

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021682.D
 Acq On : 27 Jul 2019 10:42
 Operator : HP/JU
 Sample : K3893-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP11MSD

Manual Integrations
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Quant Time: Jul 29 05:02:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	165394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	674534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	397386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	735598	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	643827	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	767268	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	21081	6.13	ng/uL	0.00
5) Phenol-d5	6.86	99	428755	34.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	276707	38.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	389675	37.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	339092	32.48	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	205467	40.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	234608	42.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	439103	36.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	358210	31.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1332424	43.44	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1532582	42.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	89932	19.32	ng/ul	0.00
57) Fluorene-d10	15.33	176	1117103	41.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	78019	17.06	ng/ul	0.00
70) Anthracene-d10	17.18	188	1549303	41.86	ng/ul	0.00
78) Pyrene-d10	19.48	212	1518787	42.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1677884	41.33	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.89	94	381649	28.744	ng/ul 97
10) 2-Chlorophenol	7.25	128	346078	31.253	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.49	70	293205	34.415	ng/ul 98
33) 4-Chloro-3-methylphenol	11.76	107	368305	31.059	ng/ul 99
44) Dimethylphthalate	13.79	163	232302	7.297	ng/ul 99
49) Acenaphthene	14.39	153	980857	36.019	ng/ul 100
52) 4-Nitrophenol	14.57	109	79538	18.866	ng/ul 94
54) 2,4-Dinitrotoluene	14.72	165	299276	36.085	ng/ul 86
58) Fluorene	15.38	166	38240	1.195	ng/ul 97
68) Pentachlorophenol	16.73	266	143265	21.310	ng/ul 98
69) Phenanthrene	17.12	178	823029	18.577	ng/ul 100
71) Anthracene	17.21	178	156387	3.446	ng/ul 99
74) Carbazole	17.49	167	83644	2.226	ng/ul 98
76) Fluoranthene	19.14	202	2146696	41.535	ng/ul 100
79) Pyrene	19.51	202	3694910	76.914	ng/ul 99
82) Benzo(a)anthracene	21.26	228	1035813	22.093	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.18	149	70894	3.323	ng/ul# 96
84) Chrysene	21.31	228	1151134	26.043	ng/ul 98
87) Benzo(b)fluoranthene	22.84	252	1613209	30.901	ng/ul 99
88) Benzo(k)fluoranthene	22.88	252	540133m	10.583	ng/ul
90) Benzo(a)pyrene	23.42	252	1052918	21.542	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.75	276	820977	14.484	ng/ul 98
92) Dibenzo(a,h)anthracene	25.76	278	207142	4.395	ng/ul# 88

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(q,h,i)perylene	26.44	276	709113	15.046	ng/ul	100

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

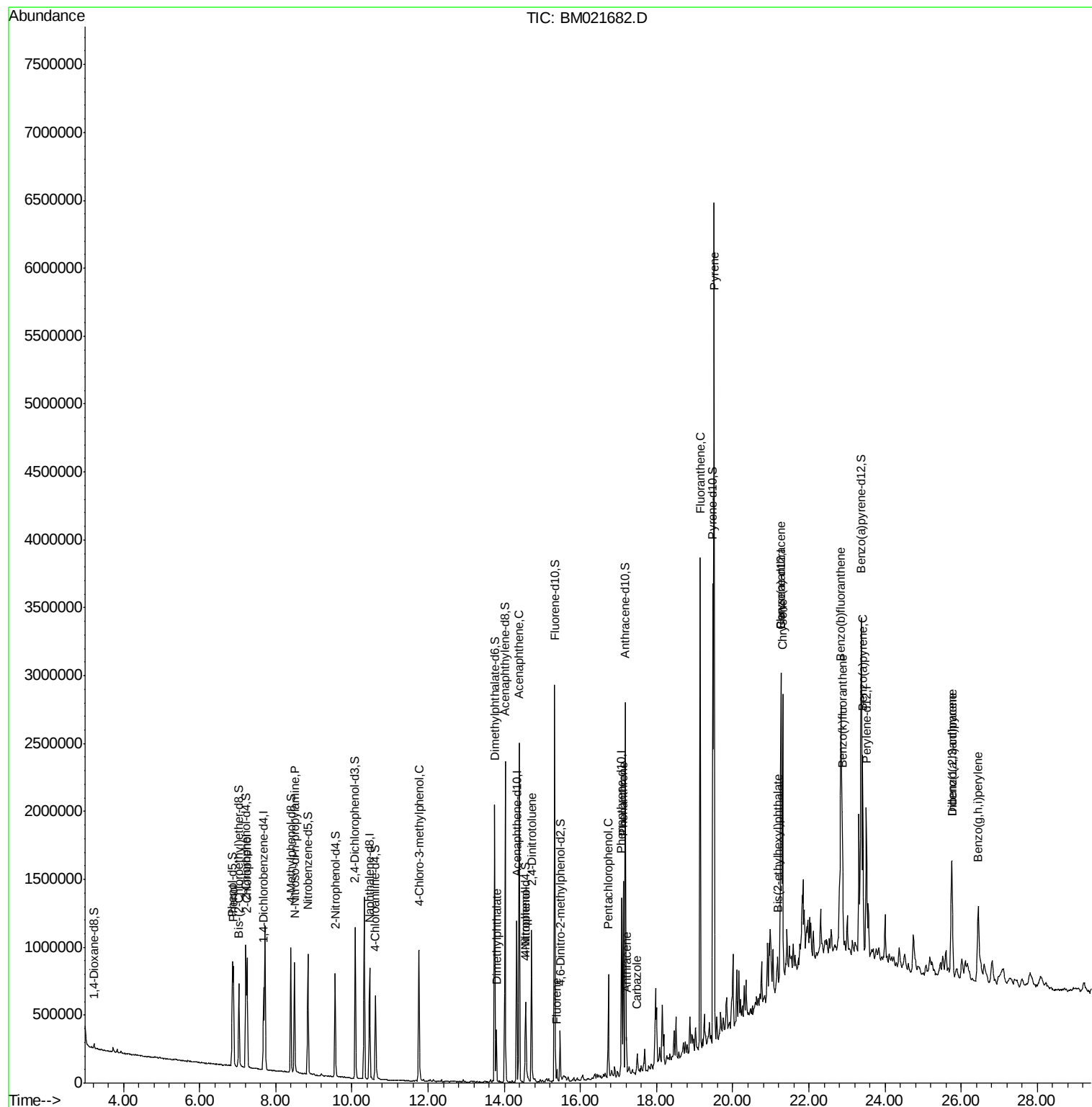
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
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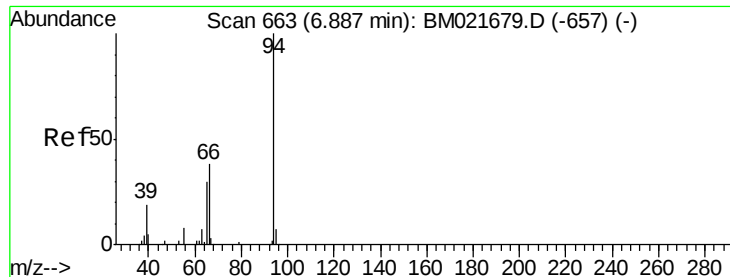
Instrument :
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#6

Phenol

Concen: 28.744 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM021682.D

Acq: 27 Jul 2019 10:42

Instrument :

BNA_M

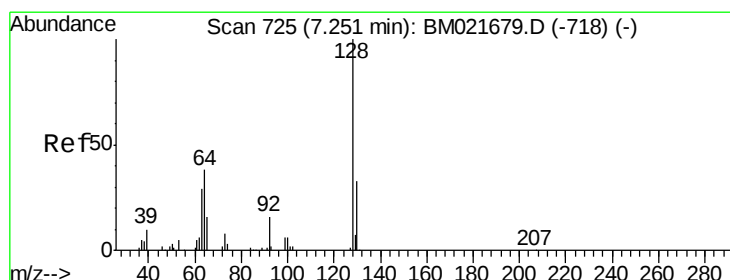
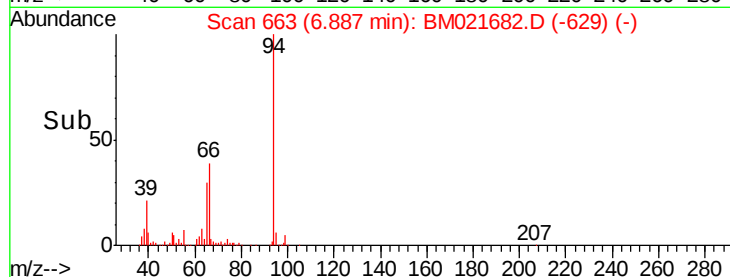
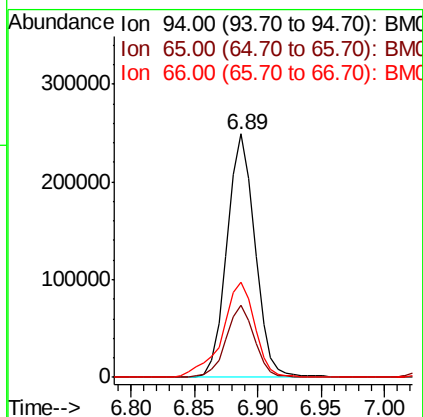
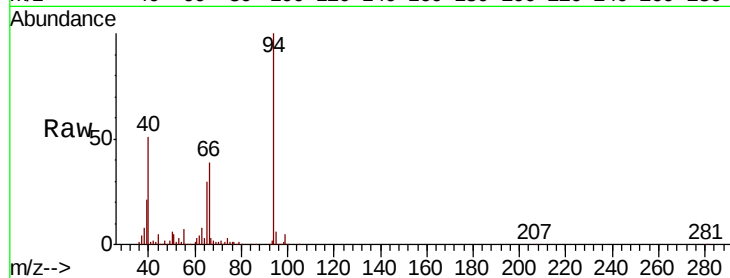
ClientSampleId :

