

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
 Data File : BM022821.D
 Acq On : 30 Sep 2019 12:38
 Operator : JU
 Sample : K4958-13MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNZ3MSD

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:20:53 AM

Quant Time: Oct 01 00:00:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	271904	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1197109	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	766955	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1610240	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1502303	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1330725	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	15785	2.51	ng/uL	0.00
5) Phenol-d5	6.97	99	326448	13.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	203396	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	288124	14.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	241814	12.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	142257	15.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	152761	15.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	289593	14.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	382130	15.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	967960	16.26	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1112269	16.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	143759	12.22	ng/ul	0.00
58) Fluorene-d10	15.43	176	843943	16.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	97690	9.32	ng/ul	0.00
71) Anthracene-d10	17.28	188	1283743	16.33	ng/ul	0.00
79) Pyrene-d10	19.57	212	1560772	19.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1212861	17.62	ng/ul	-0.01

Target Compounds

					Qvalue
6) Phenol	7.00	94	378550	15.031	ng/ul 99
10) 2-Chlorophenol	7.37	128	287566	13.857	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	229927	14.888	ng/ul 99
33) 4-Chloro-3-methylphenol	11.87	107	297716	14.224	ng/ul 99
45) Dimethylphthalate	13.90	163	248940	4.071	ng/ul 99
50) Acenaphthene	14.51	153	808759	15.649	ng/ul 99
53) 4-Nitrophenol	14.65	109	114036	13.267	ng/ul 99
55) 2,4-Dinitrotoluene	14.80	165	273899	15.227	ng/ul 97
69) Pentachlorophenol	16.83	266	170500	12.134	ng/ul 99
70) Phenanthrene	17.22	178	143742	1.496	ng/ul 99
77) Fluoranthene	19.24	202	516718	4.781	ng/ul 99
80) Pyrene	19.60	202	2418604	22.711	ng/ul 99
83) Benzo(a)anthracene	21.34	228	172485	1.599	ng/ul 98
85) Chrysene	21.40	228	245918	2.473	ng/ul 99
88) Benzo(b)fluoranthene	22.95	252	332759	3.768	ng/ul# 96
89) Benzo(k)fluoranthene	22.99	252	91598m	1.084	ng/ul
91) Benzo(a)pyrene	23.53	252	180382	2.177	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.93	276	150392	1.709	ng/ul 95
94) Benzo(g,h,i)perylene	26.63	276	152500	2.148	ng/ul 99

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

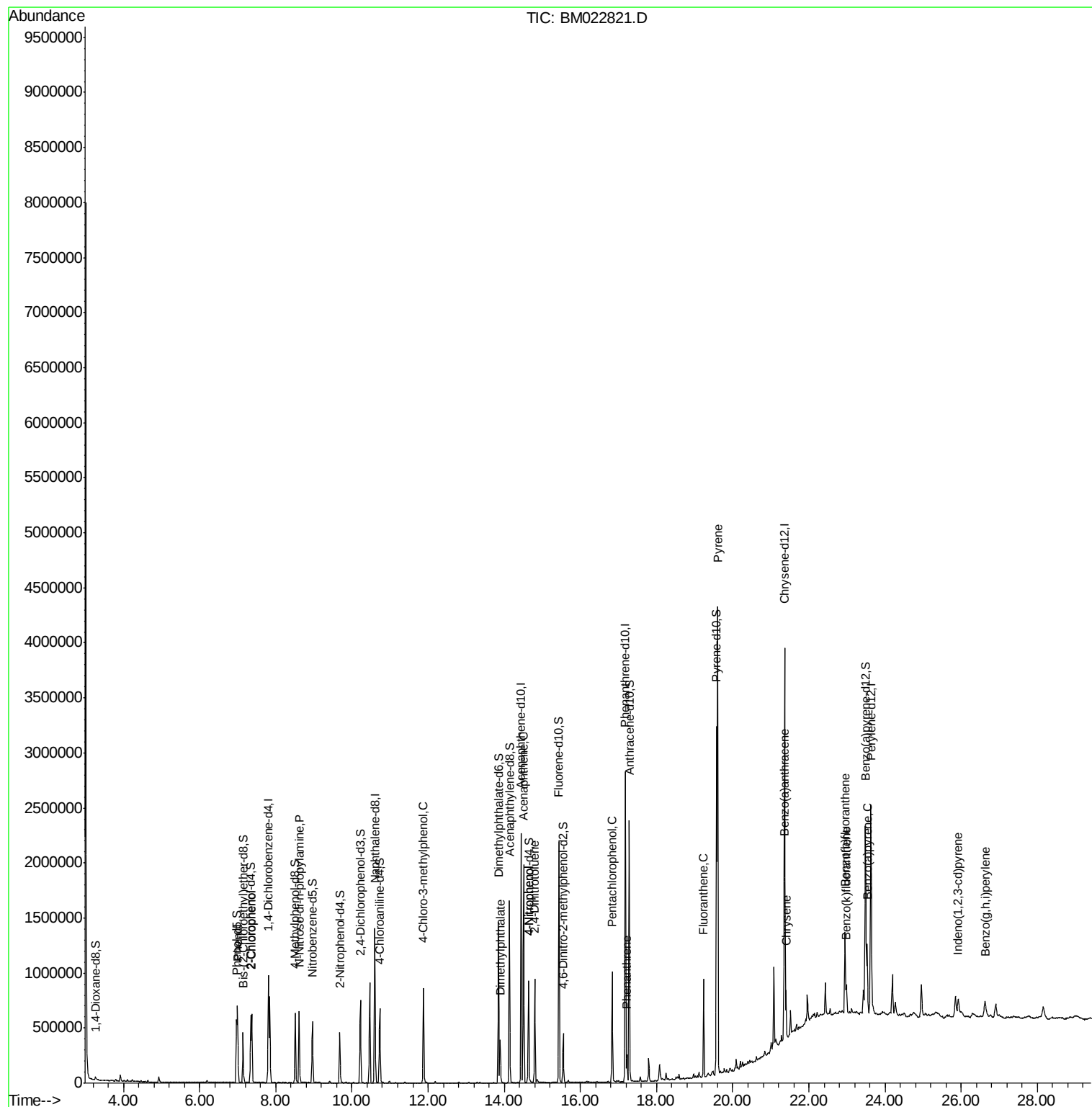
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022821.D
Acq On : 30 Sep 2019 12:38
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ALS Vial : 6 Sample Multiplier: 1

