

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021717.D
 Acq On : 30 Jul 2019 05:28
 Operator : HP/JU
 Sample : K3922-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MSD

Manual Integrations
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Quant Time: Jul 30 06:46:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 30 05:24:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	159053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	636217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	393810	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	796934	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	707504	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	829702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	5191	1.57	ng/uL	0.00
5) Phenol-d5	6.86	99	182919	15.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	101346	14.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	147546	14.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	174013	17.33	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	82852	17.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	90191	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	208916	18.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	139533	13.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	684760	22.53	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	796112	22.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	60680	13.15	ng/ul	0.00
57) Fluorene-d10	15.32	176	611846	22.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	55875	11.28	ng/ul	0.00
70) Anthracene-d10	17.17	188	908697	22.66	ng/ul	0.00
78) Pyrene-d10	19.47	212	1007558	25.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1090005	24.83	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.88	94	196351	15.378	ng/ul 99
10) 2-Chlorophenol	7.24	128	152019	14.276	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.49	70	150906	18.419	ng/ul 96
33) 4-Chloro-3-methylphenol	11.76	107	235523	21.058	ng/ul 97
44) Dimethylphthalate	13.79	163	232164	7.359	ng/ul 99
49) Acenaphthene	14.39	153	599760	22.224	ng/ul 99
52) 4-Nitrophenol	14.56	109	65865	15.765	ng/ul 94
54) 2,4-Dinitrotoluene	14.72	165	186737	22.720	ng/ul# 84
68) Pentachlorophenol	16.73	266	122286	16.790	ng/ul 96
69) Phenanthrene	17.12	178	183648	3.826	ng/ul 100
76) Fluoranthene	19.14	202	527474	9.420	ng/ul 99
79) Pyrene	19.50	202	1772917	33.584	ng/ul 100
82) Benzo(a)anthracene	21.25	228	174282	3.383	ng/ul 99
84) Chrysene	21.30	228	252826	5.205	ng/ul 99
87) Benzo(b)fluoranthene	22.83	252	381425	6.756	ng/ul 97
88) Benzo(k)fluoranthene	22.87	252	109329m	1.981	ng/ul
90) Benzo(a)pyrene	23.40	252	216122	4.089	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.74	276	185681	3.029	ng/ul 99
93) Benzo(g,h,i)perylene	26.43	276	187174	3.673	ng/ul 98

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

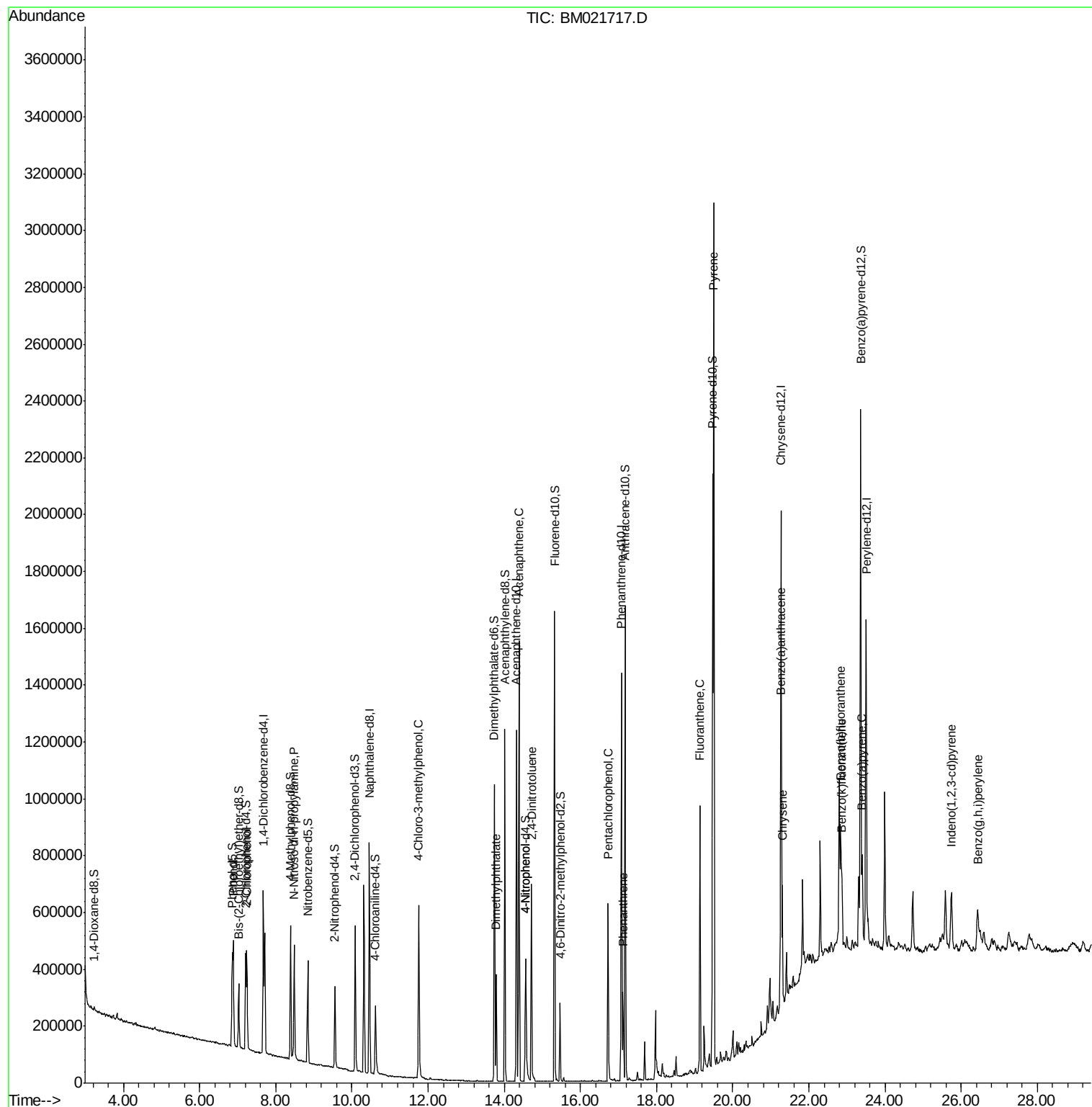
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021717.D
Acq On : 30 Jul 2019 05:28
Operator : HP/JU
Sample : K3922-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

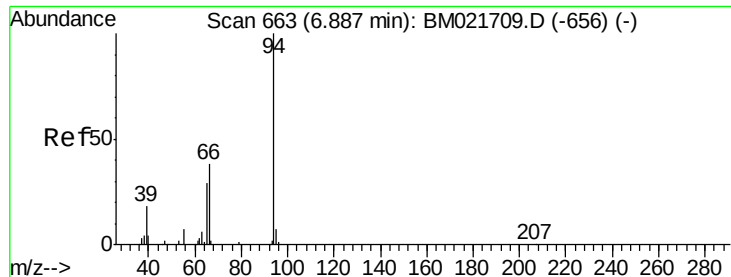
Instrument :
BNA_M
ClientSampleId :
A52F0MSD

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Quant Time: Jul 30 06:46:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 30 05:24:20 2019
Response via : Initial Calibration