BEP11MSD

Tot Ion:	94	Resp:	381649
Ion	Ratio	Lower	Upper
94	100		
65	29.5	24.8	37.2
66	39.3	33.0	49.4

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#10

2-Chlorophenol

Concen: 31.253 ng/ul

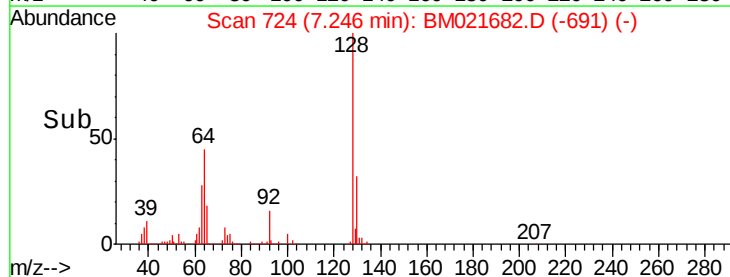
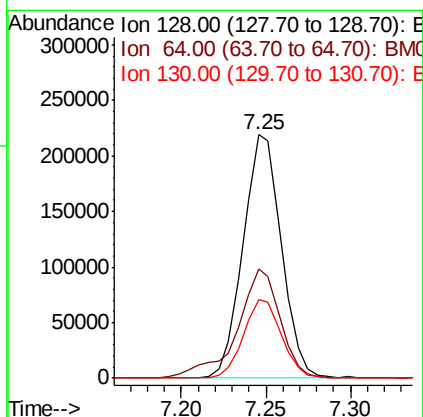
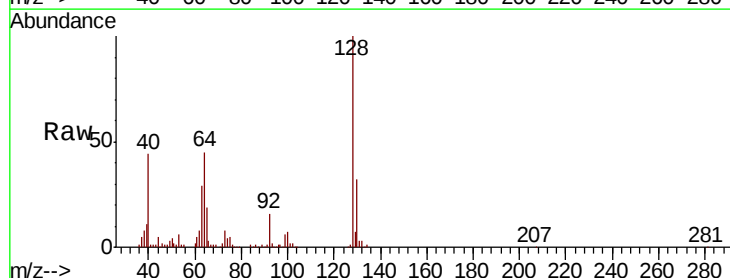
RT: 7.25 min Scan# 724

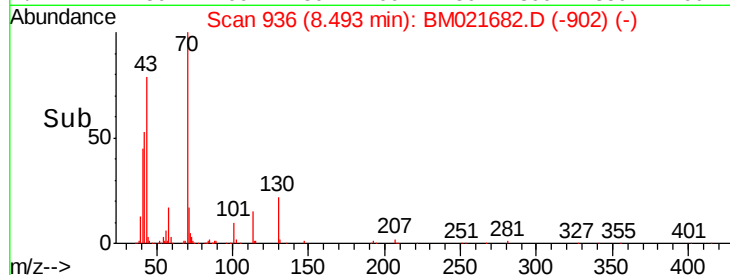
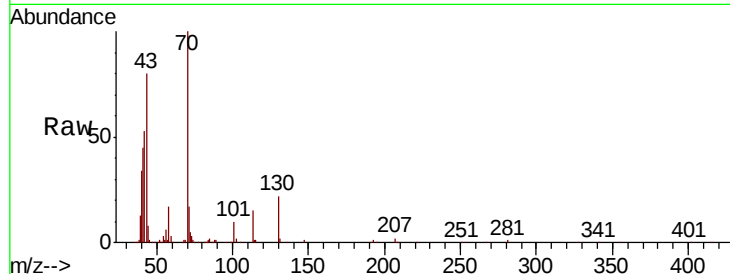
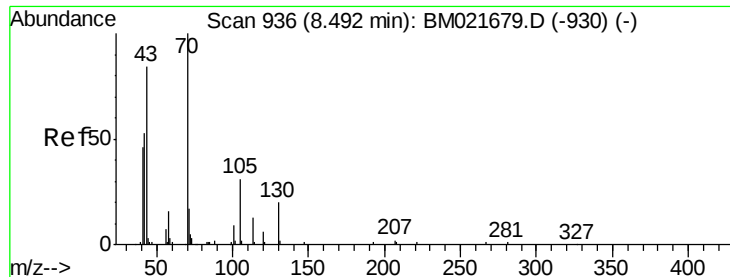
Delta R.T. -0.01 min

Lab File: BM021682.D

Acq: 27 Jul 2019 10:42

Tgt Ion:	128	Resp:	346078
Ion	Ratio	Lower	Upper
128	100		
64	44.8	34.5	51.7
130	32.1	27.6	41.4





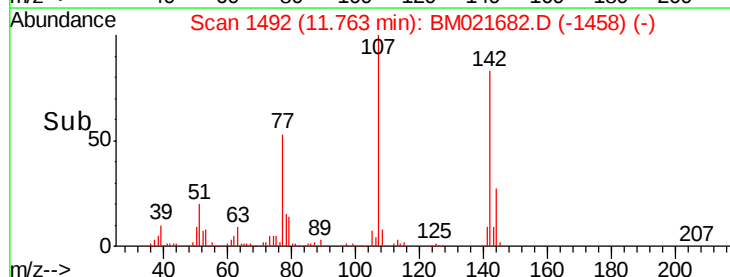
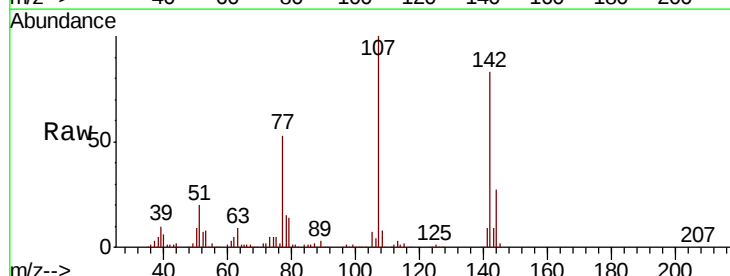
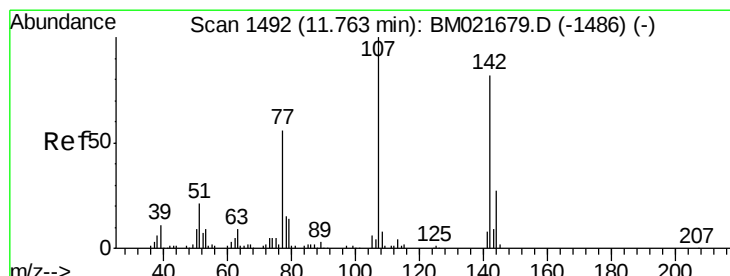
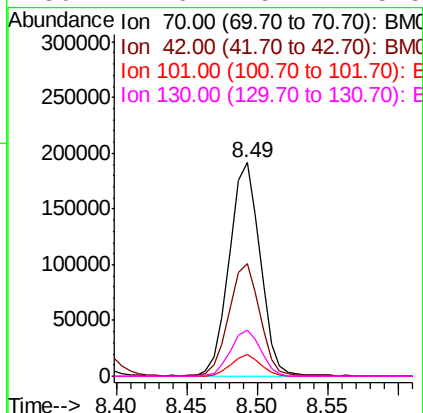
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N-Nitroso-di-n-propylamine
Concen: 34.415 ng/ul
RT: 8.49 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		293205		
42	53.0	43.2	64.8		
101	10.0	7.0	10.6		
130	21.6	15.7	23.5		

