

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
 Data File : BM019533.D
 Acq On : 28 Mar 2019 08:20
 Operator : JU/SJ
 Sample : K2069-10DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C09C9DL

Manual Integrations
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Sohil
 3/28/2019 3:18:42 PM

Quant Time: Apr 09 04:03:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	107351	20.00	ng/ul	0.01
18) Naphthalene-d8	10.45	136	417138m	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.25	164	224416	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	481013	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	548341	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	769312	20.00	ng/ul	-0.02

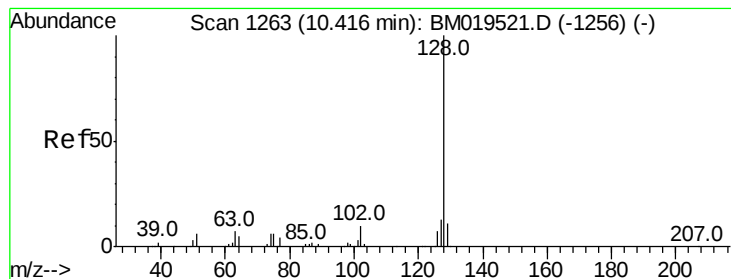
System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.78	99	11207	1.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	29554	4.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	31474	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	20678	2.88	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	16911	5.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	20252	6.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	35862	5.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	106	0.01	ng/ul	-0.04
44) Dimethylphthalate-d6	13.67	166	115030	6.35	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	142284	6.28	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.40	143	671	0.24	ng/ul	-0.10
58) Fluorene-d10	15.25	176	100912	6.47	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	7582	2.38	ng/ul	0.00
71) Anthracene-d10	17.10	188	144737	6.27	ng/ul	-0.01
79) Pyrene-d10	19.41	212	164491	6.49	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	245665	6.02	ng/ul	-0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.48	128	120766	5.589	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	46944	3.100	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	9759517	1366.674	ng/ul#	96
41) 1,1'-Biphenyl	13.09	154	240958	12.607	ng/ul#	89
50) Acenaphthene	14.31	153	20965	1.326	ng/ul	97
54) Dibenzofuran	14.66	168	53079	2.405	ng/ul	96
59) Fluorene	15.30	166	37063	2.119	ng/ul	96
67) Hexachlorobenzene	16.30	284	96568	15.267	ng/ul#	89
70) Phenanthrene	17.04	178	242912	8.907	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	33159674m	4754.892	ng/uL	
74) Pentachlorobenzene	14.57	250	5872501	805.057	ng/uL	98
77) Fluoranthene	19.07	202	97943	3.134	ng/ul#	83
80) Pyrene	19.44	202	65645	1.990	ng/ul#	82
84) Bis(2-ethylhexyl)phthalate	21.12	149	188313	9.947	ng/ul#	95

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



#28

Naphthalene

Concen: 5.589 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. 0.05 min

Lab File: BM019533.D

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Instrument :

BNA_M

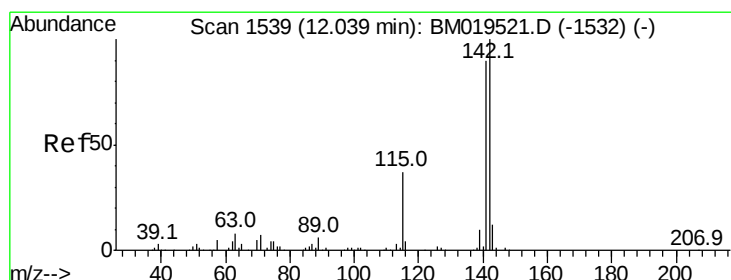
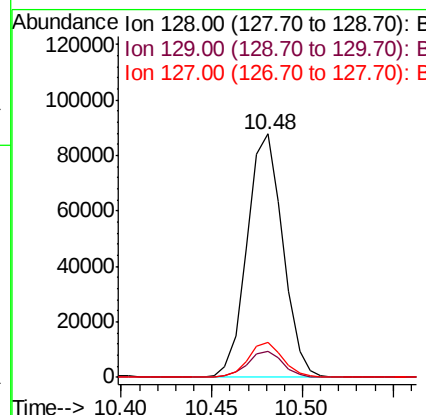
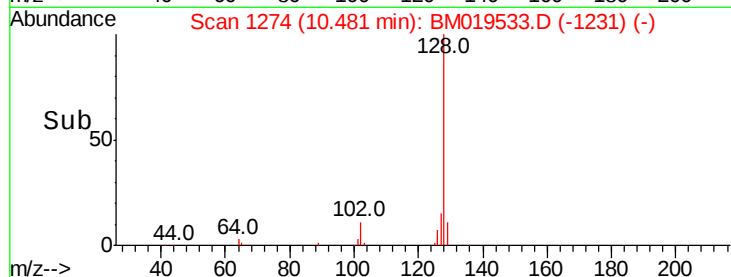
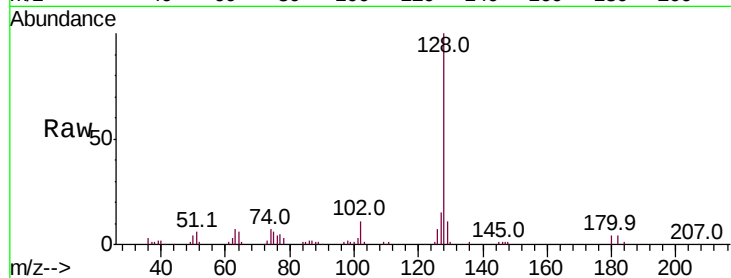
ClientSampleId :