#6

Phenol

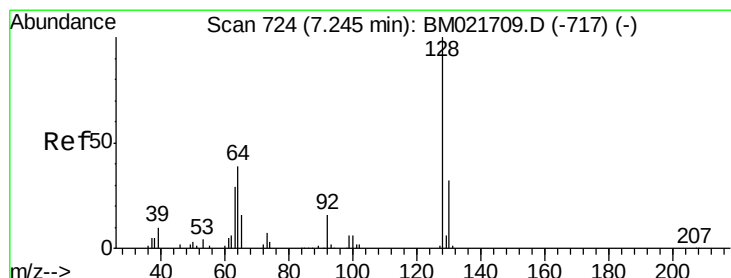
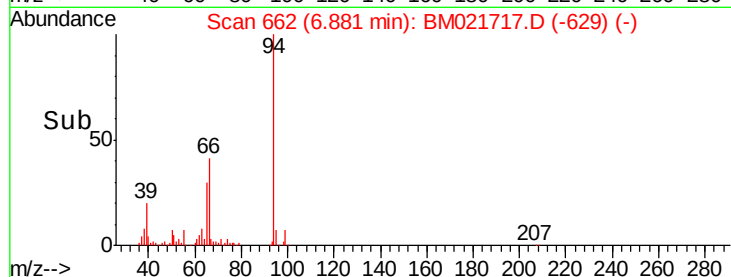
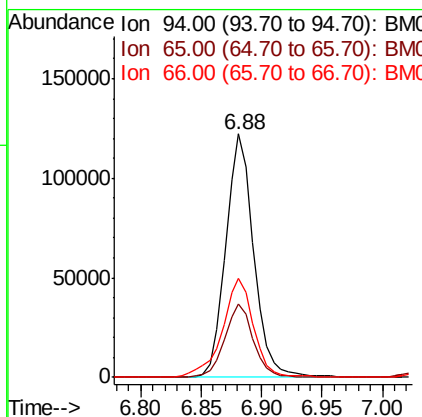
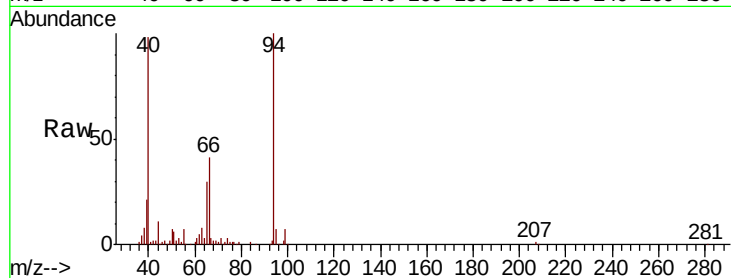
Concen: 15.378 ng/ul
 RT: 6.88 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM021717.D
 Acq: 30 Jul 2019 05:28

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.0	24.8	37.2
66	40.7	33.0	49.4

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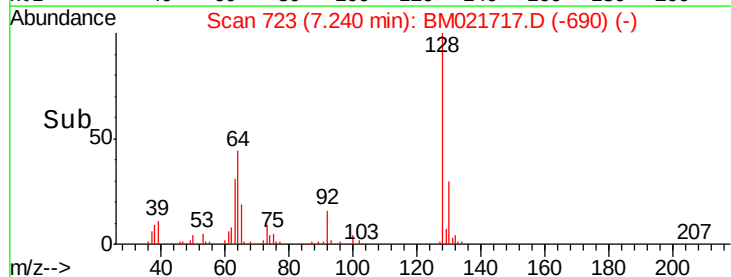
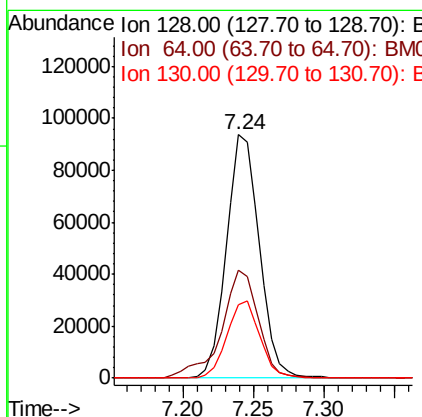
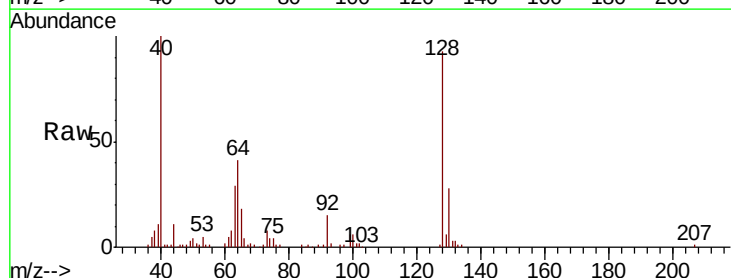


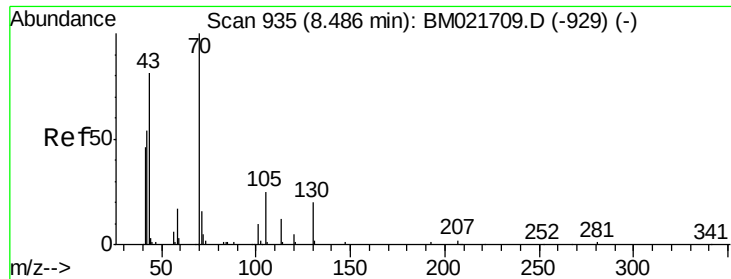
#10

2-Chlorophenol

Concen: 14.276 ng/ul
 RT: 7.24 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BM021717.D
 Acq: 30 Jul 2019 05:28

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.1	34.5	51.7
130	30.2	27.6	41.4





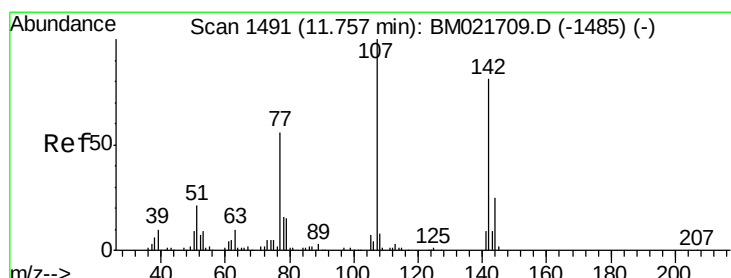
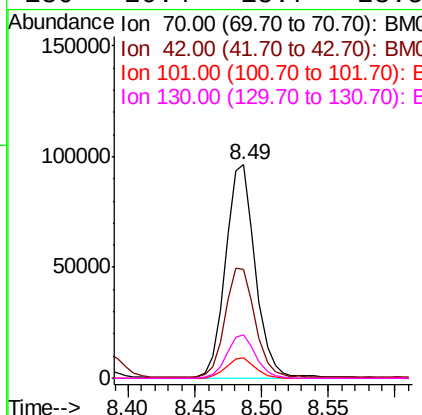
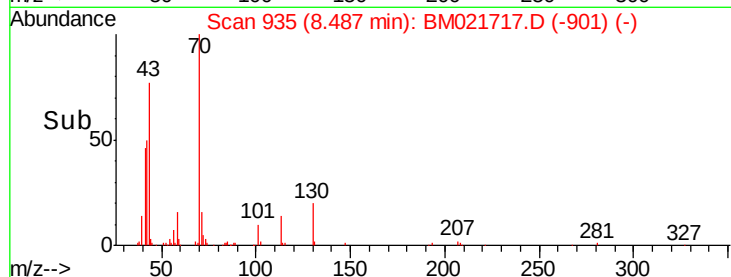
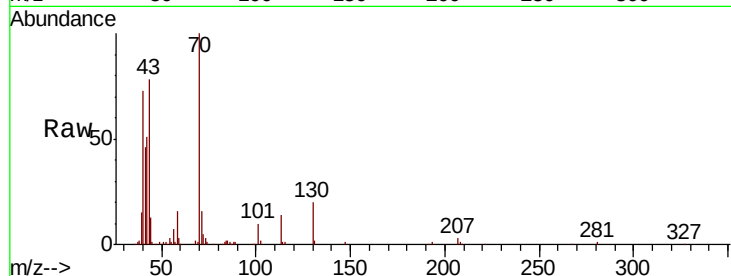
#15
N-Nitroso-di-n-propylamine
Concen: 18.419 ng/ul
RT: 8.49 min Scan# 935
Delta R.T. 0.00 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		150906		
42	50.8	43.2	64.8		
101	9.6	7.0	10.6		
130	20.4	15.7	23.5		