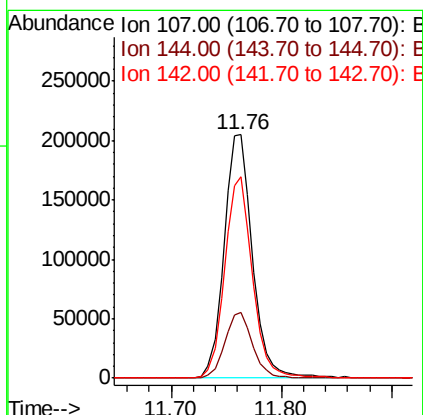
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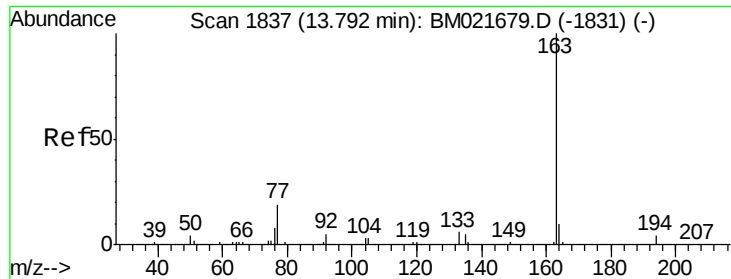
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#33
4-Chloro-3-methylphenol
Concen: 31.059 ng/ul
RT: 11.76 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		368305		
144	26.8	21.3	31.9		
142	82.6	65.1	97.7		





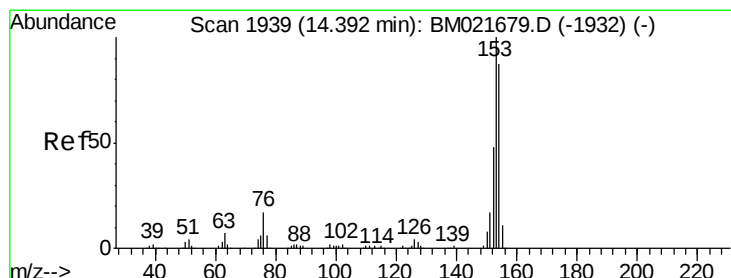
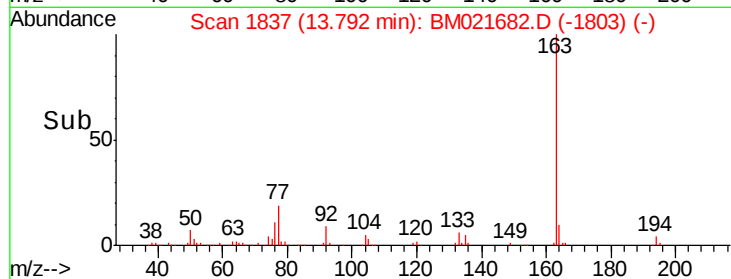
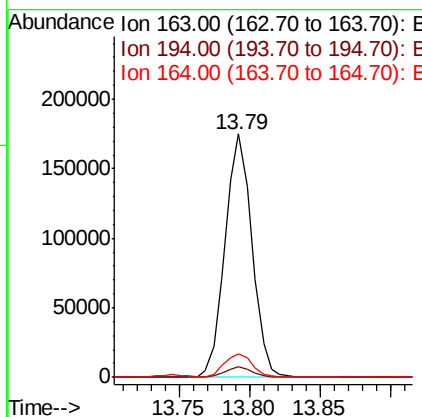
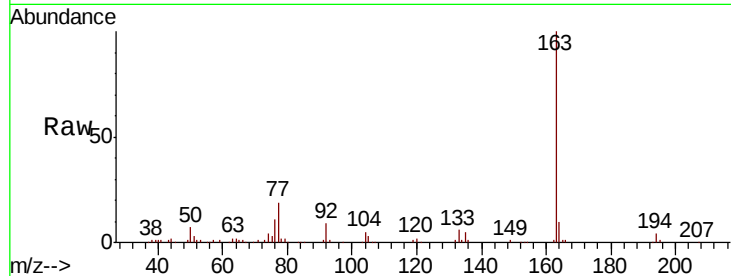
#44
Dimethylphthalate
Concen: 7.297 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Instrument :
BNA_M
ClientSampleId :
BEP11MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.1	12.1

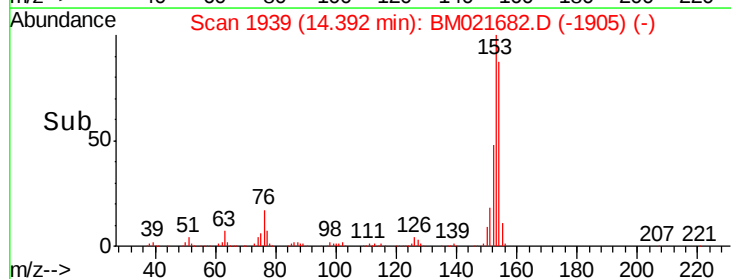
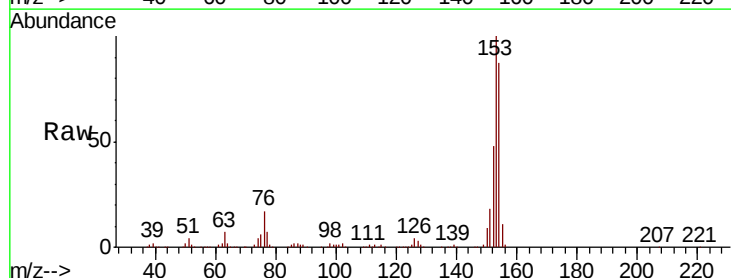
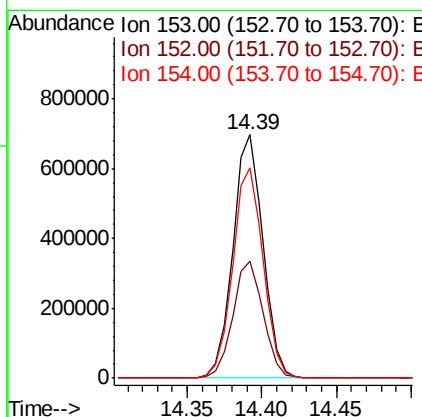
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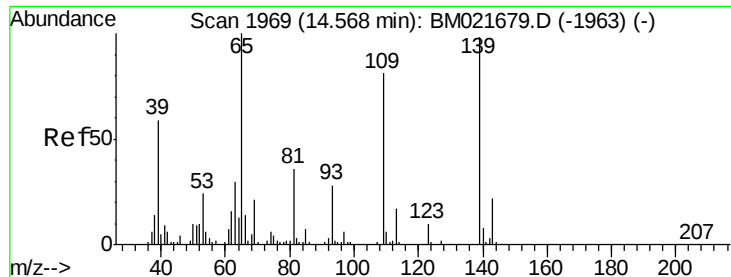
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#49
Acenaphthene
Concen: 36.019 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	48.2	38.7	58.1
154	86.5	69.2	103.8





#52

4-Nitrophenol

Concen: 18.866 ng/ul

RT: 14.57 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BM021682.D

Acq: 27 Jul 2019 10:42

Instrument :

BNA_M

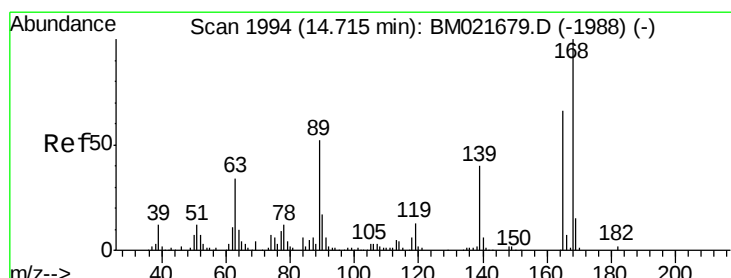
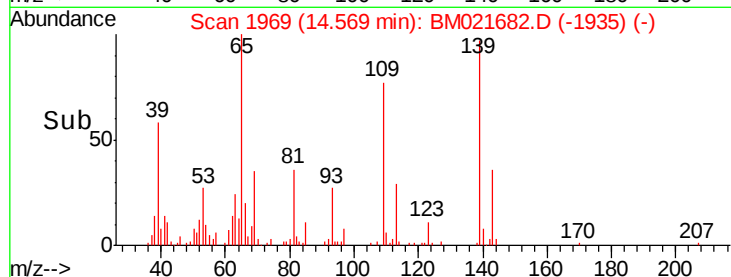
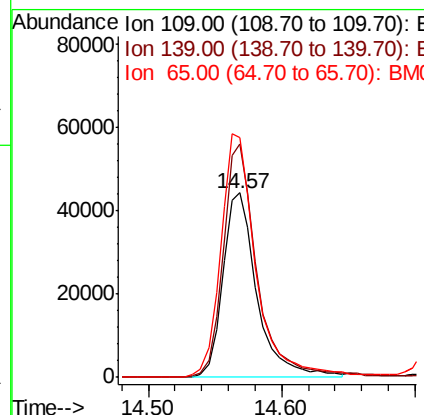
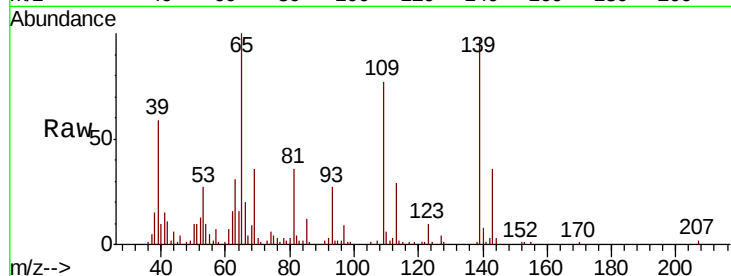
ClientSampleId :