C09C9DL

Tot Ion:	128	Resp:	120766
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.3	12.5
127	14.6	10.8	16.2

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#34

2-Methylnaphthalene

Concen: 3.100 ng/ul

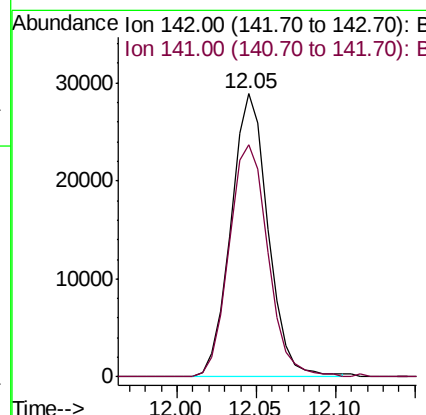
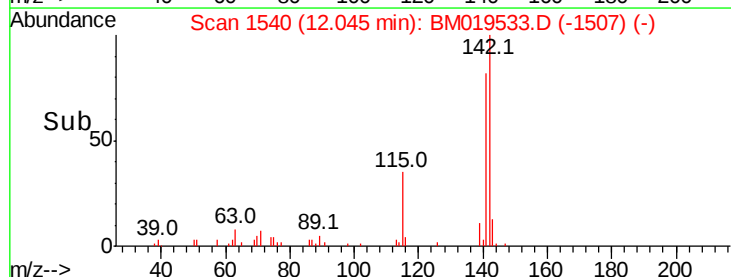
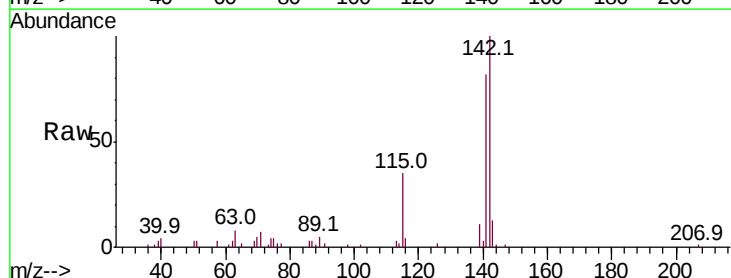
RT: 12.05 min Scan# 1540