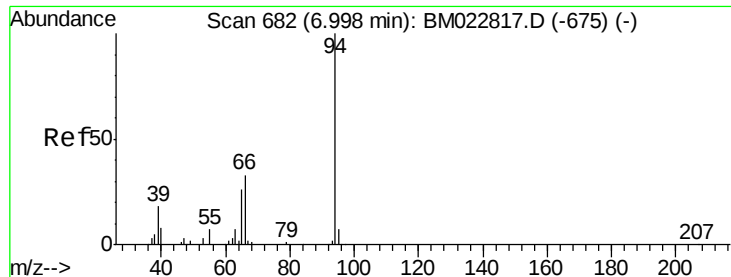
Instrument :
BNA_M
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Quant Time: Oct 01 00:00:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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#6

Phenol

Concen: 15.031 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Instrument :

BNA_M

ClientSampleId :

ESNZ3MSD

Tgt Ion: 94 Resp: 378550

Ion Ratio Lower Upper

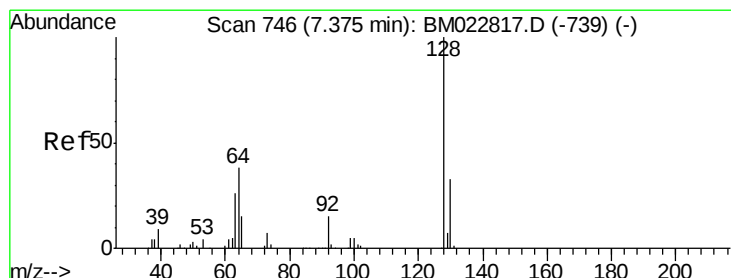
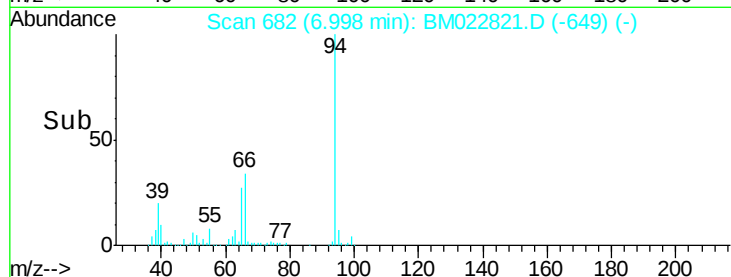
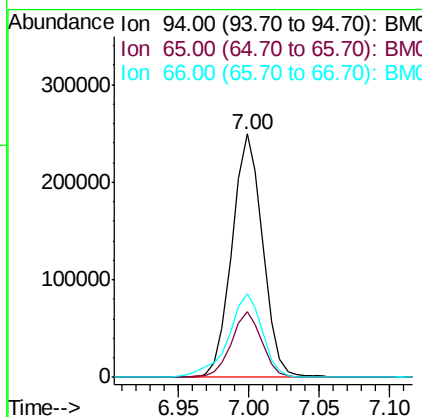
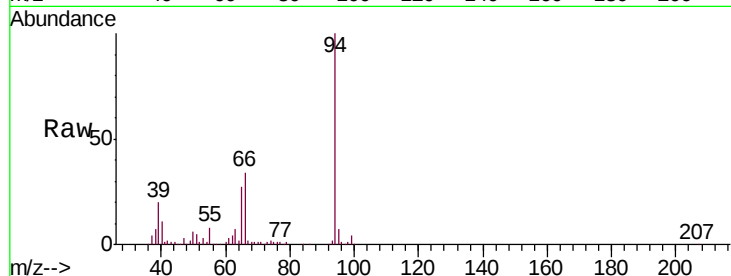
94 100