BEP11MSD

Tot Ion:	109	Resp:	79538
Ion Ratio	Lower	Upper	
109	100		
139	126.7	96.6	144.8
65	130.4	97.8	146.6

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#54

2,4-Dinitrotoluene

Concen: 36.085 ng/ul

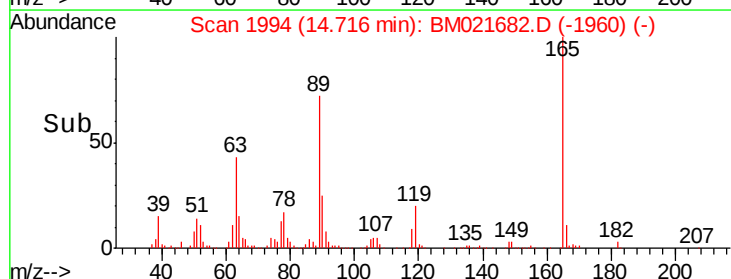
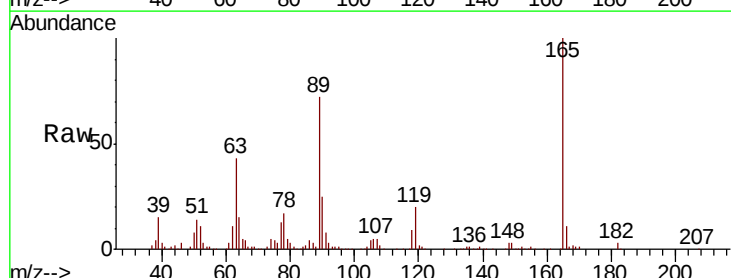
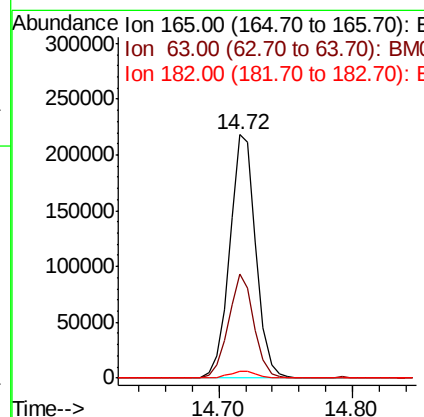
RT: 14.72 min Scan# 1994

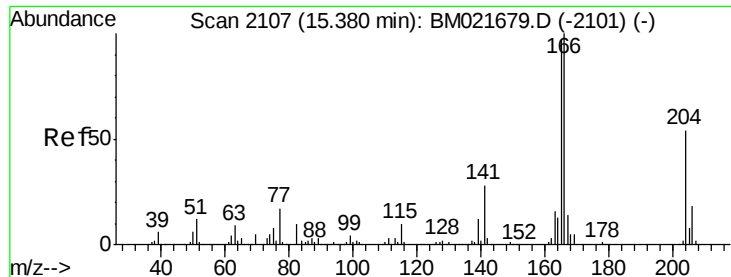
Delta R.T. 0.00 min

Lab File: BM021682.D

Acq: 27 Jul 2019 10:42

Tgt Ion:	165	Resp:	299276
Ion Ratio	Lower	Upper	
165	100		
63	42.8	42.7	64.1
182	2.9	2.3	3.5





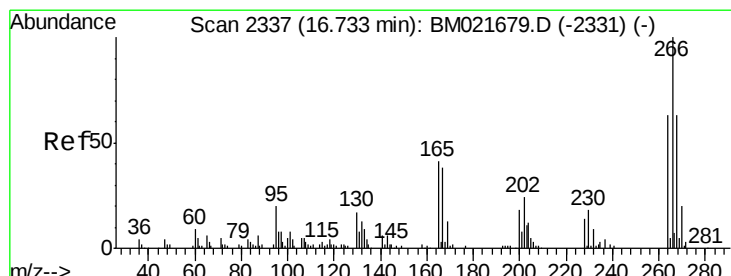
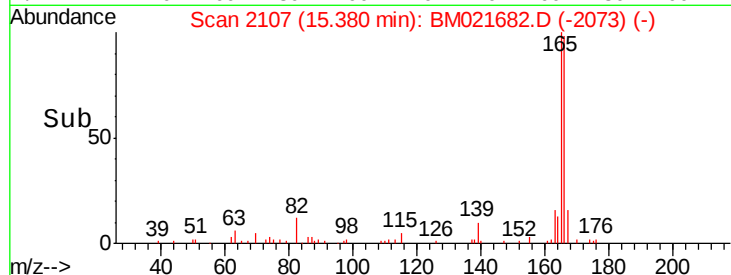
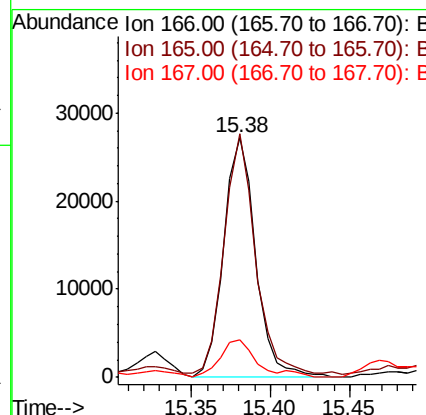
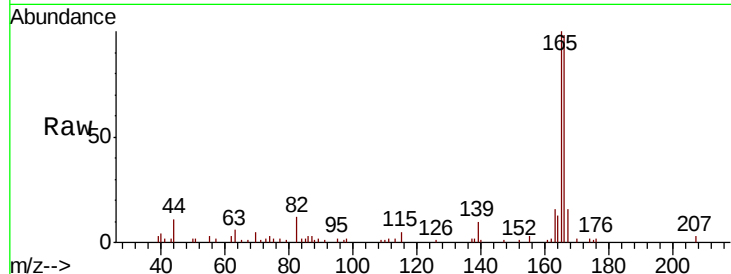
#58
 Fluorene
 Concen: 1.195 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM021682.D
 Acq: 27 Jul 2019 10:42

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.6	79.0	118.6		
167	15.9	10.8	16.2		

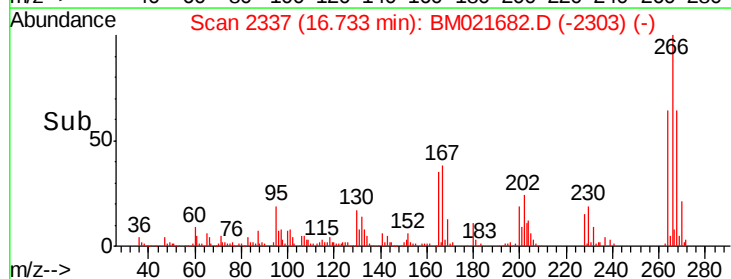
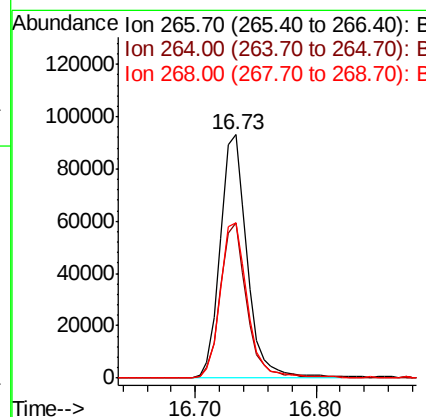
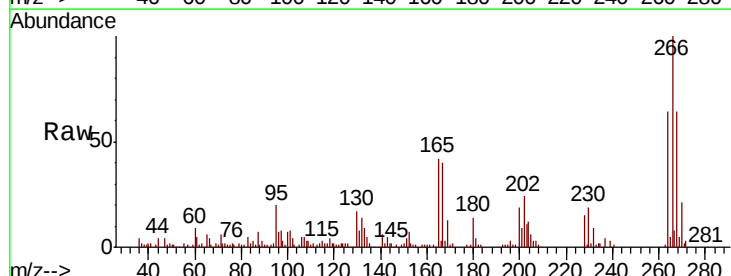
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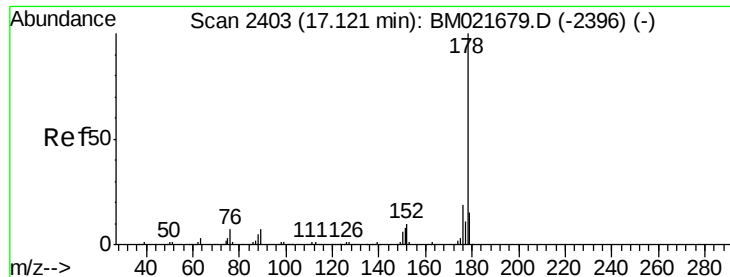
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#68
 Pentachlorophenol
 Concen: 21.310 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BM021682.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100				
264	63.6	48.2	72.2		
268	64.0	51.0	76.6		