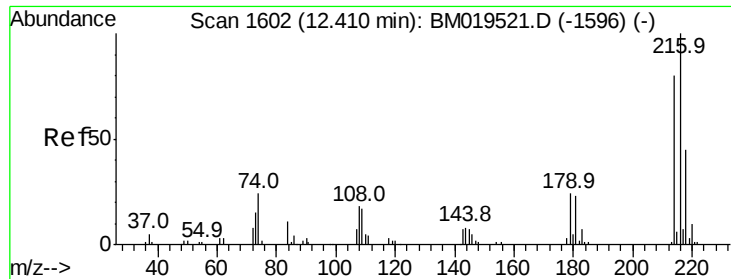
Delta R.T. -0.01 min

Lab File: BM019533.D

Acq: 28 Mar 2019 08:20

Tgt Ion:	142	Resp:	46944
Ion Ratio	Lower	Upper	
142	100		
141	81.9	71.4	107.2





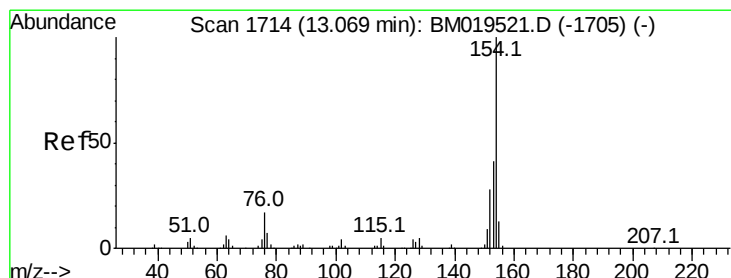
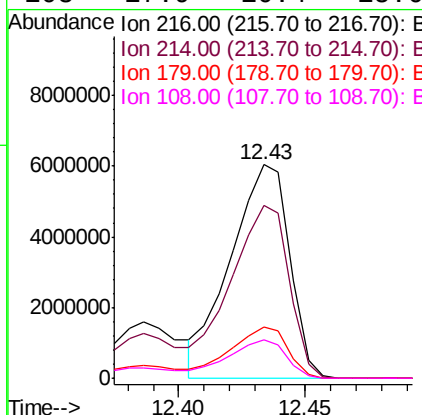
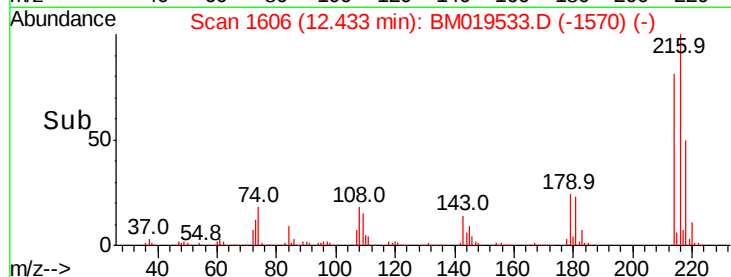
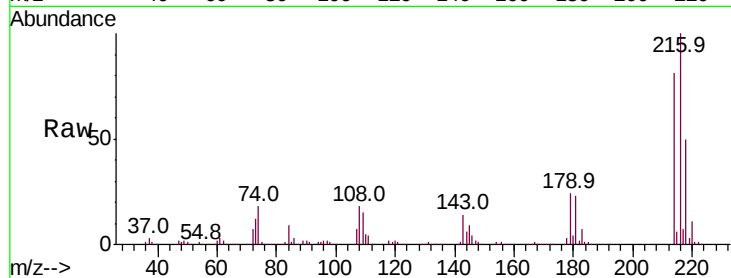
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1366.674 ng/ul
 RT: 12.43 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BM019533.D
 Acq: 28 Mar 2019 08:20

Instrument :
 BNA_M
 ClientSampleId :
 C09C9DL

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.8	64.1	96.1
179	23.9	14.5	21.7#
108	17.9	10.4	15.6#

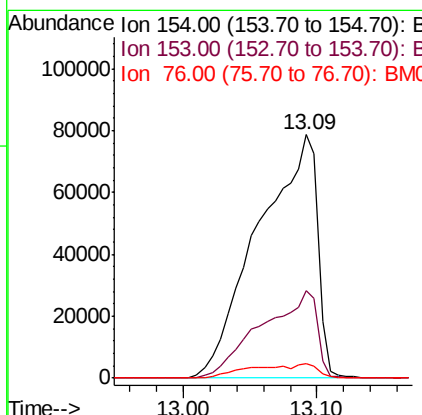
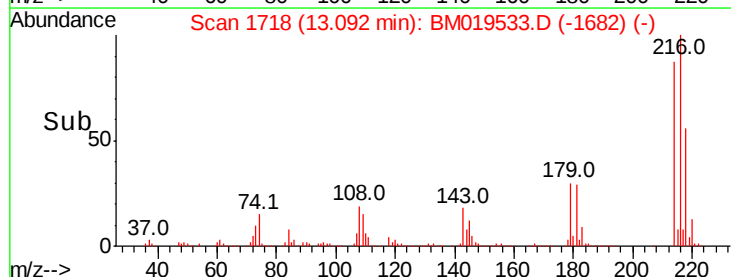
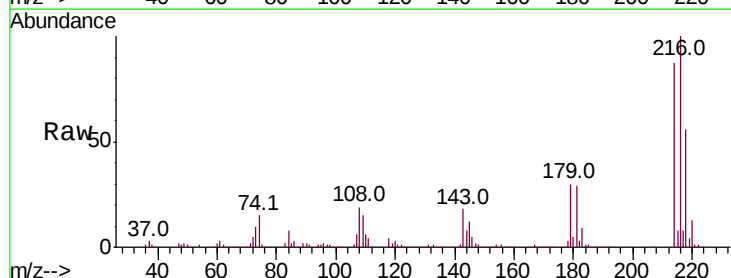
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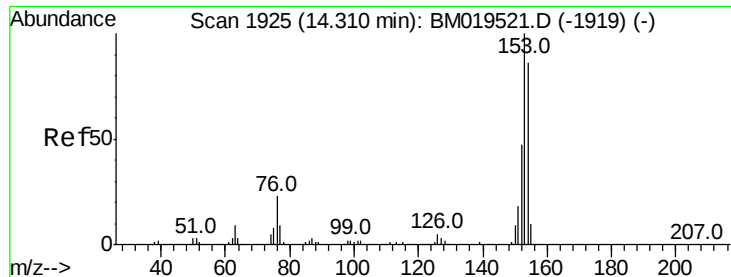
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#41
 1,1'-Biphenyl
 Concen: 12.607 ng/ul
 RT: 13.09 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM019533.D
 Acq: 28 Mar 2019 08:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.0	34.0	51.0
76	5.7	8.4	12.6#





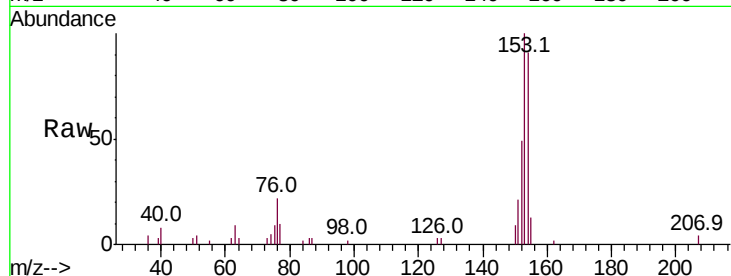
#50
Acenaphthene
Concen: 1.326 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019533.D
Acq: 28 Mar 2019 08:20