65 26.8 20.9 31.3

66 34.3 27.2 40.8

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#10

2-Chlorophenol

Concen: 13.857 ng/ul

RT: 7.37 min Scan# 746

Delta R.T. 0.00 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

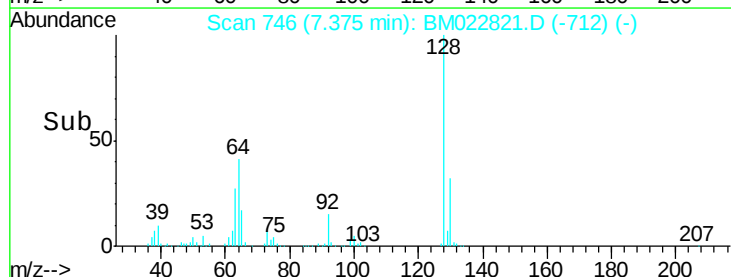
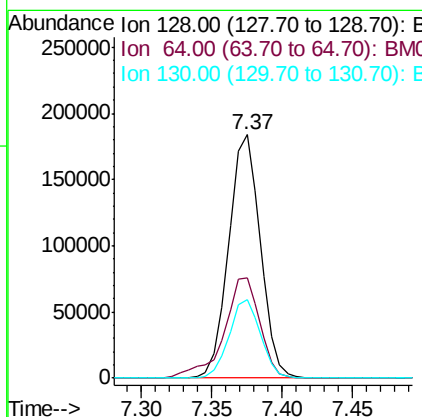
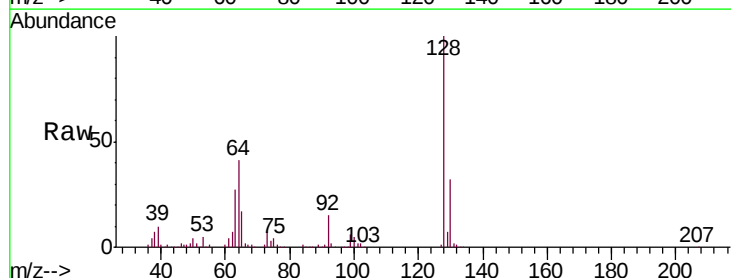
Tgt Ion: 128 Resp: 287566

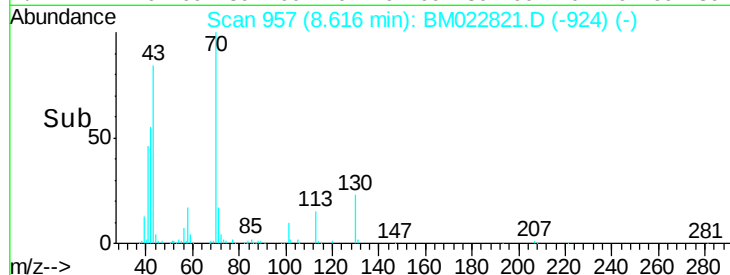
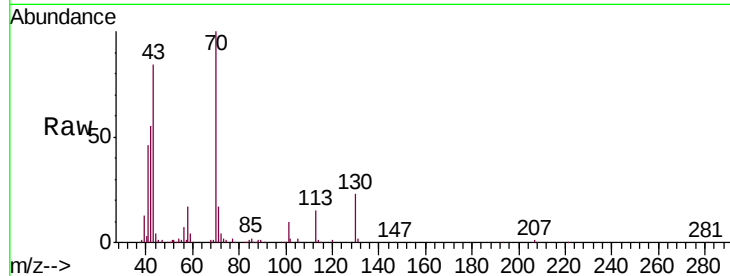
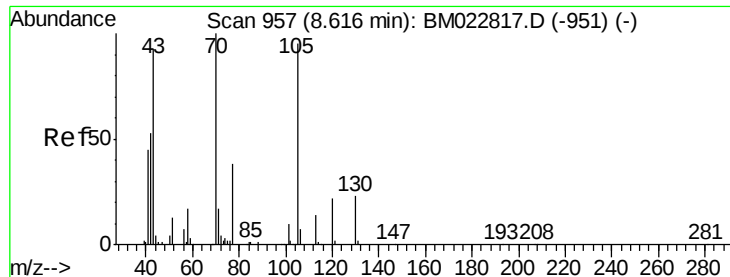
Ion Ratio Lower Upper

128 100

64 41.3 34.1 51.1

130 32.5 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 14.888 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Instrument :

BNA_M

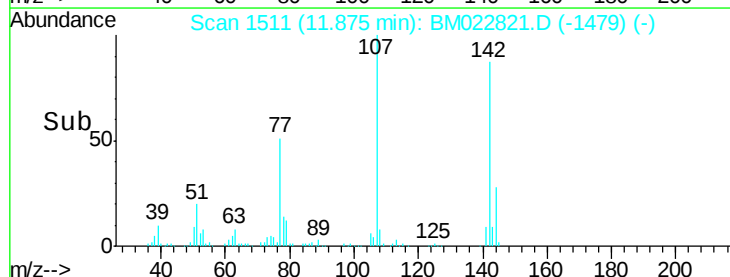
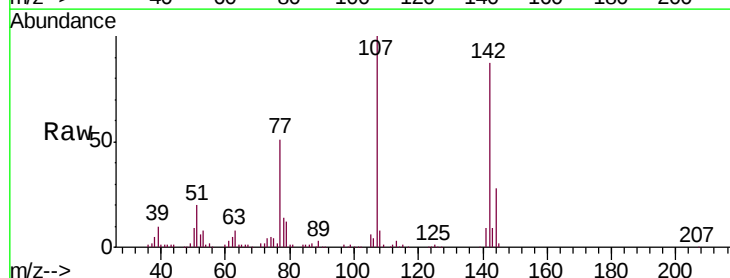
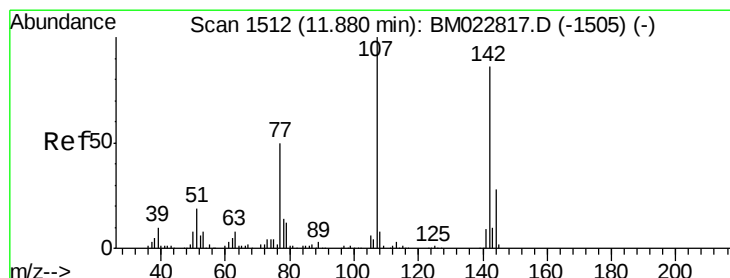
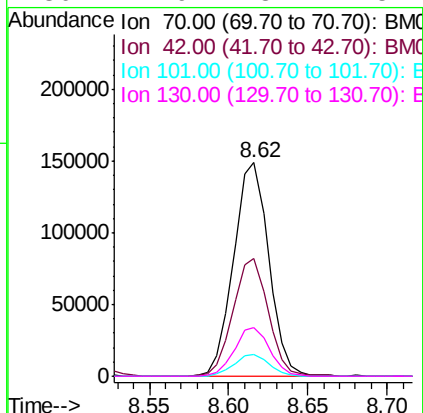
ClientSampleId :