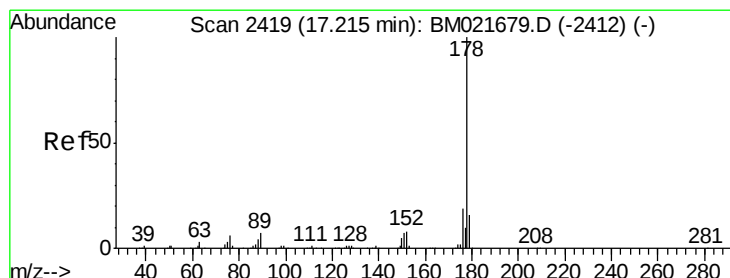
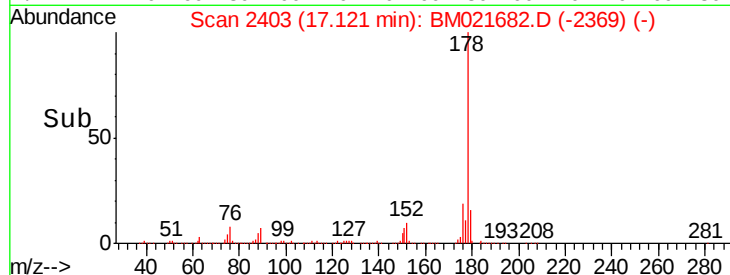
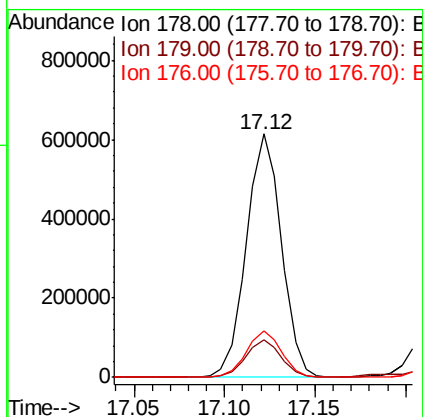
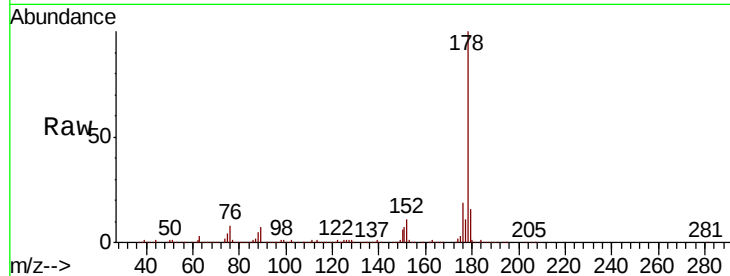
#69
Phenanthrene
Concen: 18.577 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.2	15.4	23.2

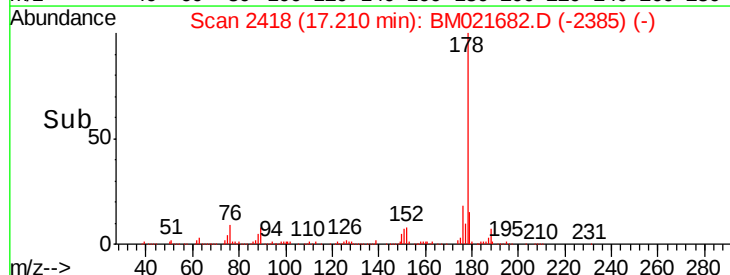
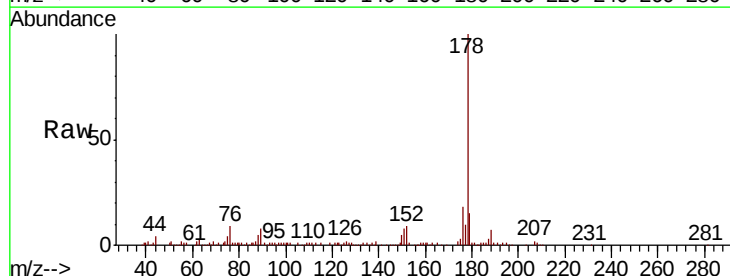
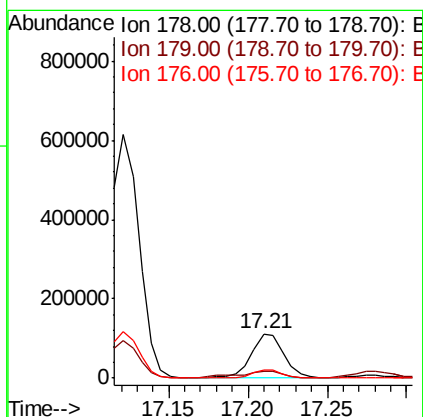
Manual Integrations
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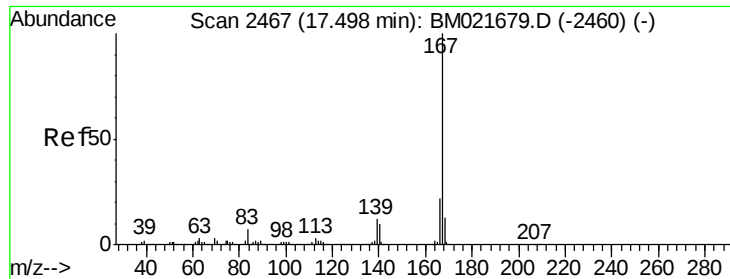
mohammad
7/29/2019 2:29:36 PM



#71
Anthracene
Concen: 3.446 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.8	14.8	22.2





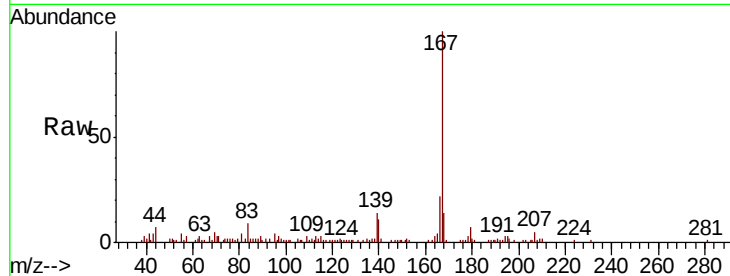
#74
 Carbazole
 Concen: 2.226 ng/ul
 RT: 17.49 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BM021682.D
 Acq: 27 Jul 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 BEP11MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.4
139	13.7	10.0	15.0

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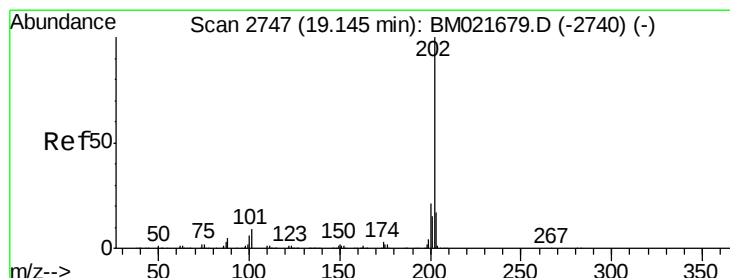
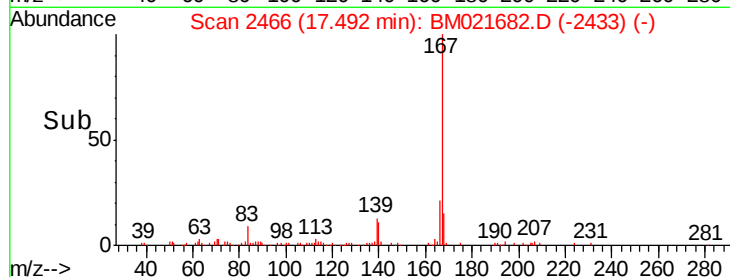
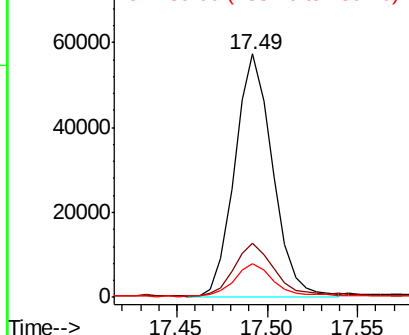


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76
 Fluoranthene
 Concen: 41.535 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BM021682.D
 Acq: 27 Jul 2019 10:42