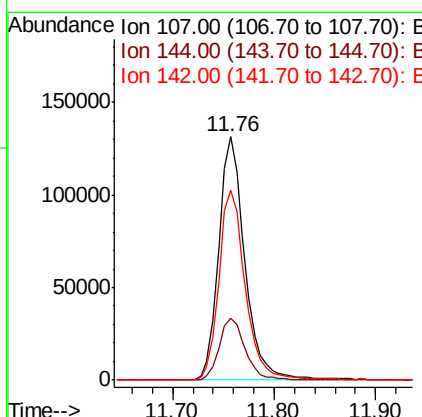
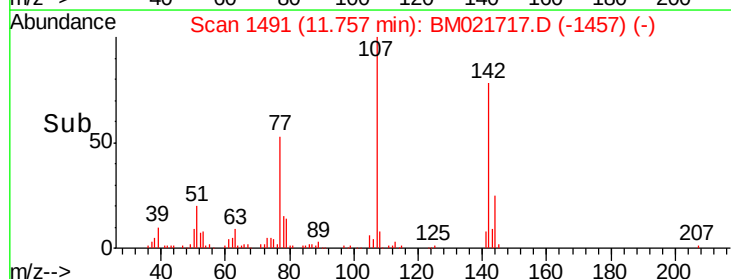
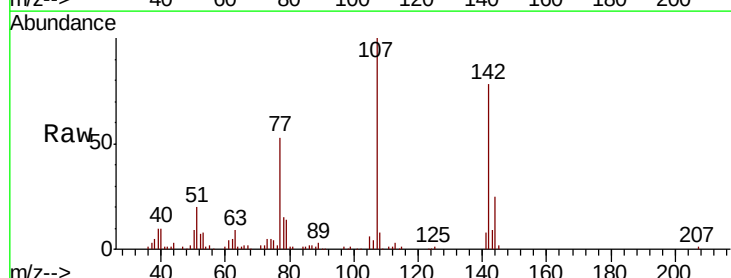
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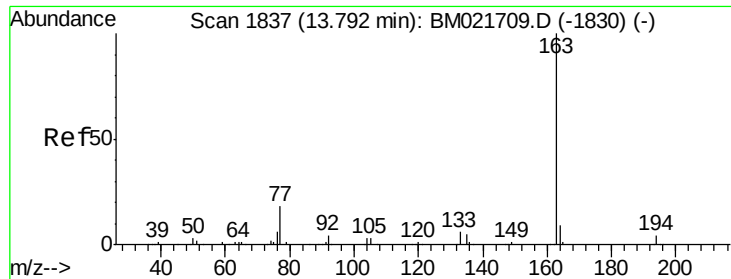
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#33
4-Chloro-3-methylphenol
Concen: 21.058 ng/ul
RT: 11.76 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		235523		
144	25.5	21.3	31.9		
142	78.1	65.1	97.7		





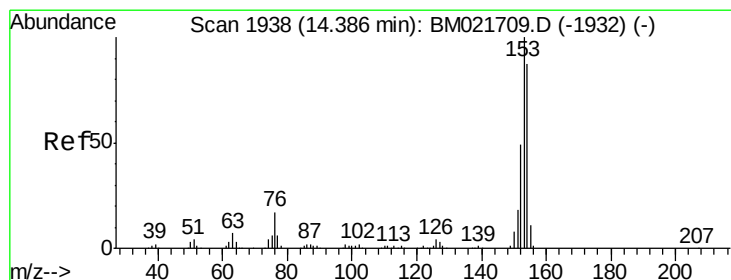
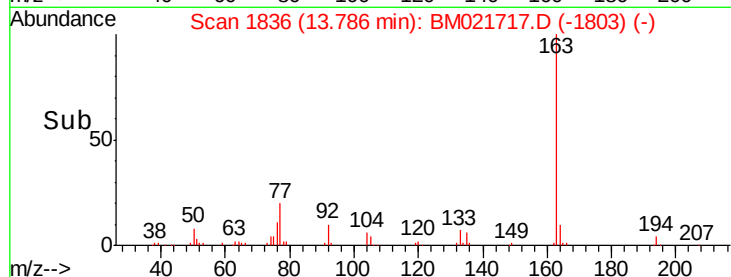
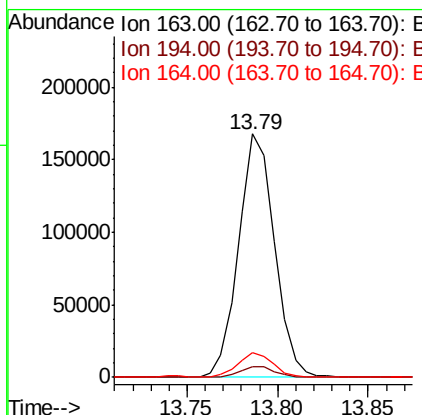
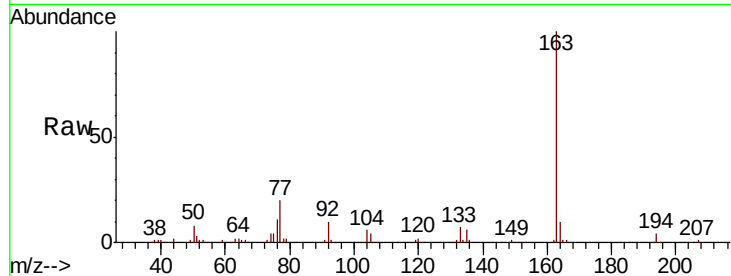
#44
Dimethylphthalate
Concen: 7.359 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	232164		
194	4.2	3.5	5.3	
164	10.4	8.1	12.1	