Instrument :
BNA_M
ClientSampleId :
C09C9DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.9	56.9
154	90.6	69.8	104.6

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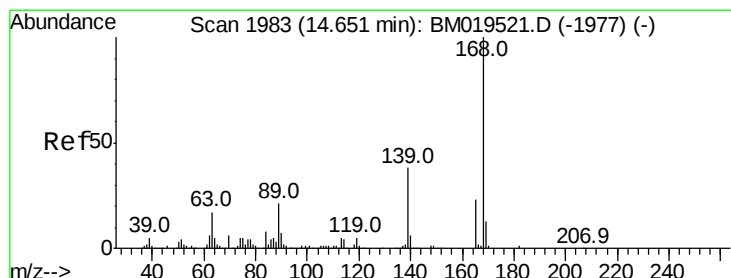
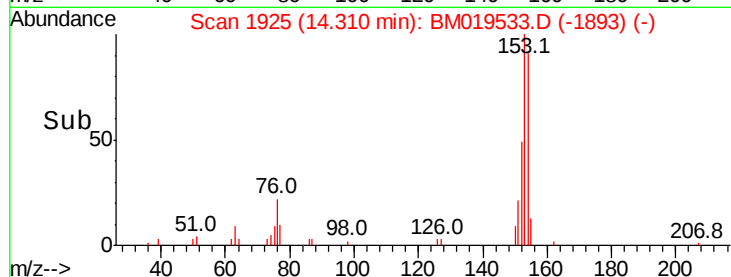
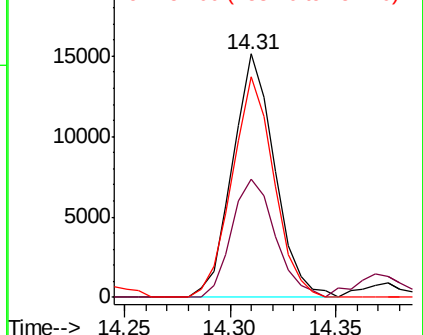


Abundance

Ion 153.00 (152.70 to 153.70): E

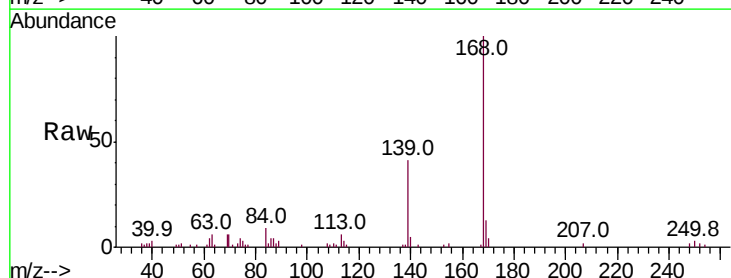
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 2.405 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM019533.D
Acq: 28 Mar 2019 08:20

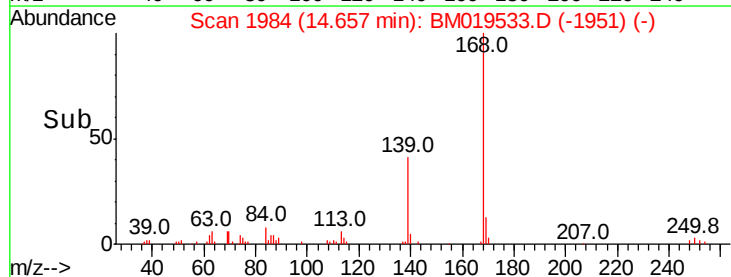
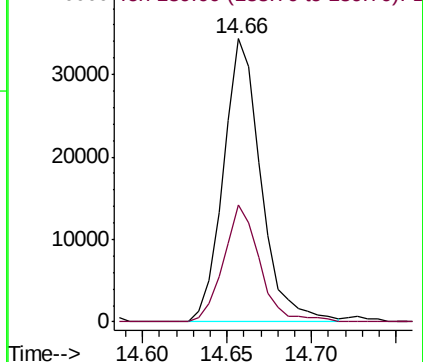
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.0	46.4