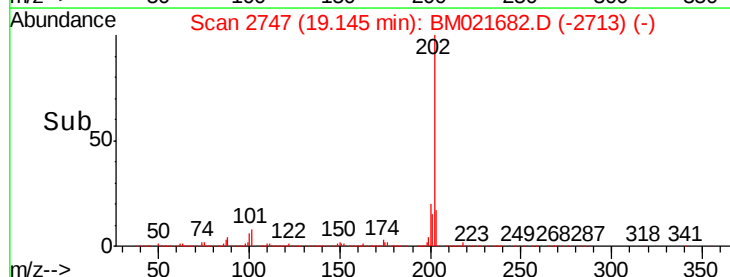
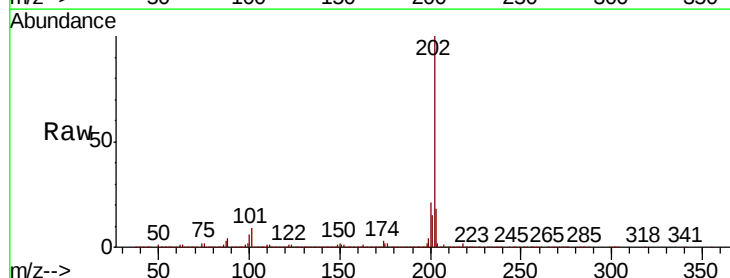
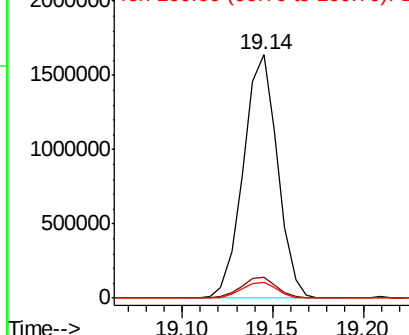
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	6.5	5.1	7.7

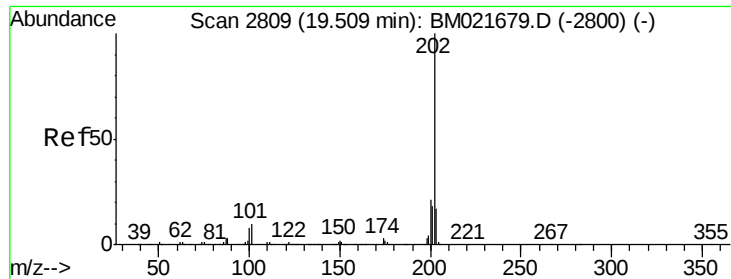
Abundance

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





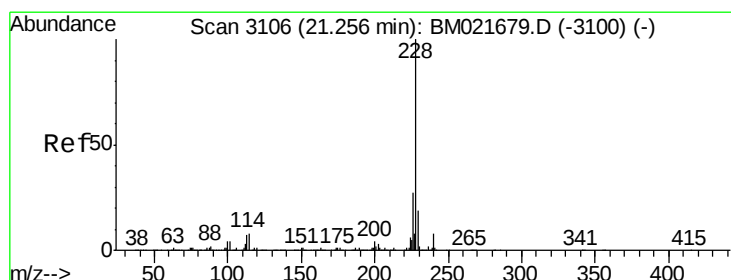
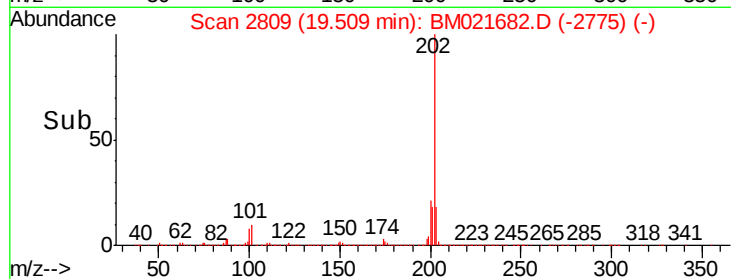
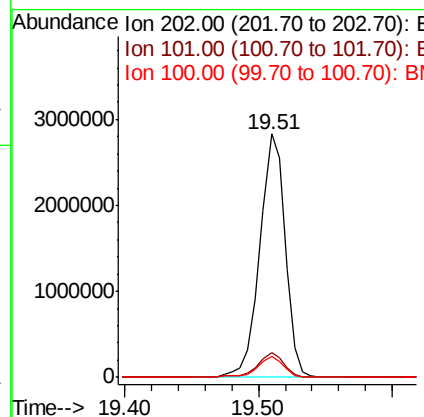
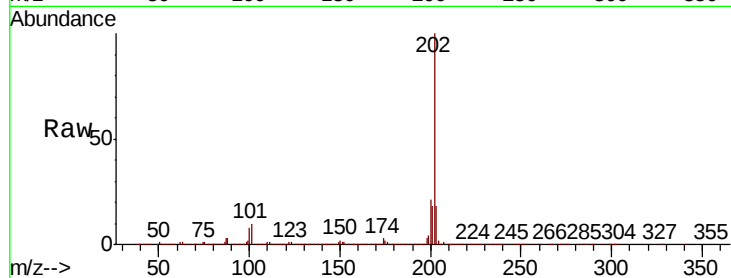
#79
Pvrene
Concen: 76.914 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Instrument :
BNA_M
ClientSampleId :
BEP11MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.2
100	8.3	7.0	10.4

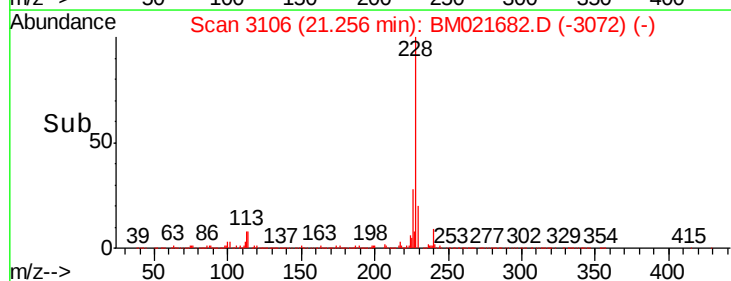
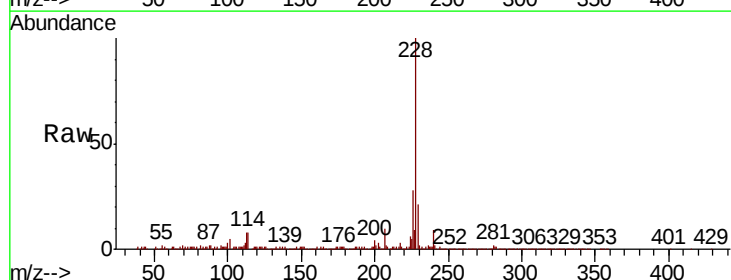
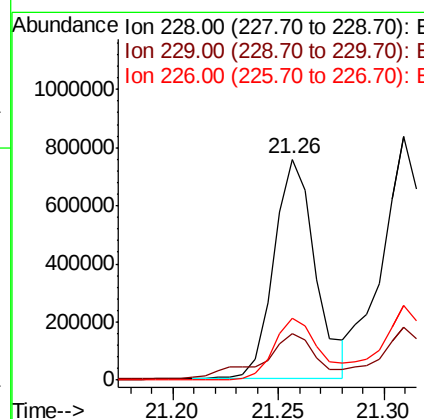
Manual Integrations
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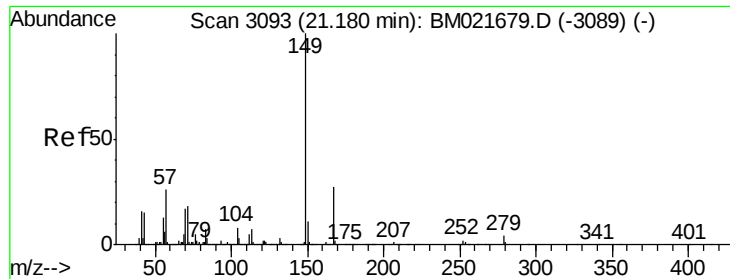
mohammad
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#82
Benzo(a)anthracene
Concen: 22.093 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	28.1	21.4	32.2





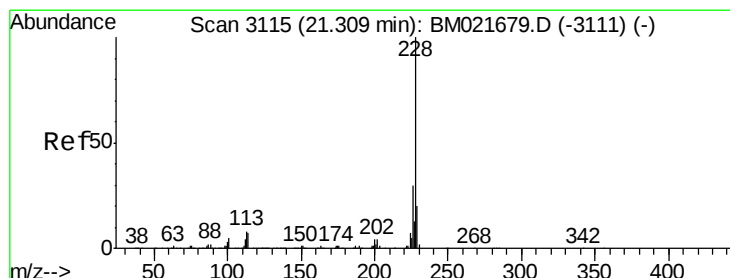
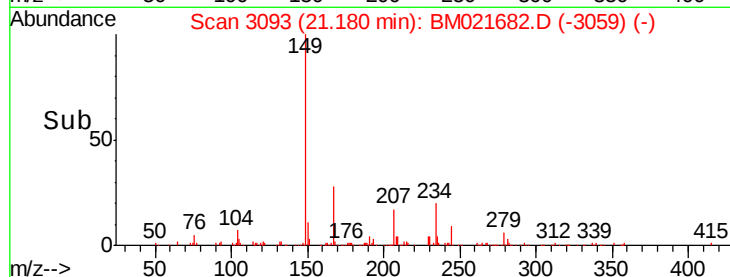
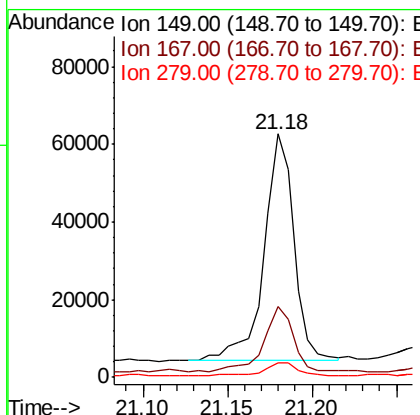
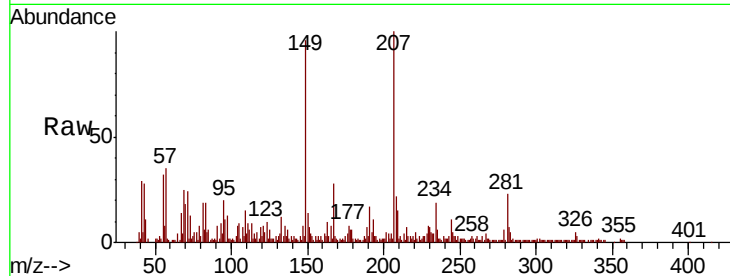
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.323 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Instrument :
BNA_M
ClientSampleId :
BEP11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.6	32.4
279	6.2	3.8	5.6