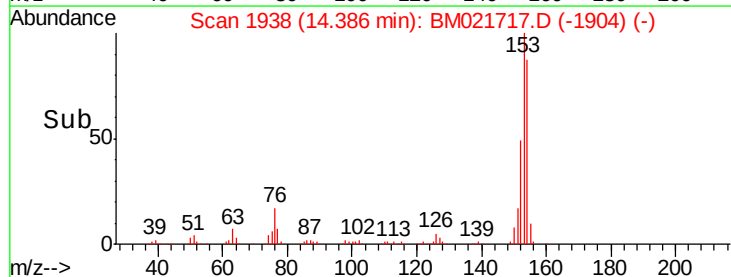
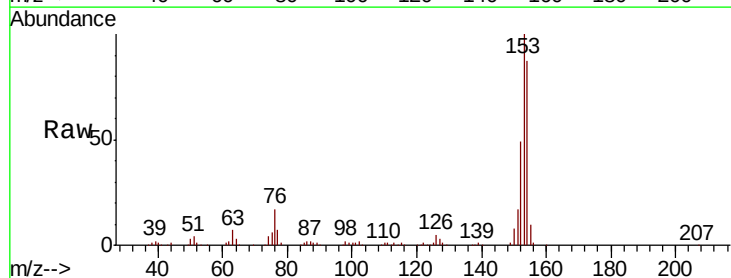
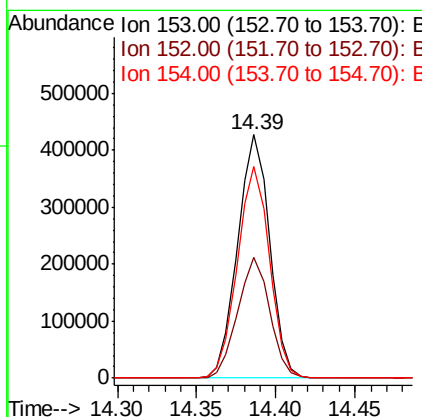
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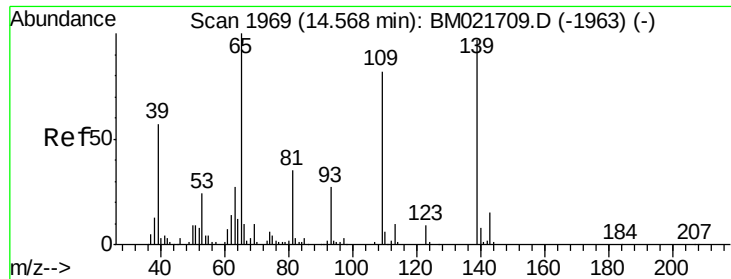
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#49
Acenaphthene
Concen: 22.224 ng/ul
RT: 14.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	599760		
152	49.5	38.7	58.1	
154	86.9	69.2	103.8	





#52

4-Nitrophenol

Concen: 15.765 ng/ul

RT: 14.56 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM021717.D

Acq: 30 Jul 2019 05:28

Instrument :

BNA_M

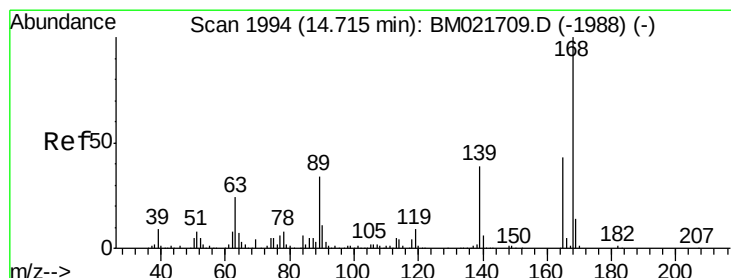
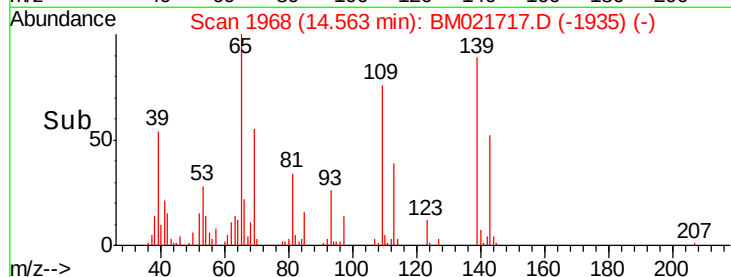
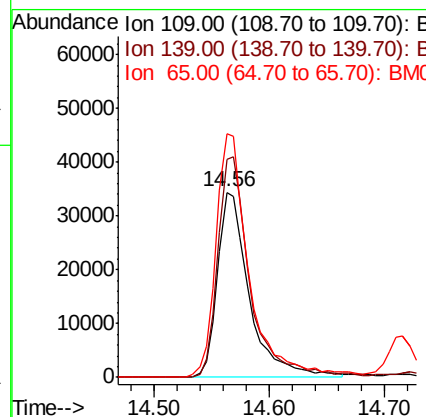
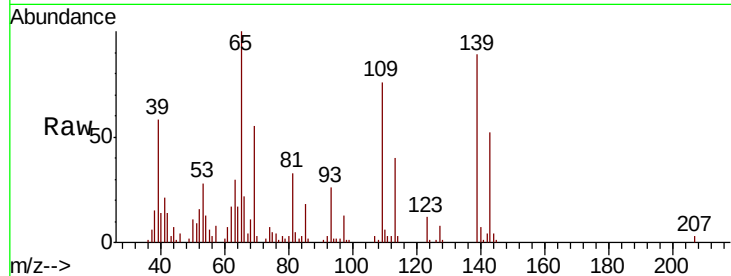
ClientSampleId :

A52F0MSD

Tot Ion:	109	Resp:	65865
Ion	Ratio	Lower	Upper
109	100		
139	117.7	96.6	144.8
65	131.7	97.8	146.6

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#54

2,4-Dinitrotoluene

Concen: 22.720 ng/ul

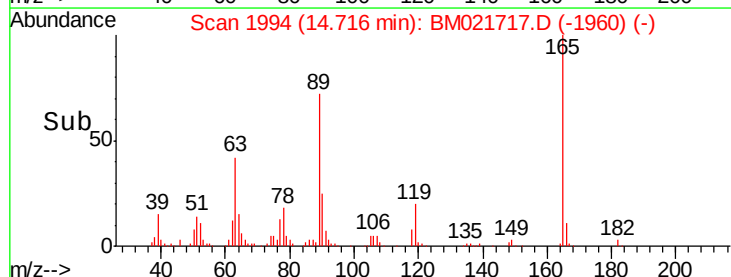
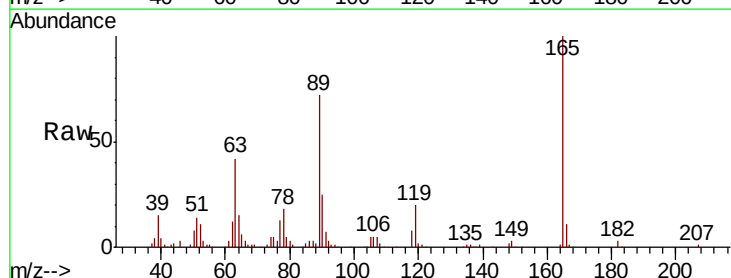
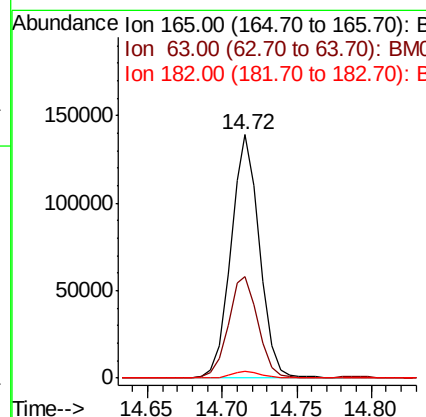
RT: 14.72 min Scan# 1994