ESNZ3MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.1	44.6	66.8
101	10.4	8.2	12.2
130	22.9	18.7	28.1

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#33

4-Chloro-3-methylphenol

Concen: 14.224 ng/ul

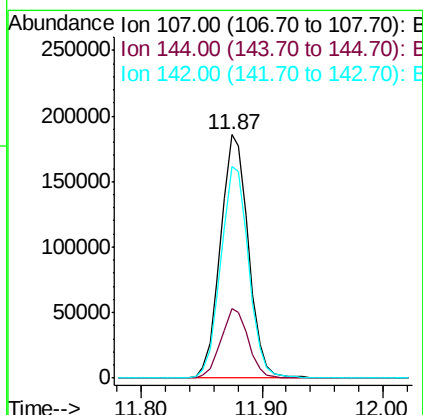
RT: 11.87 min Scan# 1511

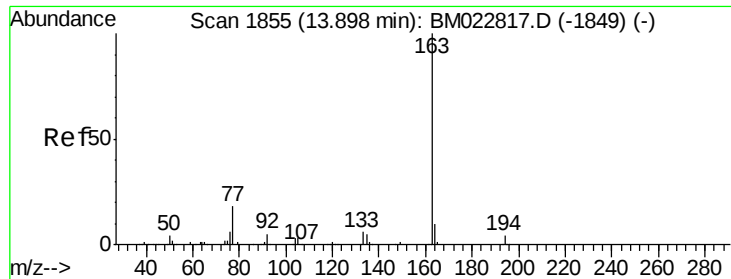
Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.5	33.7
142	86.9	68.9	103.3





#45

Dimethylphthalate

Concen: 4.071 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Instrument :

BNA_M

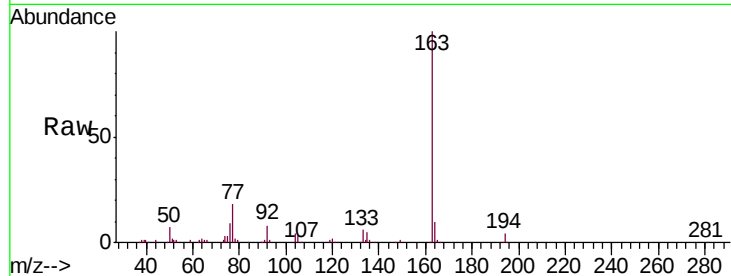
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ESNZ3MSD

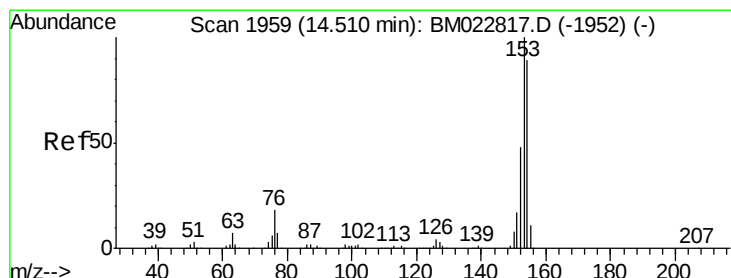
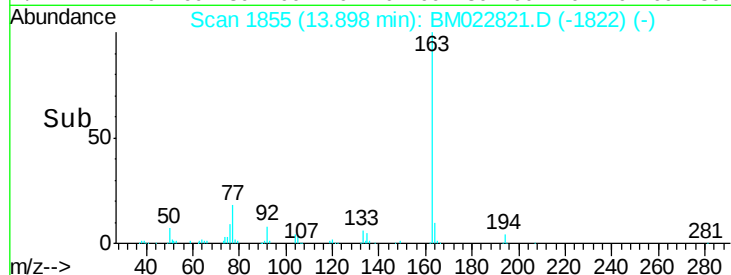
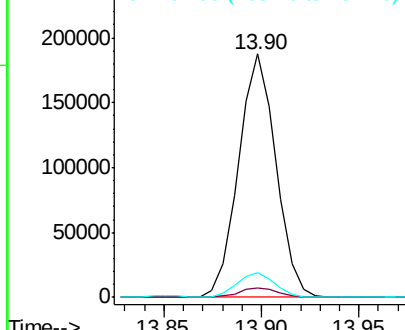
Tgt Ion:	163	Resp:	248940
Ion Ratio		Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.9	8.1	12.1

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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: 15.649 ng/ul

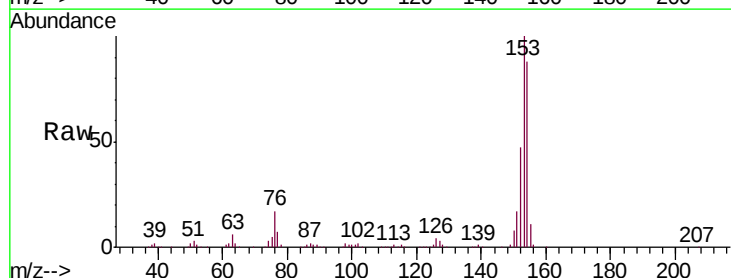
RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