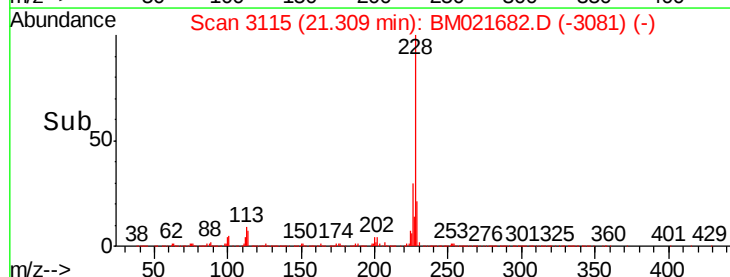
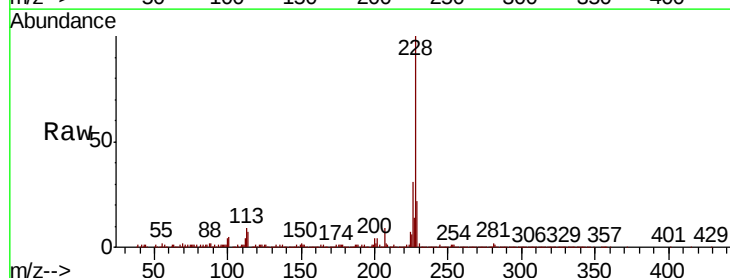
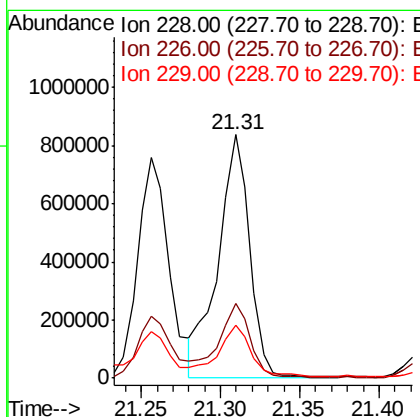
Manual Integrations
APPROVED

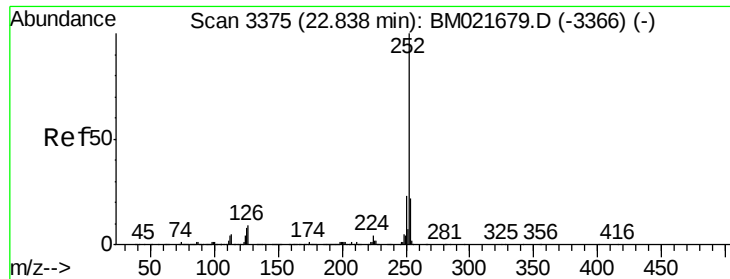
mohammad
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#84
Chrysene
Concen: 26.043 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.6	15.7	23.5





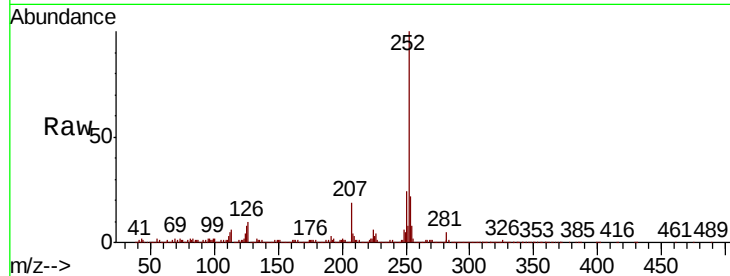
#87
Benzo(b)fluoranthene
Concen: 30.901 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Instrument :
BNA_M
ClientSampleId :
BEP11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	8.2	6.3	9.5

Manual Integrations
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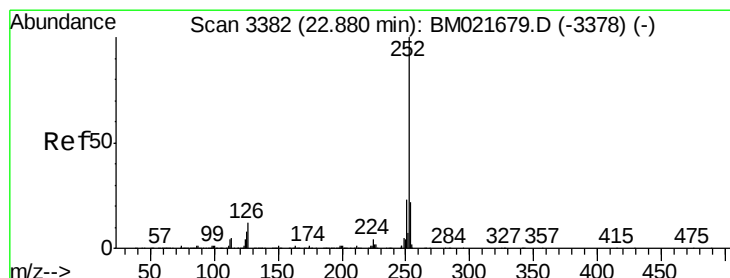
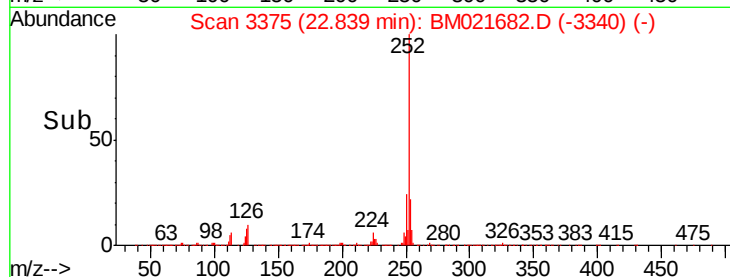
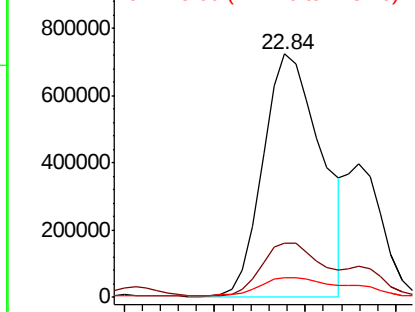


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 10.583 ng/ul m
RT: 22.88 min Scan# 3382
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

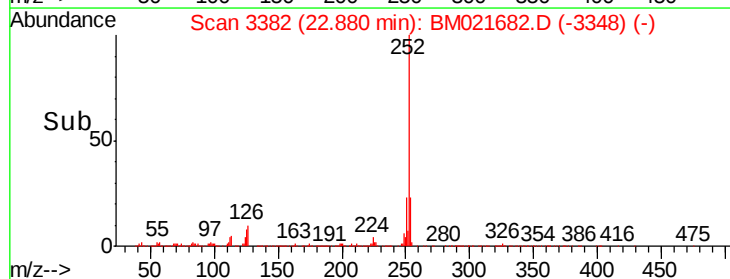
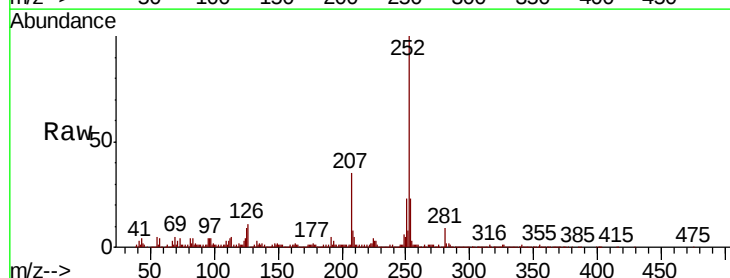
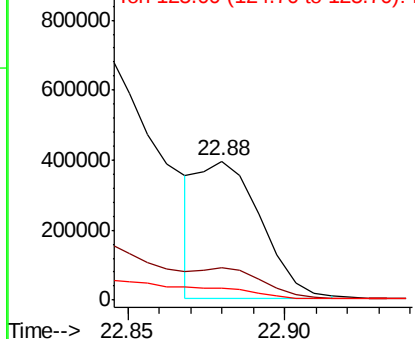
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	8.8	6.3	9.5

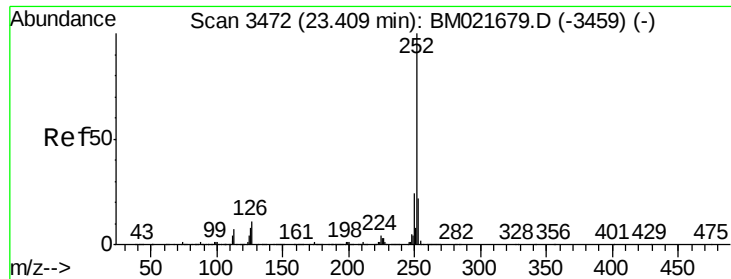
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 21.542 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.01 min