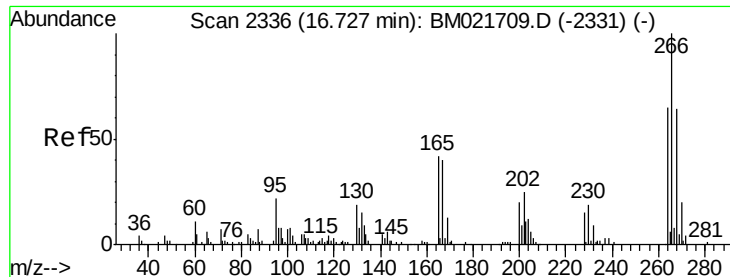
Delta R.T. 0.00 min

Lab File: BM021717.D

Acq: 30 Jul 2019 05:28

Tgt Ion:	165	Resp:	186737
Ion	Ratio	Lower	Upper
165	100		
63	41.5	42.7	64.1#
182	2.6	2.3	3.5





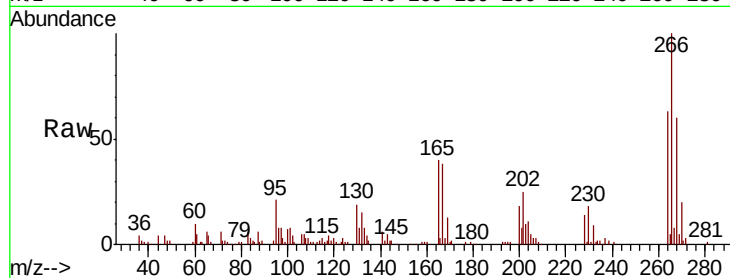
#68
 Pentachlorophenol
 Concen: 16.790 ng/ul
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BM021717.D
 Acq: 30 Jul 2019 05:28

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.2	72.2
268	60.4	51.0	76.6

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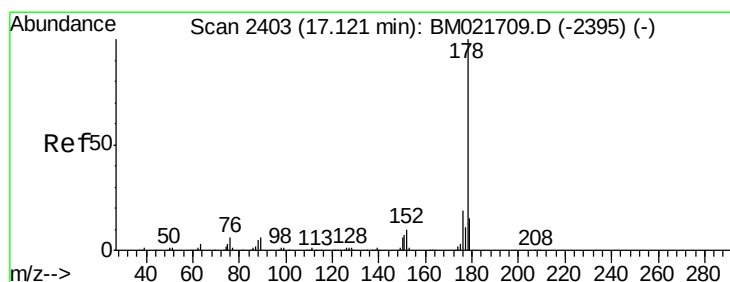
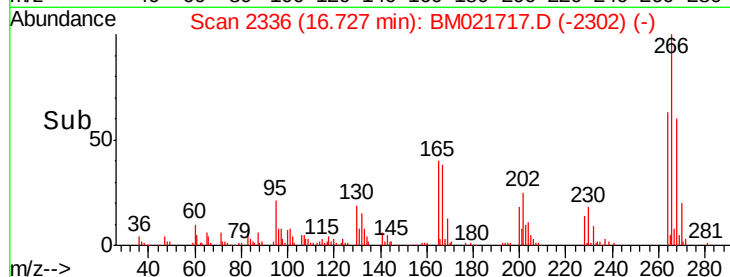
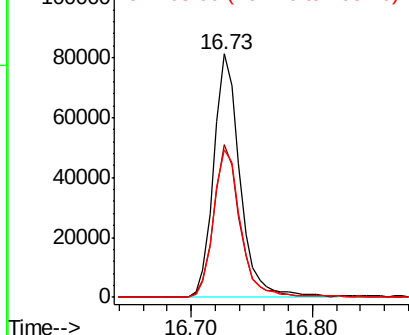


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 3.826 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BM021717.D
 Acq: 30 Jul 2019 05:28

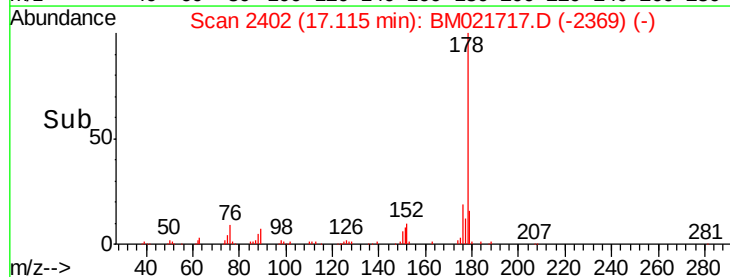
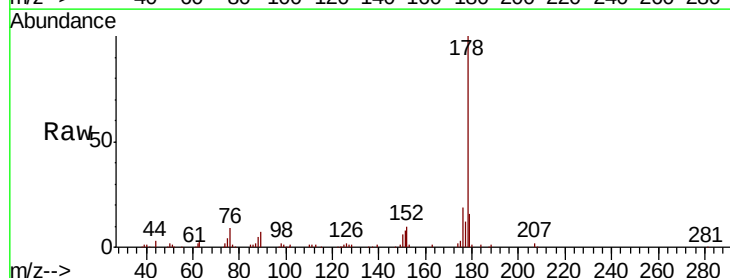
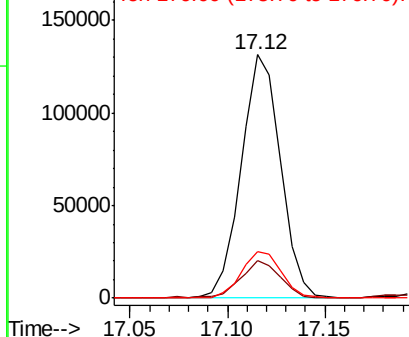
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.4	15.4	23.2