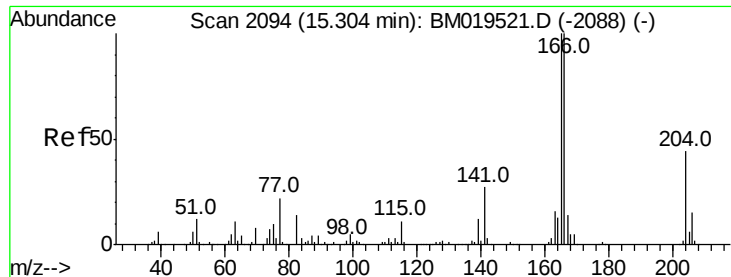


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





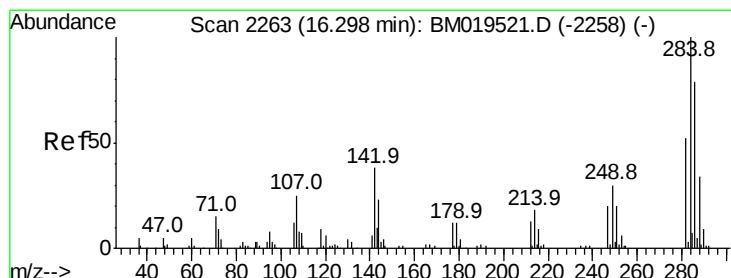
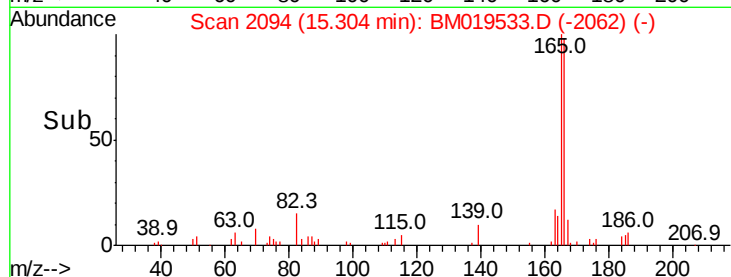
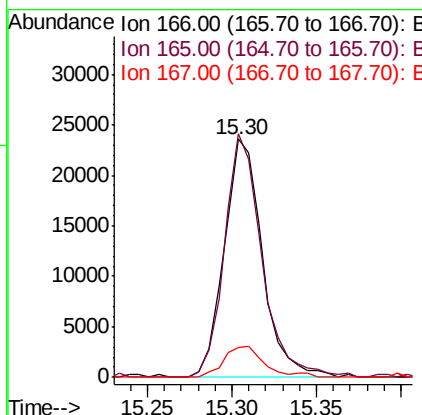
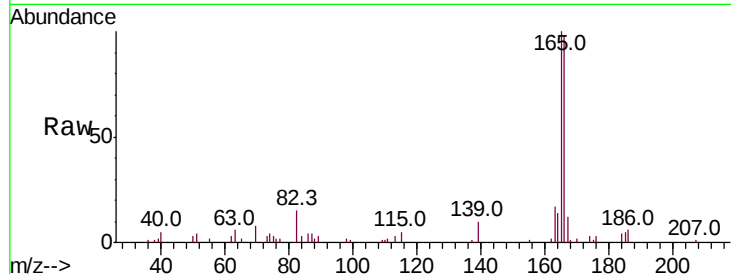
#59
Fluorene
 Concen: 2.119 ng/ul
 RT: 15.30 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM019533.D
 Acq: 28 Mar 2019 08:20

Instrument :
 BNA_M
 ClientSampleId :
 C09C9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.4	117.6
167	12.3	11.1	16.7

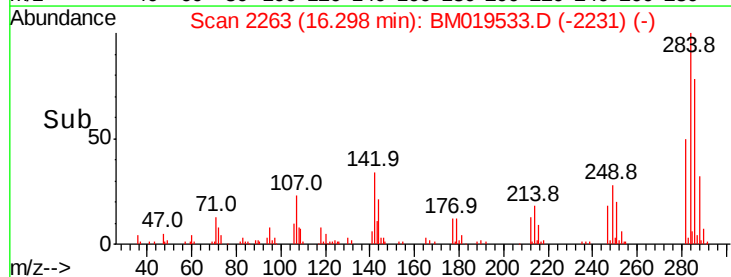
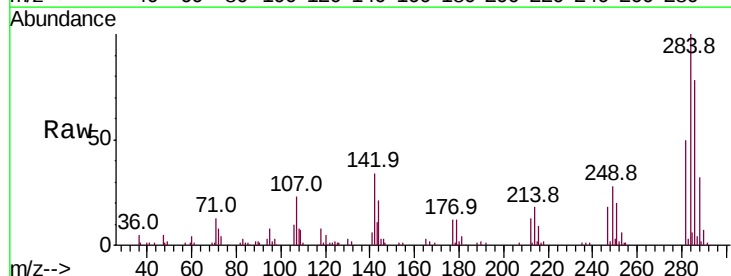
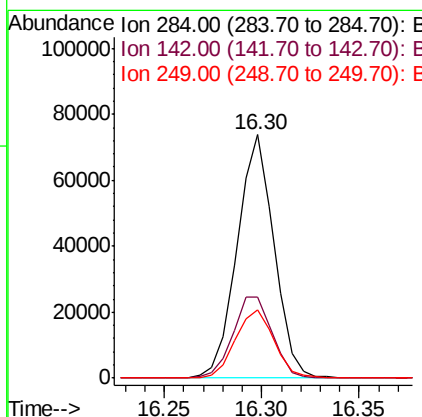
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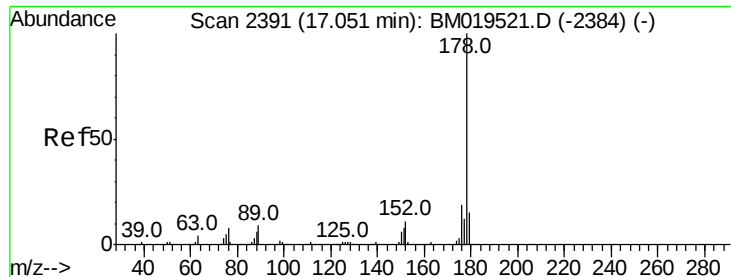
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#67
Hexachlorobenzene
 Concen: 15.267 ng/ul
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM019533.D
 Acq: 28 Mar 2019 08:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	21.3	31.9#
249	28.1	26.3	39.5