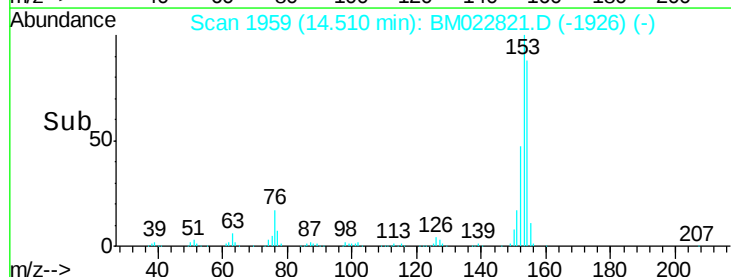
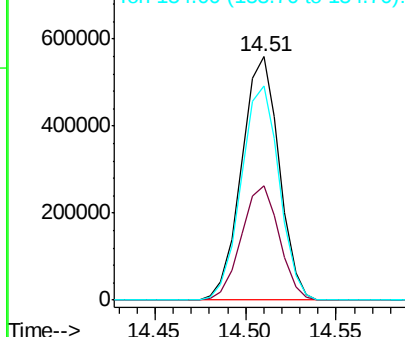
Lab File: BM022821.D

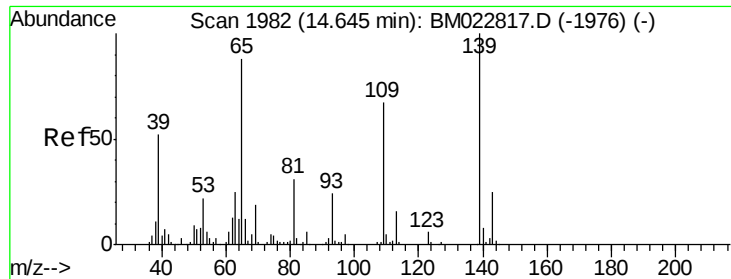
Acq: 30 Sep 2019 12:38

Tgt Ion:	153	Resp:	808759
Ion Ratio		Lower	Upper
153	100		
152	46.7	38.1	57.1
154	88.1	71.1	106.7



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





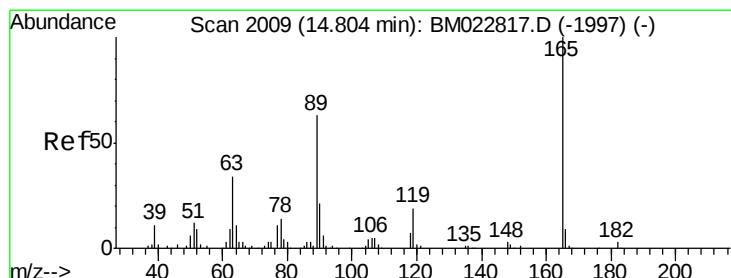
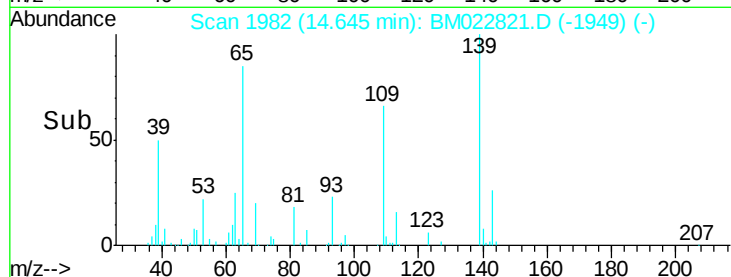
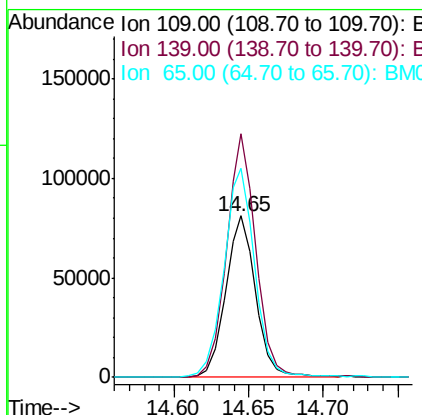
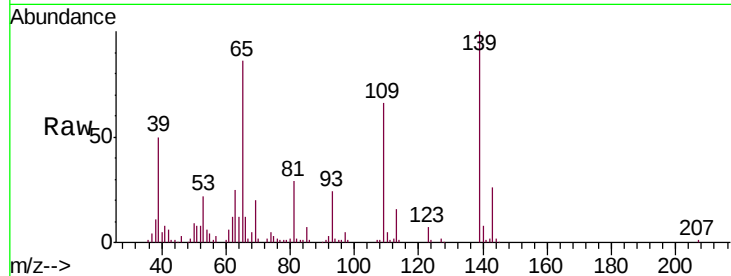
#53
4-Nitrophenol
Concen: 13.267 ng/ul
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM022821.D
Acq: 30 Sep 2019 12:38

Instrument :
BNA_M
ClientSampleId :
ESNZ3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	114036		
139	151.0	119.5	179.3	
65	130.0	105.0	157.4	