Lab File: BM021682.D

Acq: 27 Jul 2019 10:42

Instrument :

BNA_M

ClientSampleId :

BEP11MSD

Tot Ion:252 Resp: 1052918

Ion Ratio Lower Upper

252 100

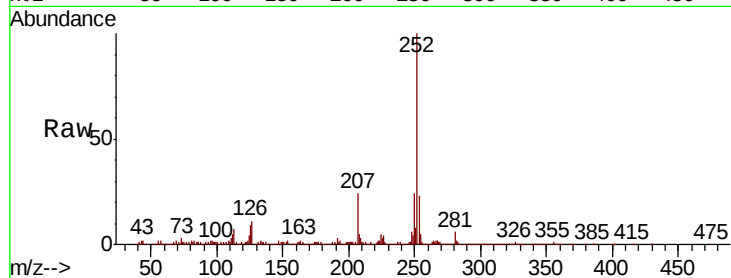
253 22.6 17.5 26.3

125 8.6 7.0 10.6

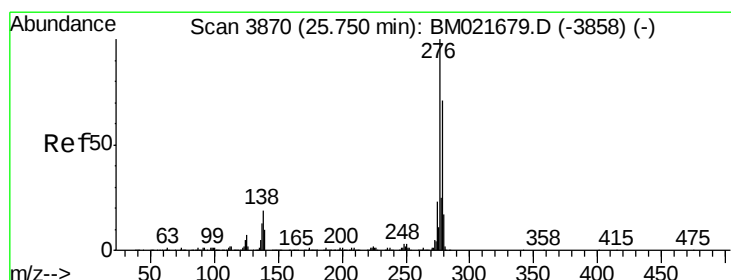
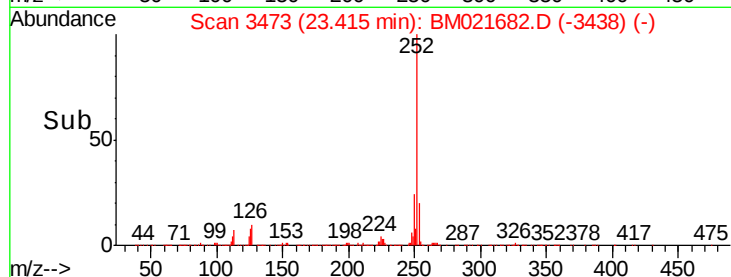
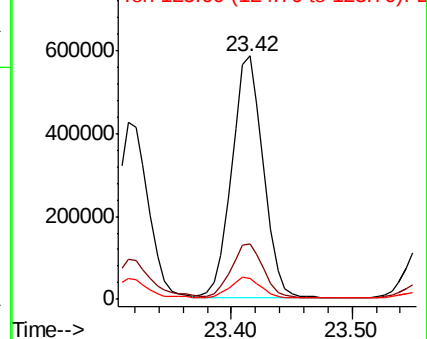
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 14.484 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. 0.00 min

Lab File: BM021682.D

Acq: 27 Jul 2019 10:42

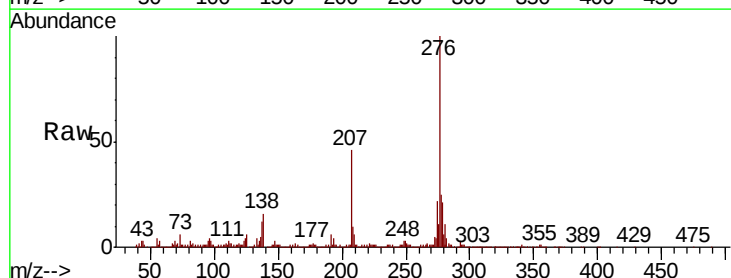
Tgt Ion:276 Resp: 820977

Ion Ratio Lower Upper

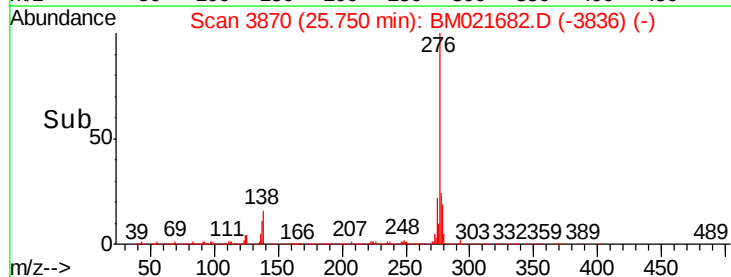
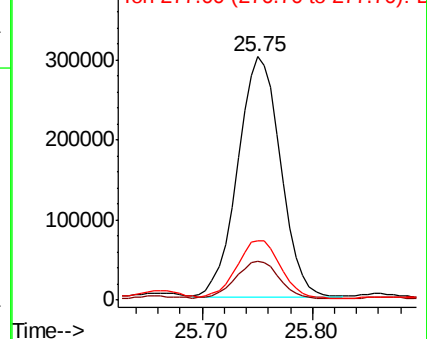
276 100

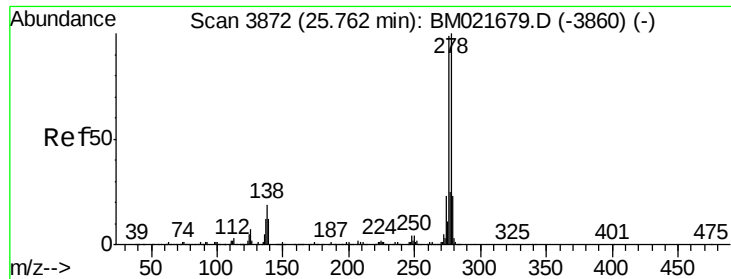
138 16.0 14.8 22.2

277 24.6 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#92

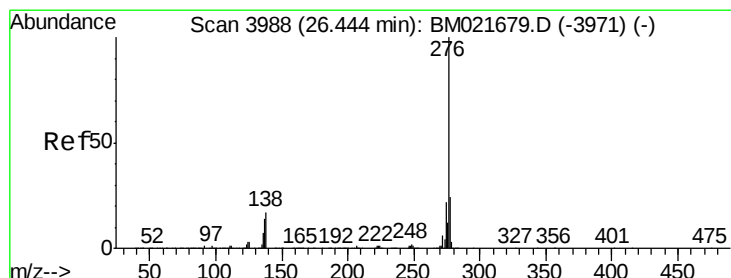
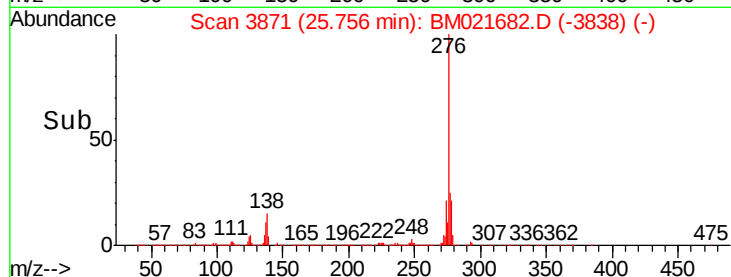
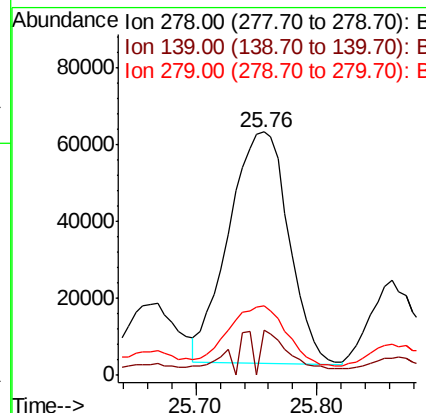
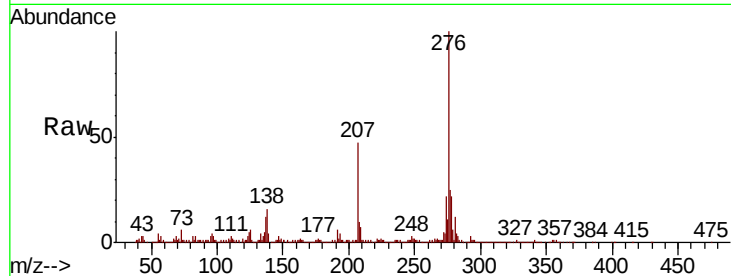
Dibenzo(a,h)anthracene
Concen: 4.395 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Instrument :
BNA_M
ClientSampleId :
BEP11MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	9.6	14.4#
279	28.5	19.2	28.8

Manual Integrations
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#93

Benzo(g,h,i)perylene
Concen: 15.046 ng/ul
RT: 26.44 min Scan# 3988
Delta R.T. 0.00 min
Lab File: BM021682.D
Acq: 27 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.1	19.7
277	24.1	19.0	28.6

