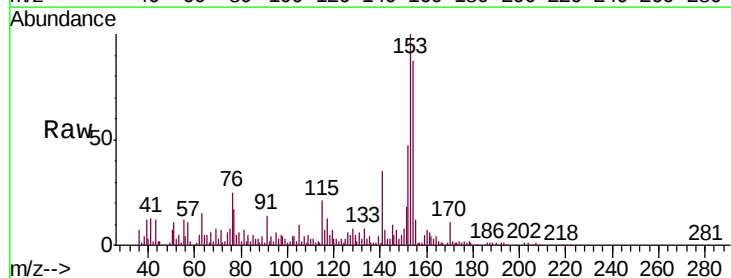
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 4.191 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM026206.D
Acq: 01 Jun 2020 20:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
153	100		
152	47.0	37.2	55.8
154	86.9	69.8	104.8

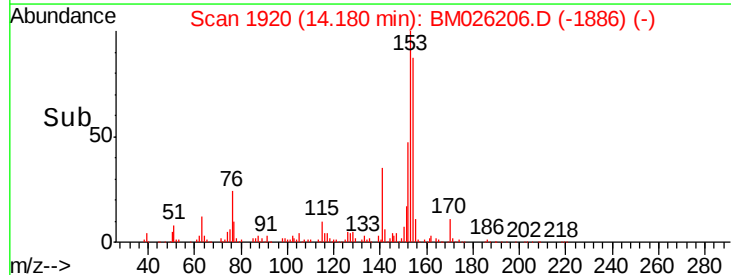
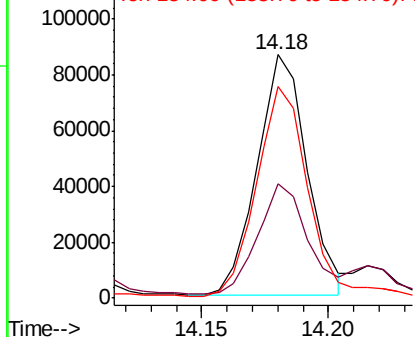


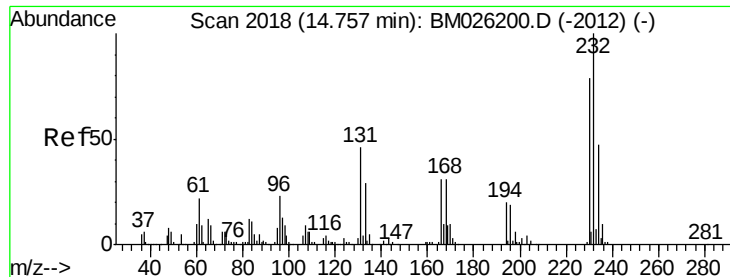
Abundance

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





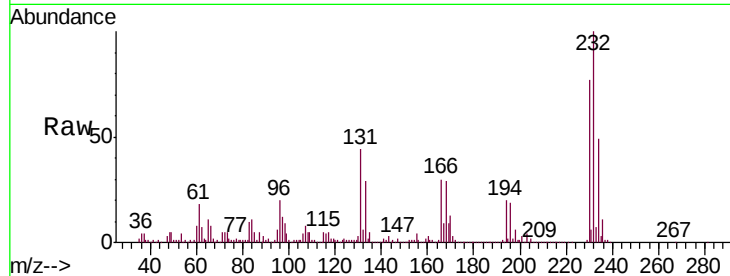
#56
2,3,4,6-Tetrachlorophenol
Concen: 234.869 ng/ul
RT: 14.77 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BM026206.D
Acq: 01 Jun 2020 20:40

Instrument :
BNA_M
ClientSampled :
C5CC8

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	37.0	55.4
130	2.6	1.8	2.8
166	29.7	25.4	38.0