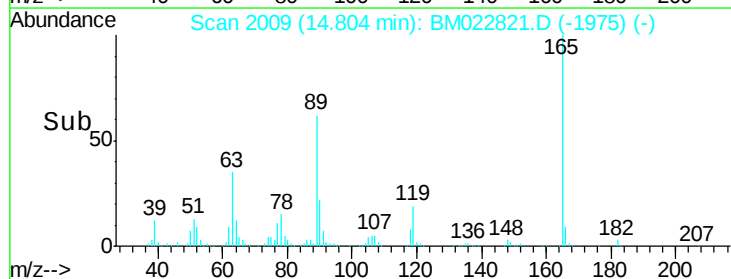
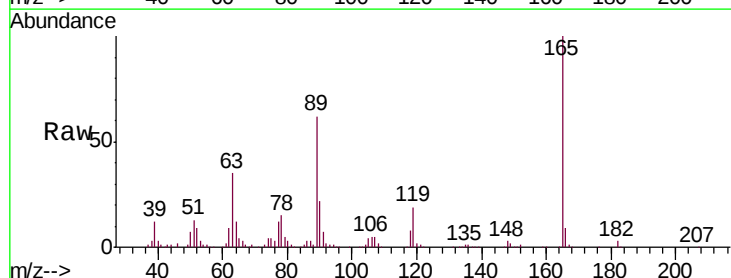
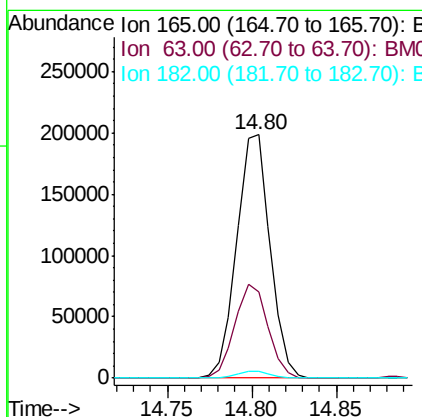
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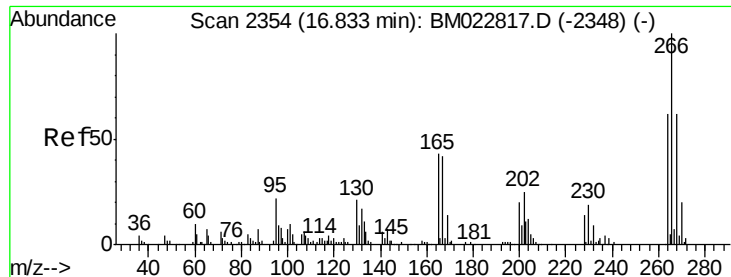
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#55
2,4-Dinitrotoluene
Concen: 15.227 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM022821.D
Acq: 30 Sep 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	273899		
63	35.4	29.8	44.6	
182	2.8	2.2	3.4	





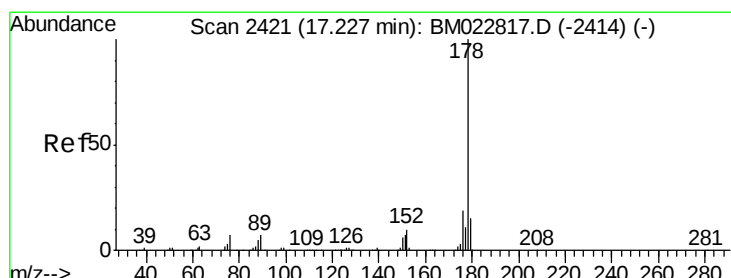
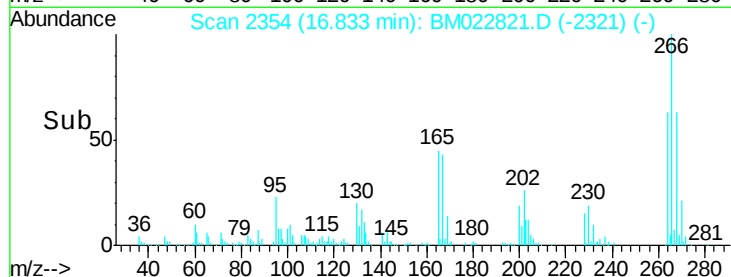
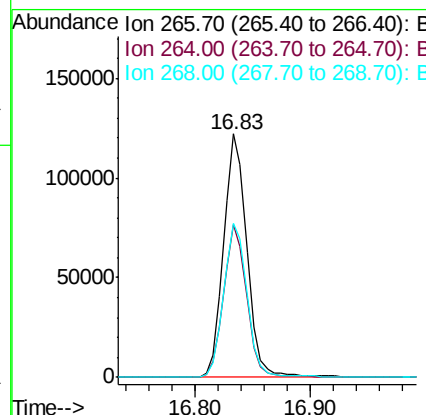
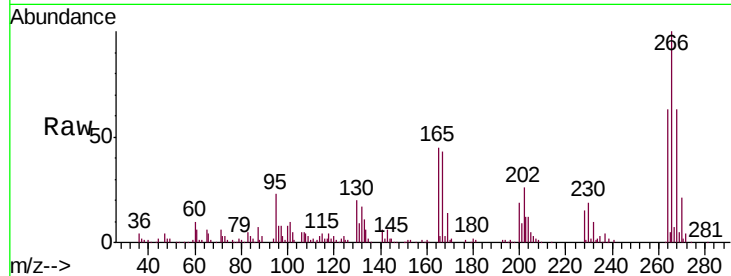
#69
 Pentachlorophenol
 Concen: 12.134 ng/ul
 RT: 16.83 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BM022821.D
 Acq: 30 Sep 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :
 ESNZ3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.6	50.8	76.2
268	63.1	51.4	77.0