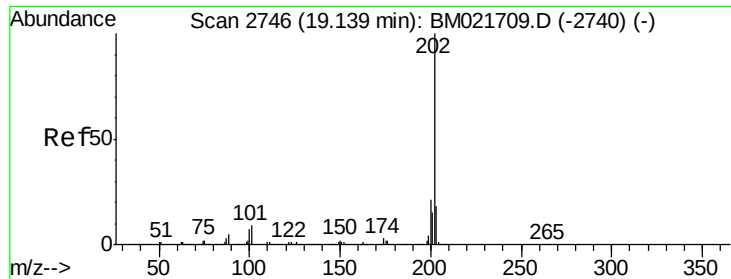
Abundance

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





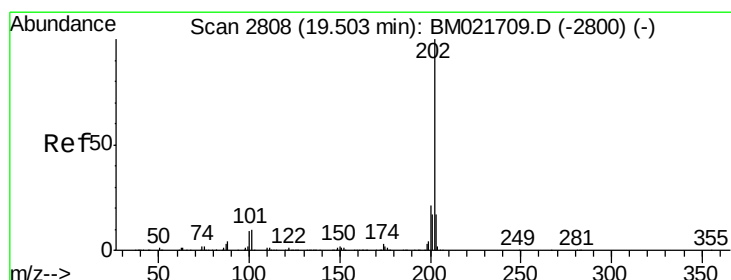
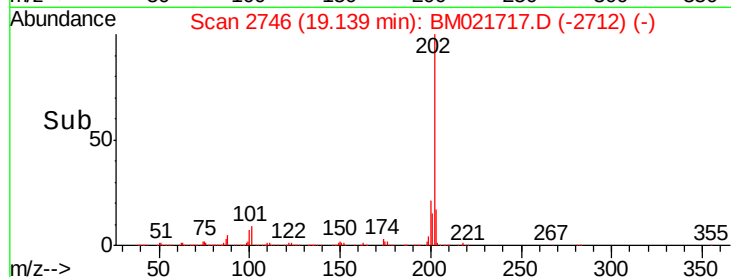
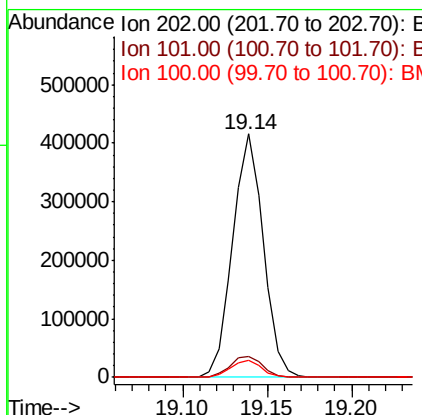
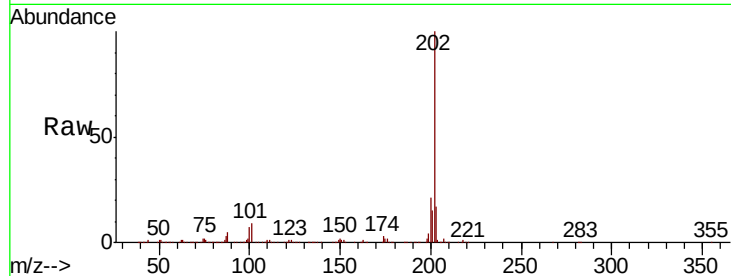
#76
Fluoranthene
Concen: 9.420 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		527474		
101	8.6	6.7	10.1		
100	6.9	5.1	7.7		

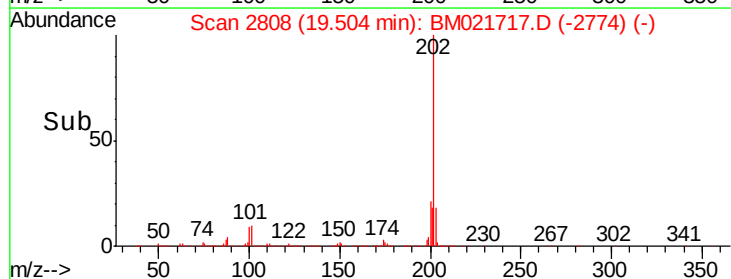
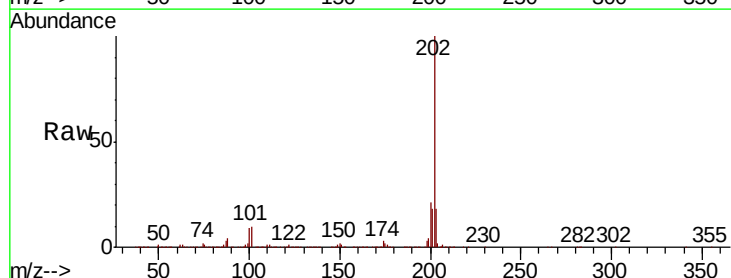
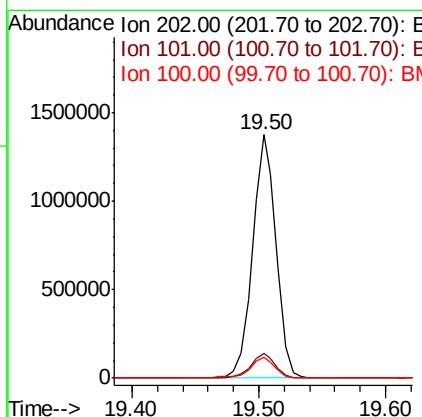
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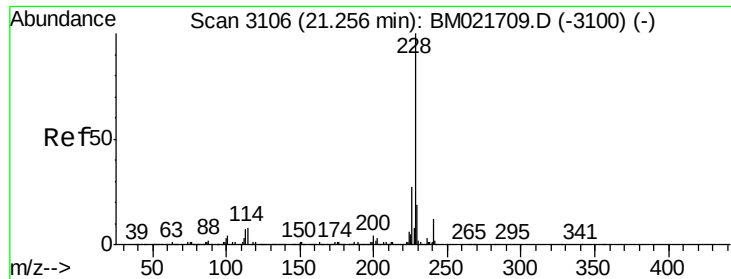
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#79
Pyrene
Concen: 33.584 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1772917		
101	10.3	8.2	12.2		
100	8.7	7.0	10.4		





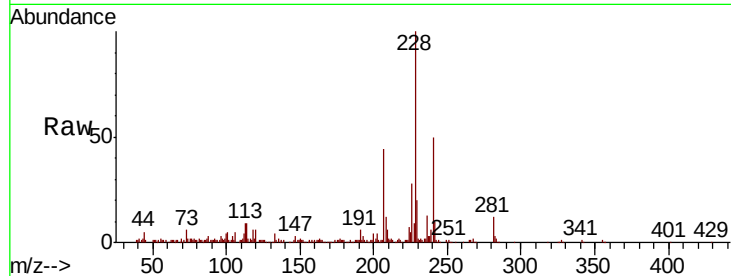
#82
Benzo(a)anthracene
Concen: 3.383 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.6	21.4	32.2

Manual Integrations
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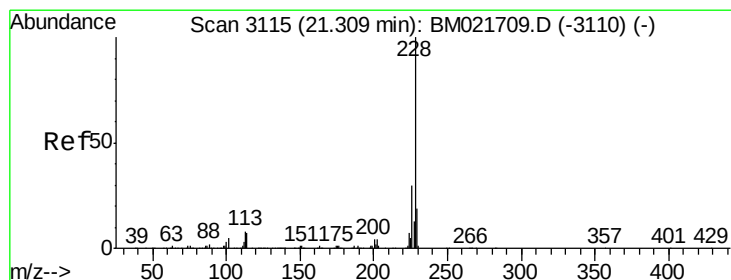
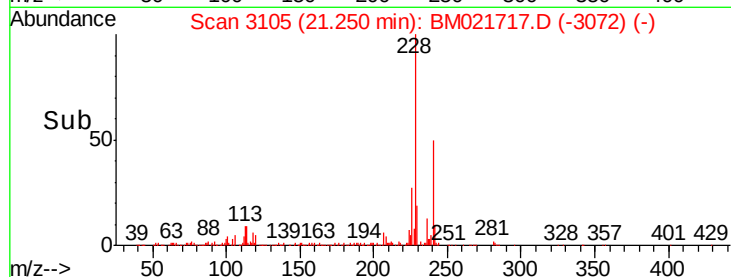
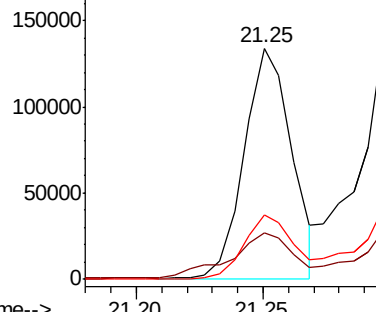


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84
Chrysene
Concen: 5.205 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