#70

Phenanthrene

Concen: 8.907 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM019533.D

Acq: 28 Mar 2019 08:20

Instrument :

BNA_M

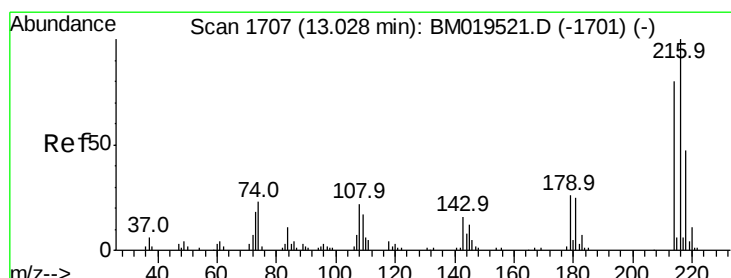
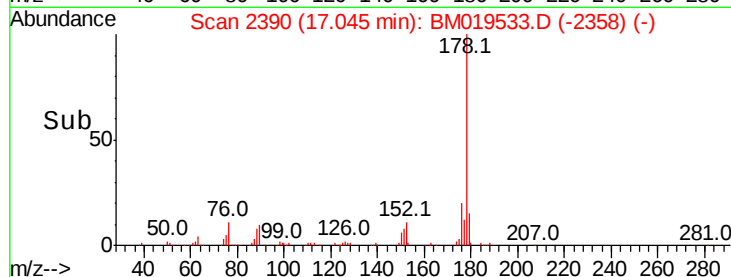
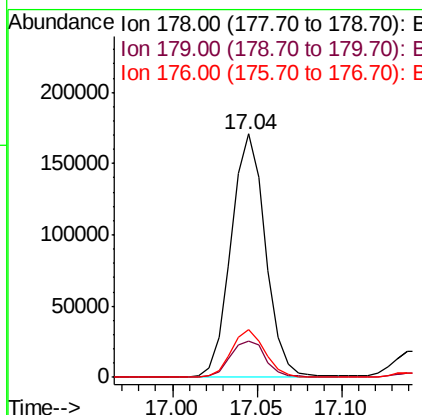
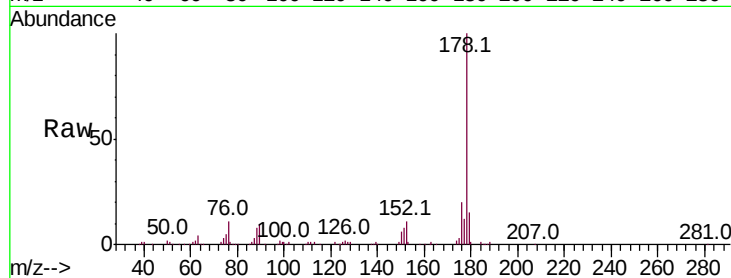
ClientSampleId :

C09C9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.8	15.4	23.0

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 4754.892 ng/uL m

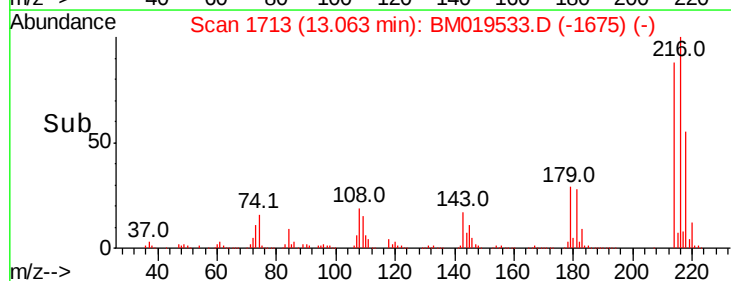
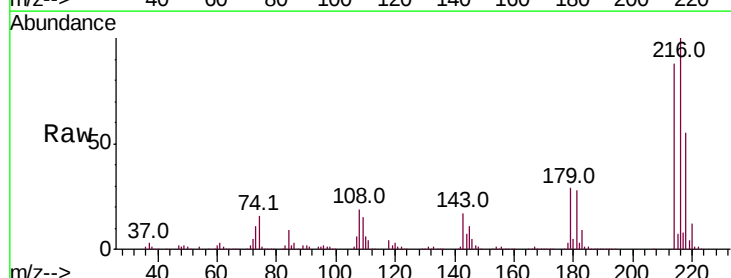
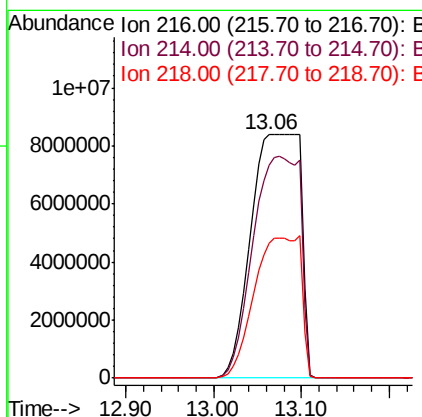
RT: 13.06 min Scan# 1713