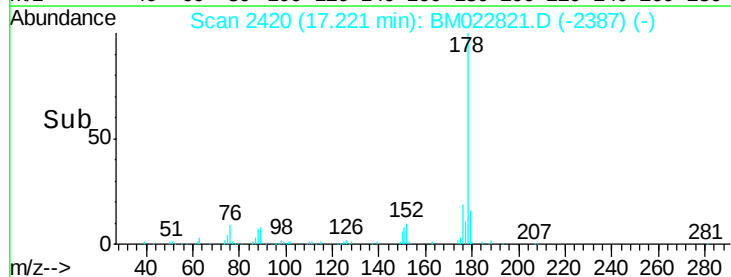
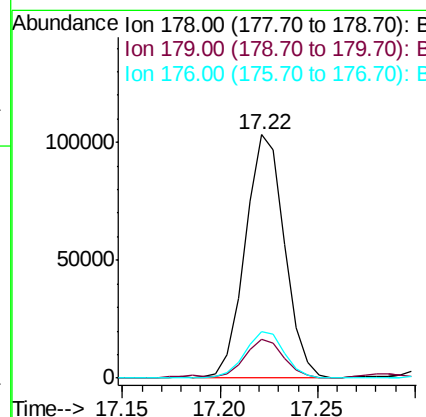
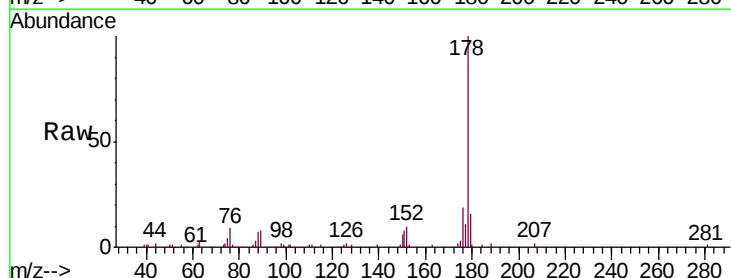
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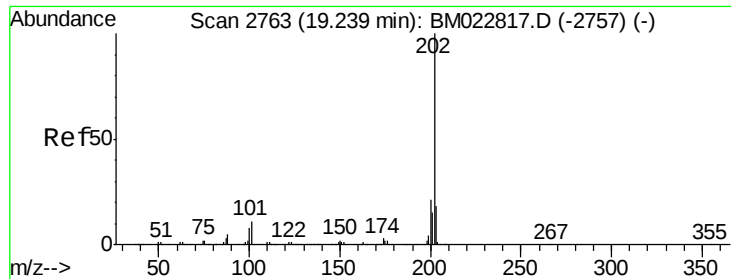
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#70
 Phenanthrene
 Concen: 1.496 ng/ul
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BM022821.D
 Acq: 30 Sep 2019 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.1	12.4	18.6
176	19.1	15.3	22.9





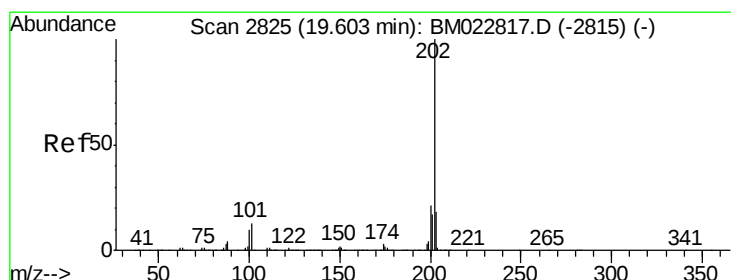
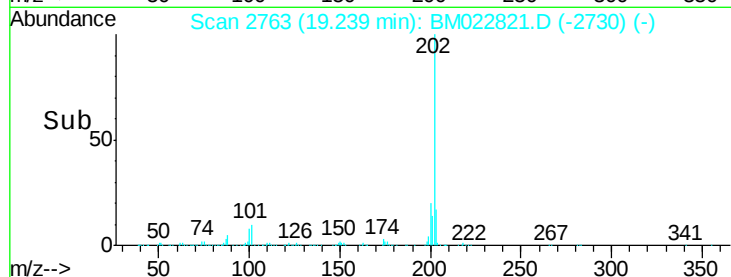
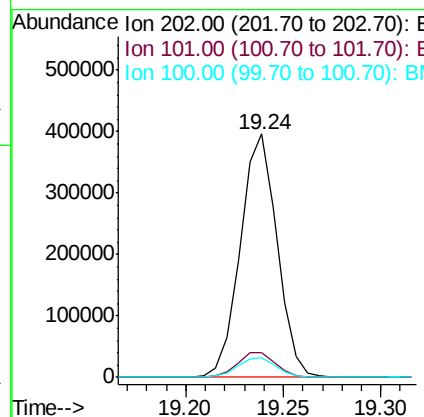
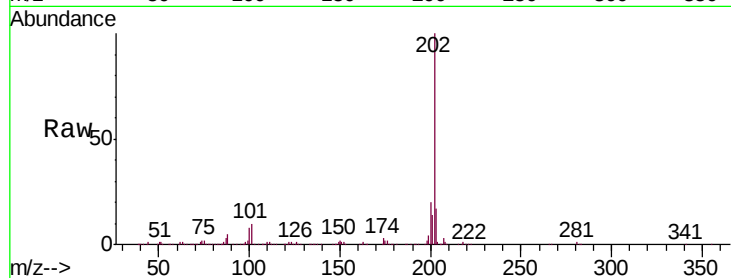
#77
 Fluoranthene
 Concen: 4.781 ng/ul
 RT: 19.24 min Scan# 2763
 Delta R.T. -0.01 min
 Lab File: BM022821.D
 Acq: 30 Sep 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :
 ESNZ3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	8.6	12.8
100	7.9	6.4	9.6