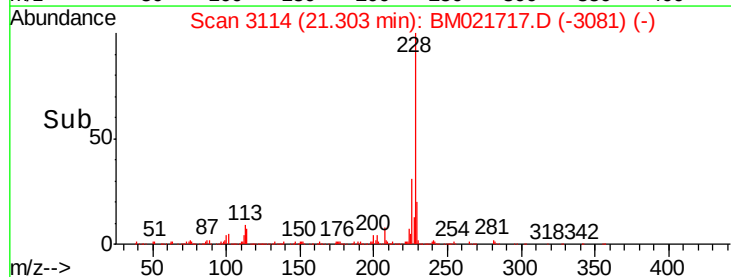
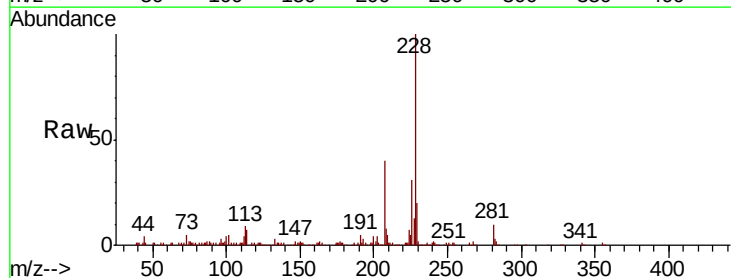
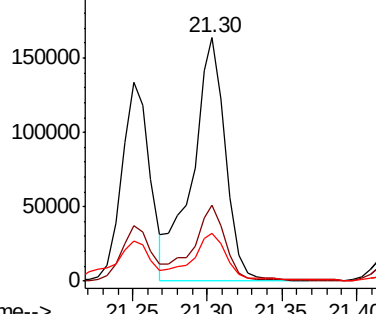
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	19.8	15.7	23.5

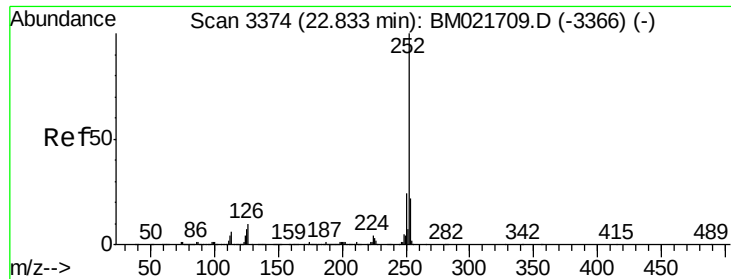
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 6.756 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM021717.D

Acq: 30 Jul 2019 05:28

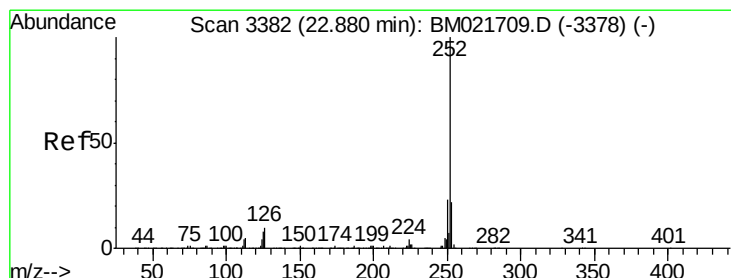
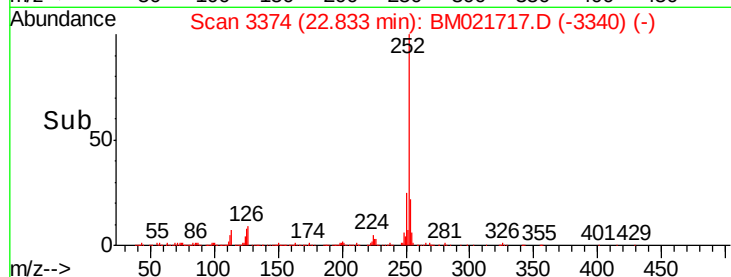
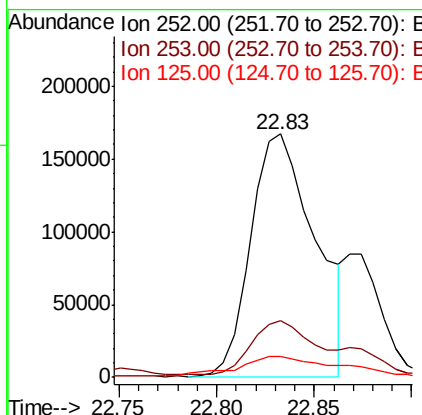
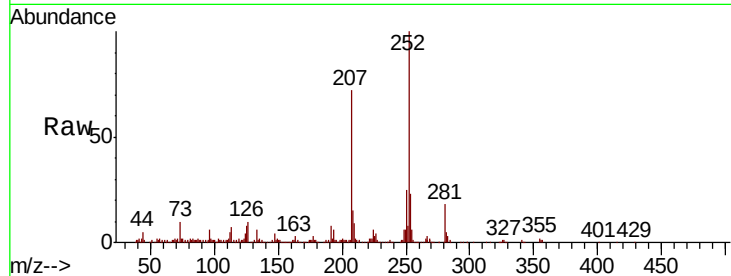
Instrument :
BNA_M

ClientSampleId :
A52F0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	8.4	6.3	9.5

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#88

Benzo(k)fluoranthene

Concen: 1.981 ng/ul m

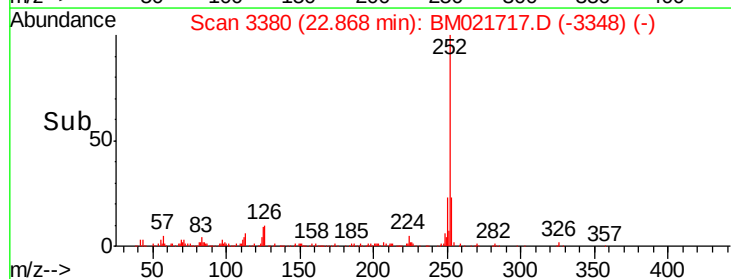
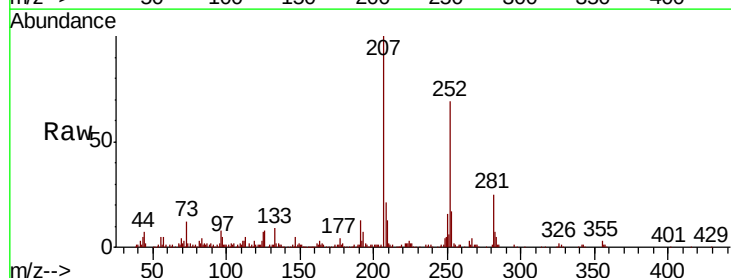
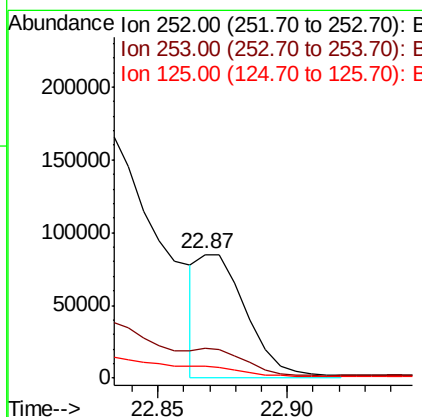
RT: 22.87 min Scan# 3380

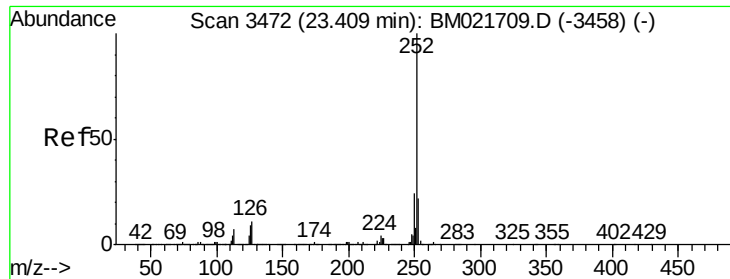
Delta R.T. -0.01 min

Lab File: BM021717.D

Acq: 30 Jul 2019 05:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	9.8	6.3	9.5#