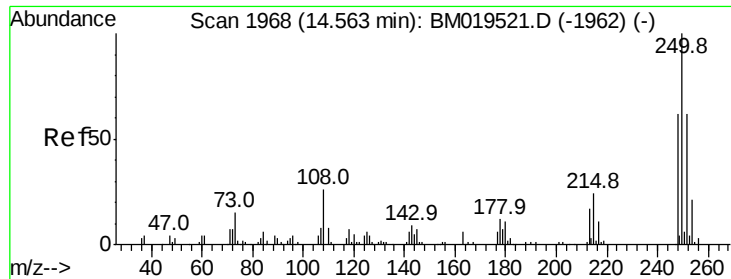
Delta R.T. 0.02 min

Lab File: BM019533.D

Acq: 28 Mar 2019 08:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	87.7	64.1	96.1
218	55.2	39.4	59.0





#74

Pentachlorobenzene

Concen: 805.057 ng/uL

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM019533.D

Acq: 28 Mar 2019 08:20

Instrument :

BNA_M

ClientSampled :

C09C9DL

Tot Ion:250 Resp: 5872501

Ion Ratio Lower Upper

250 100

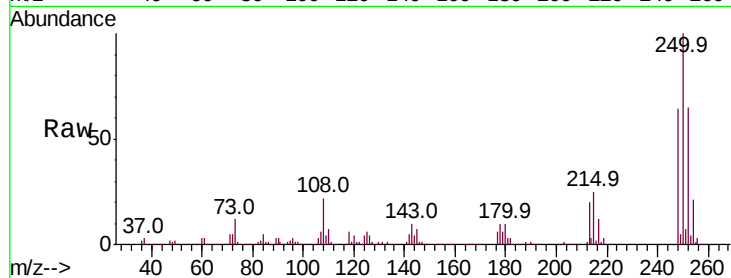
248 64.1 51.4 77.2

252 64.8 49.8 74.6

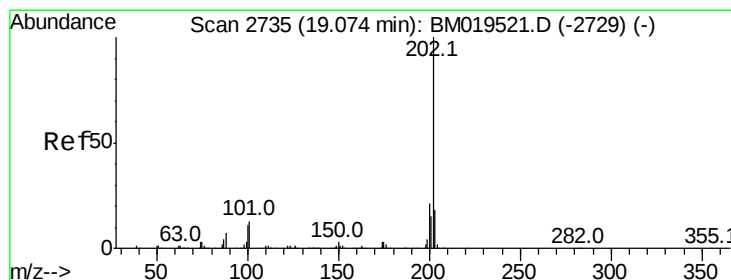
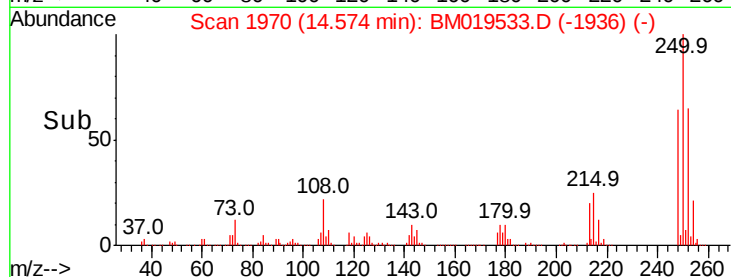
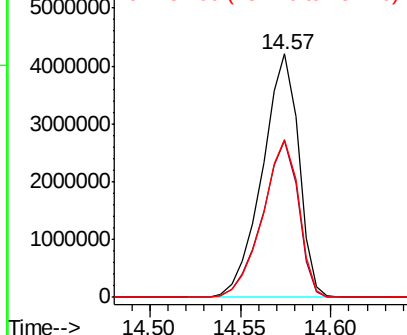
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Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E