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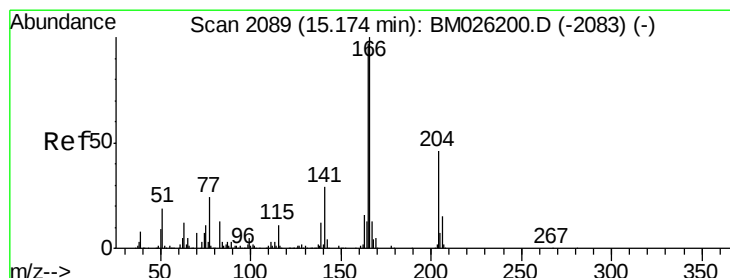
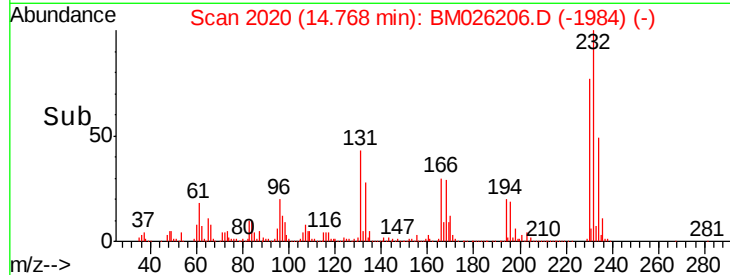
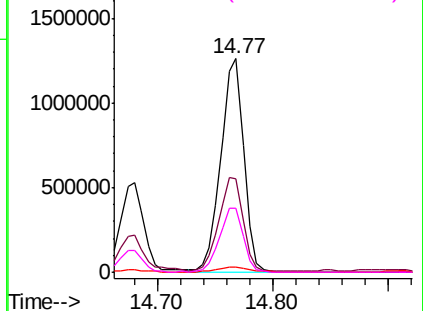
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

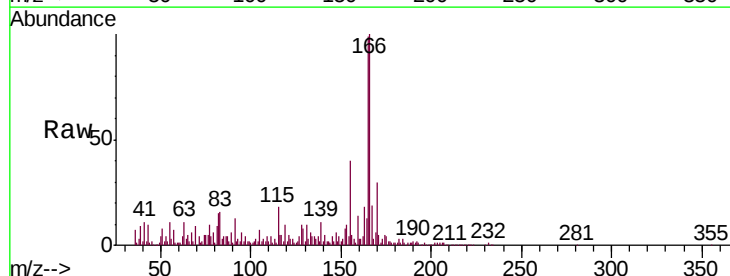
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Fluorene
Concen: 4.137 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM026206.D
Acq: 01 Jun 2020 20:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.3	115.9
167	19.4	10.6	16.0

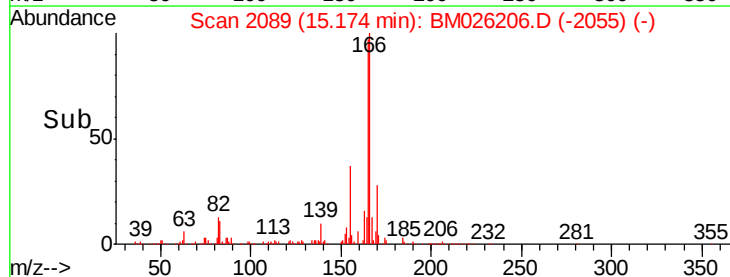
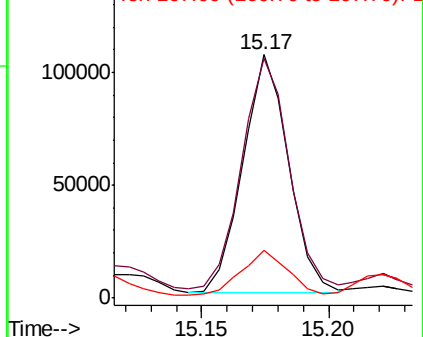