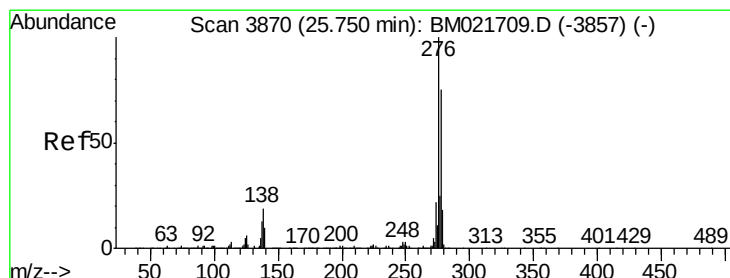
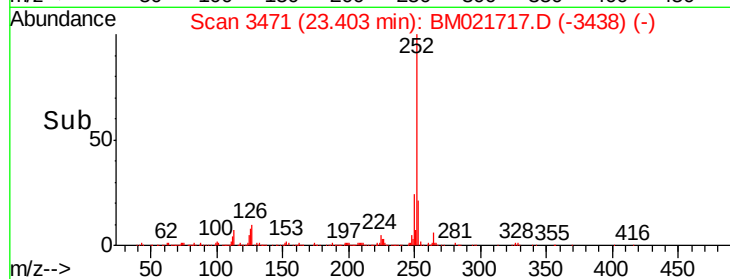
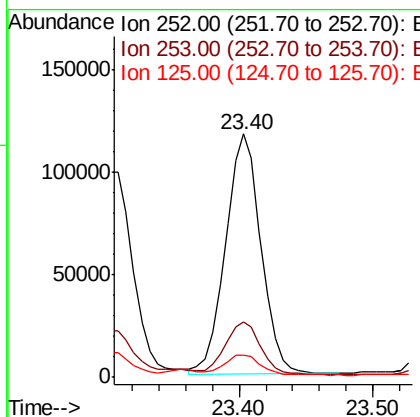
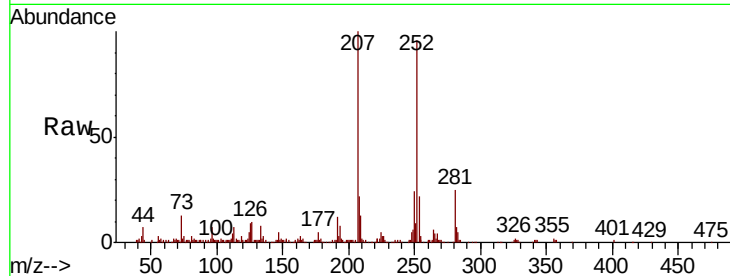
#90
Benzo(a)pyrene
Concen: 4.089 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.2	7.0	10.6

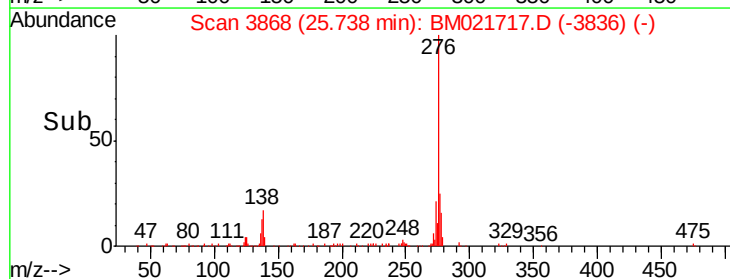
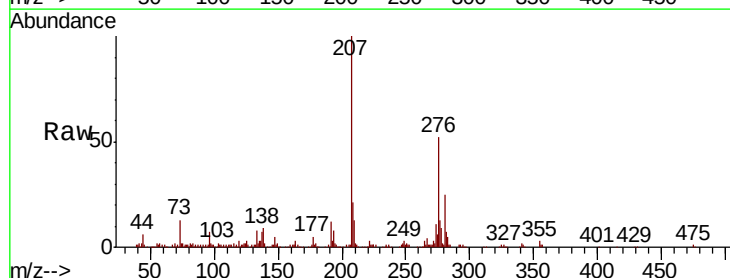
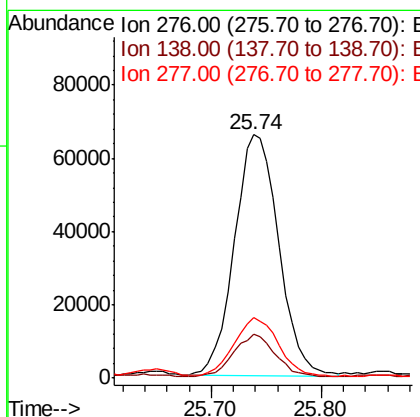
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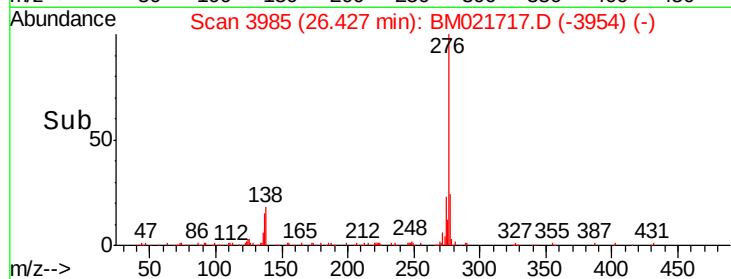
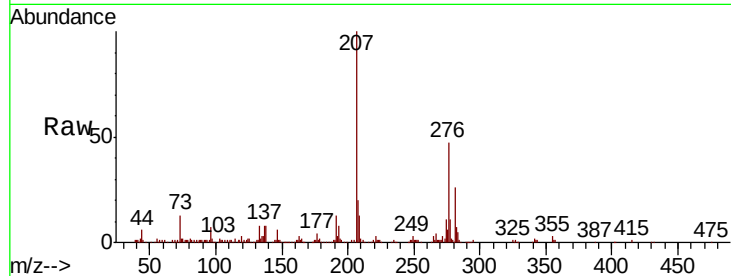
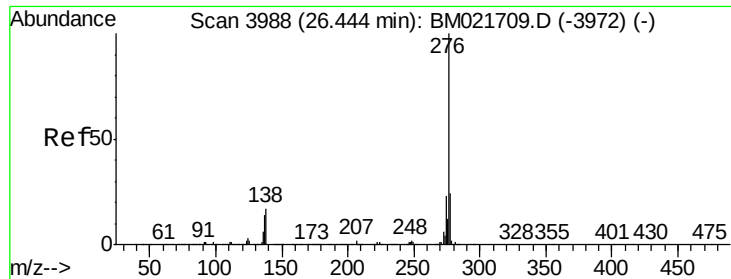
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.029 ng/ul
RT: 25.74 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BM021717.D
Acq: 30 Jul 2019 05:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	14.8	22.2
277	25.0	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 3.673 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. -0.02 min

Lab File: BM021717.D

Acq: 30 Jul 2019 05:28

Instrument :

BNA_M

ClientSampleId :

A52F0MSD

Tot Ion:	276	Resp:	187174
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.1	19.7
277	24.1	19.0	28.6

Manual Integrations
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