#77

Fluoranthene

Concen: 3.134 ng/uL

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM019533.D

Acq: 28 Mar 2019 08:20

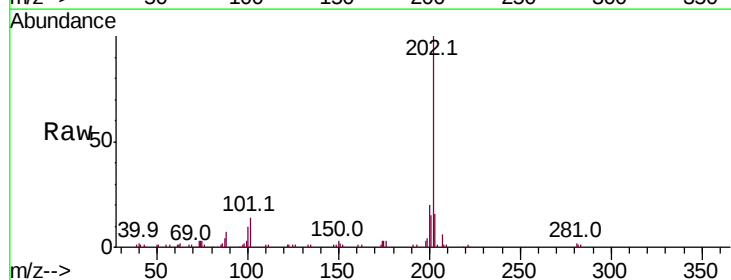
Tgt Ion:202 Resp: 97943

Ion Ratio Lower Upper

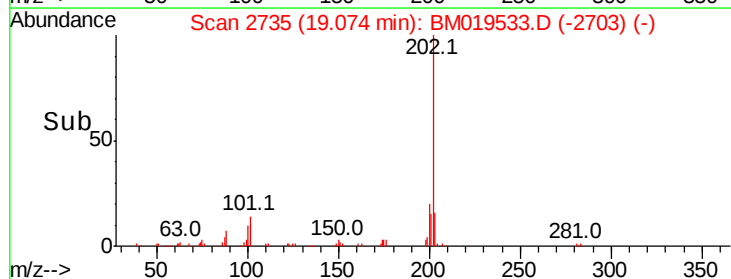
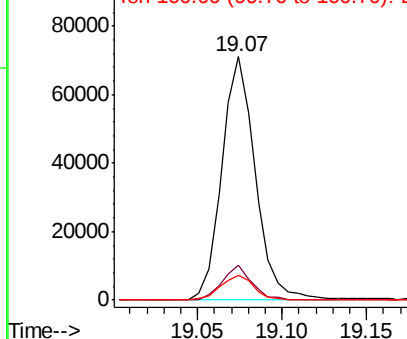
202 100

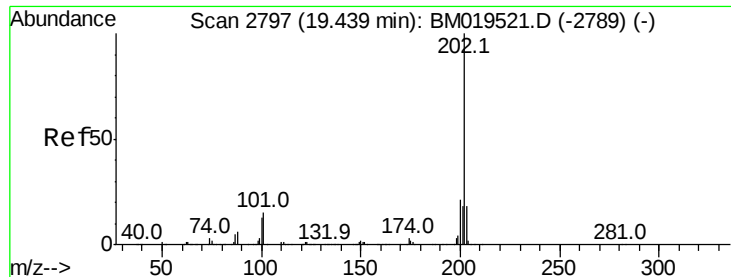
101 14.4 6.1 9.1#

100 10.0 4.6 7.0#



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





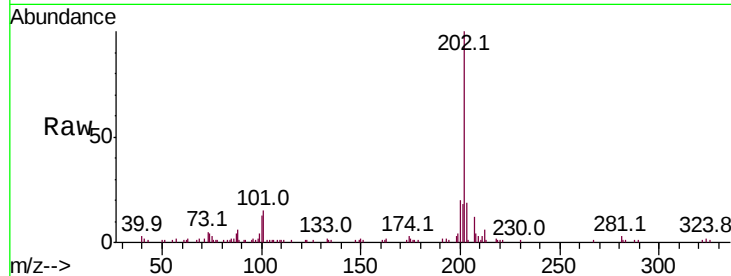
#80
Pvrene
Concen: 1.990 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM019533.D
Acq: 28 Mar 2019 08:20

Instrument :
BNA_M
ClientSampleId :
C09C9DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	6.9	10.3#
100	12.7	5.6	8.4#

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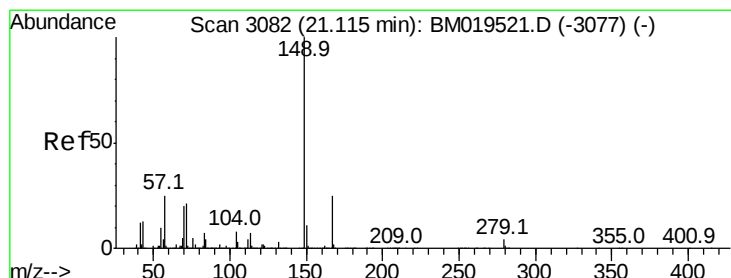
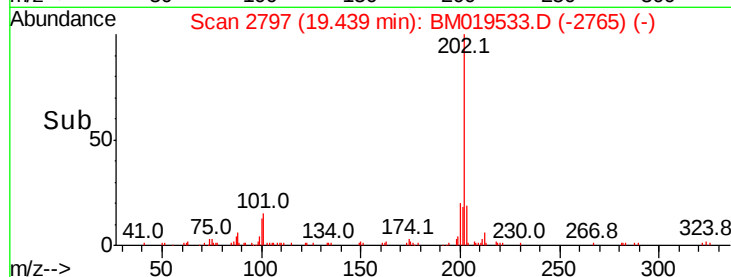
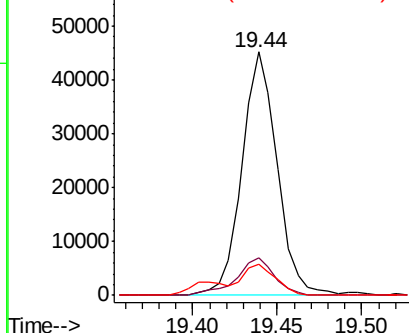


Abundance

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.947 ng/ul
RT: 21.12 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM019533.D
Acq: 28 Mar 2019 08:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.0	34.6
279	4.1	4.3	6.5#

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