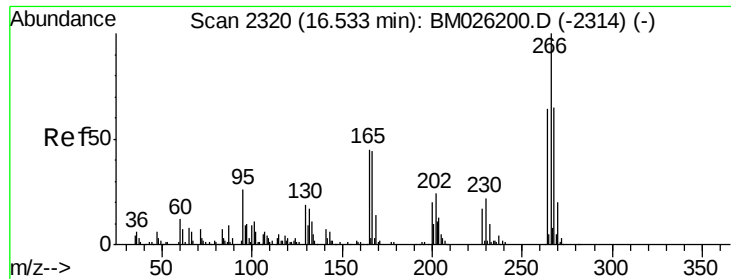
Abundance

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





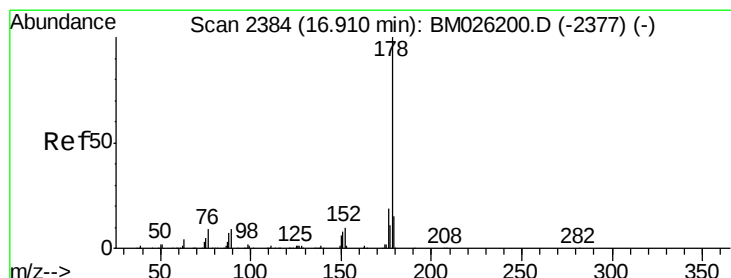
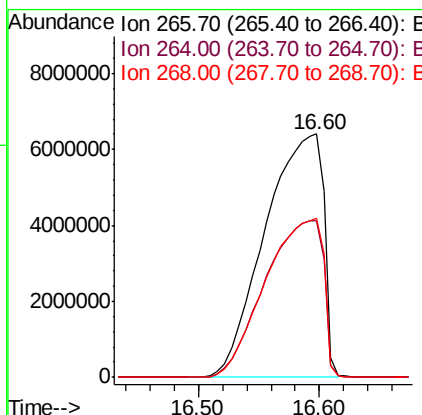
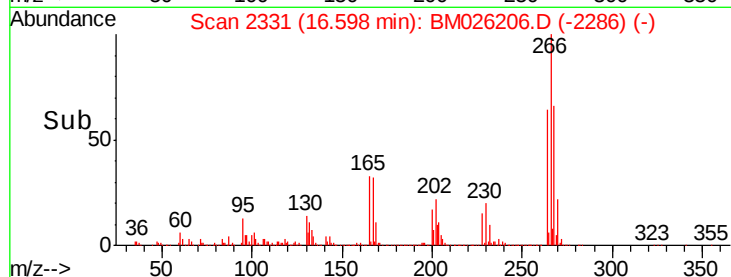
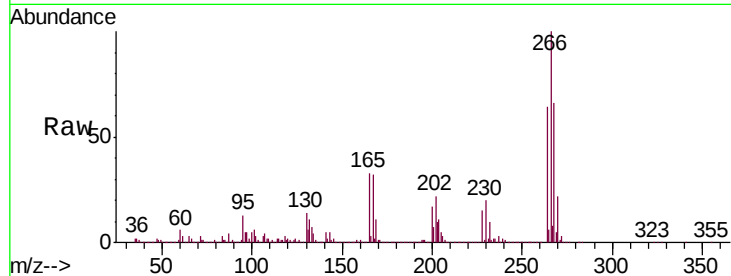
#69
 Pentachlorophenol
 Concen: 3703.519 ng/ul
 RT: 16.60 min Scan# 2331
 Delta R.T. 0.06 min
 Lab File: BM026206.D
 Acq: 01 Jun 2020 20:40

Instrument :
 BNA_M
 ClientSampleId :
 C5CC8

Tgt Ion:266 Resp:21503733
 Ion Ratio Lower Upper
 266 100
 264 64.5 49.3 73.9
 268 65.5 52.4 78.6

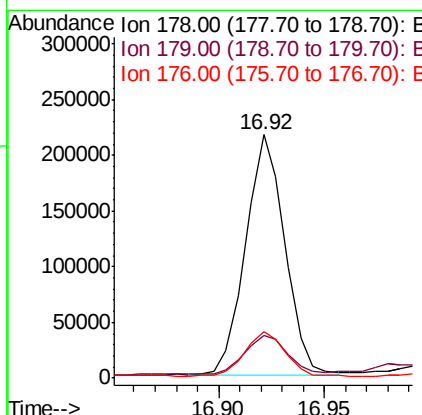
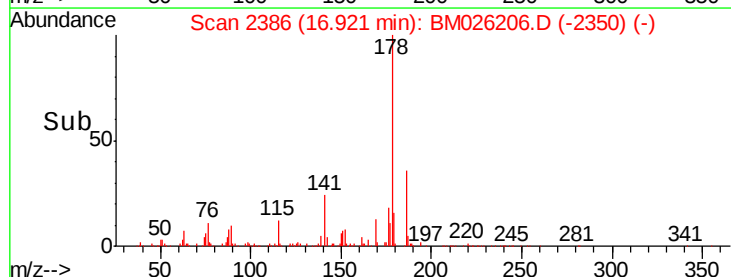
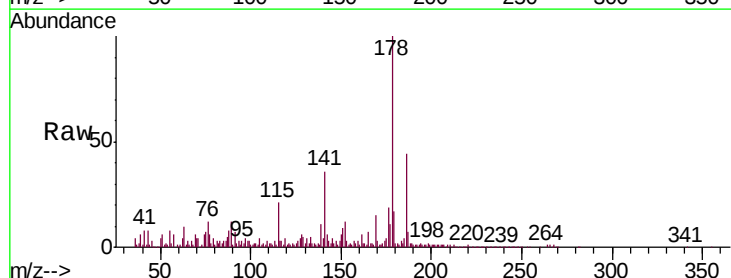
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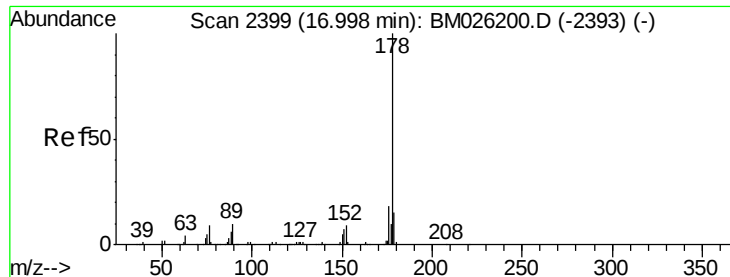
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#70
 Phenanthrene
 Concen: 5.459 ng/ul
 RT: 16.92 min Scan# 2386
 Delta R.T. 0.01 min
 Lab File: BM026206.D
 Acq: 01 Jun 2020 20:40

Tgt Ion:178 Resp: 276870
 Ion Ratio Lower Upper
 178 100
 179 17.5 11.9 17.9
 176 19.1 14.9 22.3





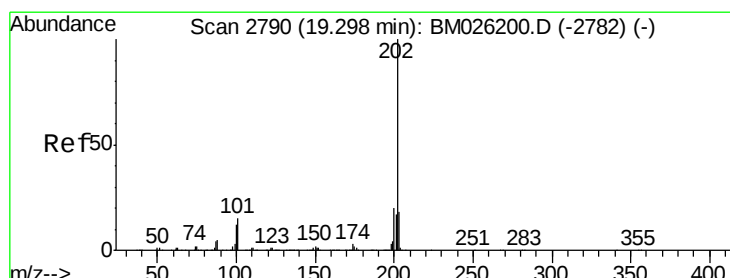
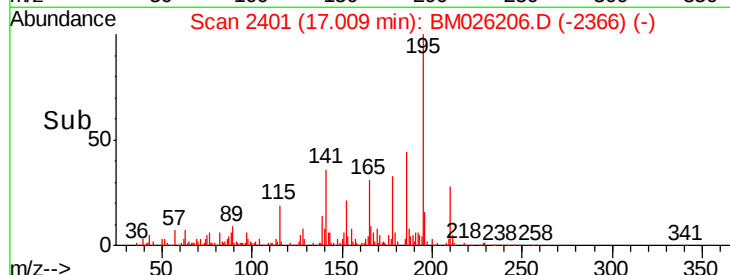
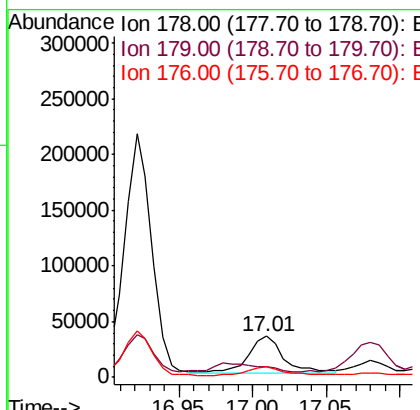
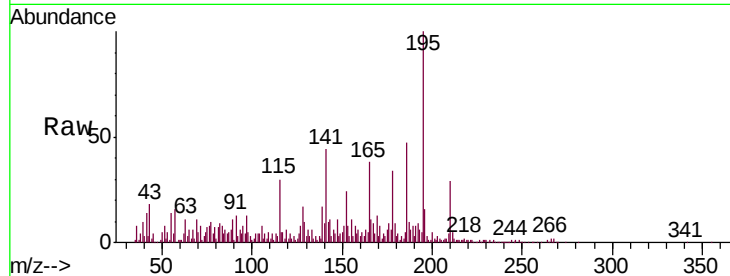
#72
 Anthracene
 Concen: 1.076 ng/ul m
 RT: 17.01 min Scan# 2401
 Delta R.T. 0.01 min
 Lab File: BM026206.D
 Acq: 01 Jun 2020 20:40

Instrument :
 BNA_M
 ClientSampled :
 C5CC8

Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.8	12.2	18.4#
176	25.8	14.9	22.3#

Manual Integrations
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#80
 Pyrene
 Concen: 1.058 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: BM026206.D
 Acq: 01 Jun 2020 20:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.4
100	15.9	10.2	15.4#