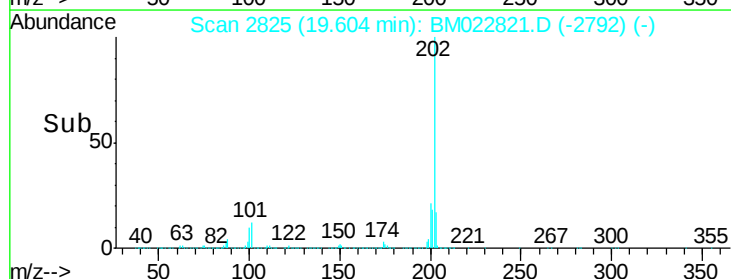
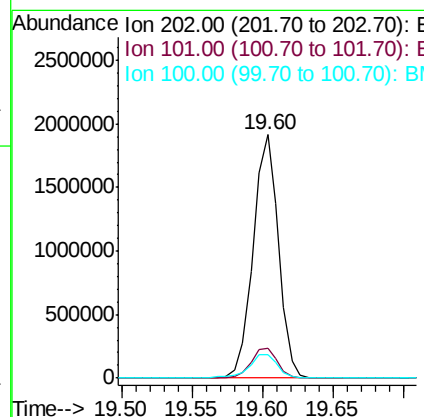
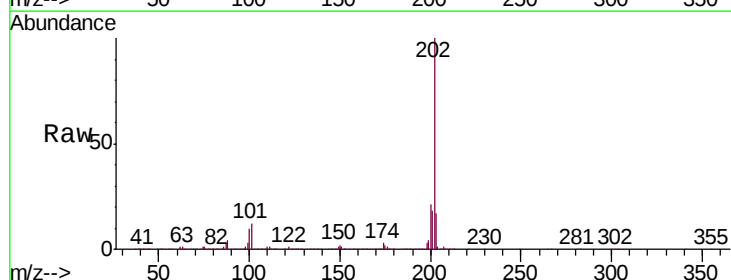
Manual Integrations
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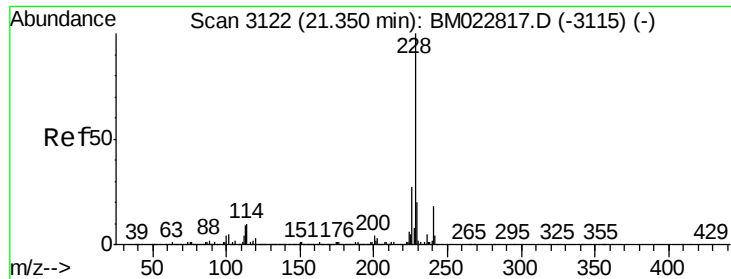
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#80
 Pyrene
 Concen: 22.711 ng/ul
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM022821.D
 Acq: 30 Sep 2019 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	9.7	14.5
100	9.8	7.8	11.8





#83

Benzo(a)anthracene

Concen: 1.599 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Instrument :

BNA_M

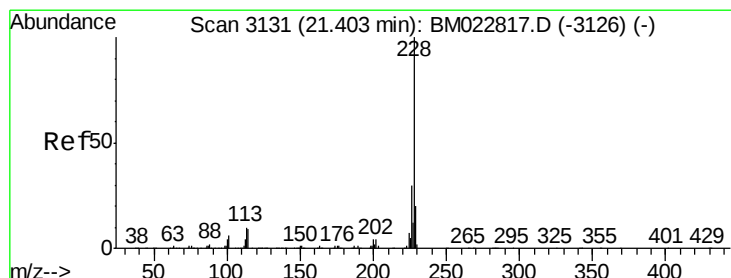
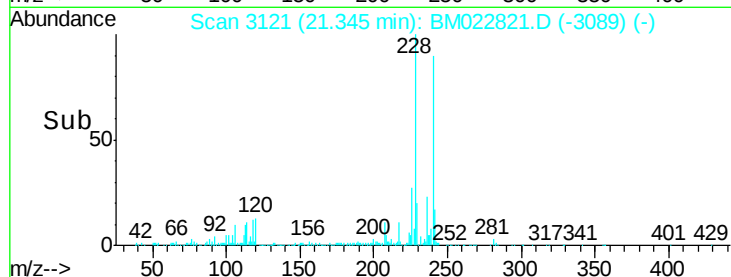
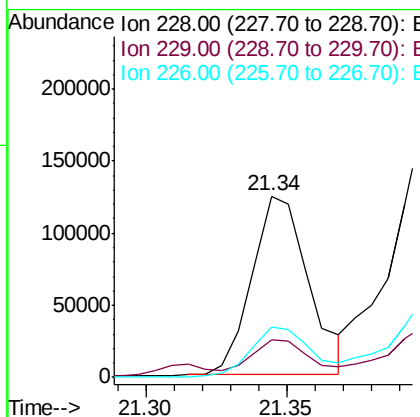
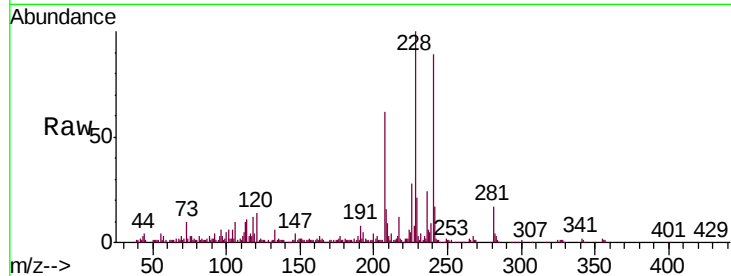
ClientSampleId :

ESNZ3MSD

Tgt Ion:	228	Resp:	172485
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.8
226	27.6	22.4	33.6

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#85

Chrysene

Concen: 2.473 ng/ul

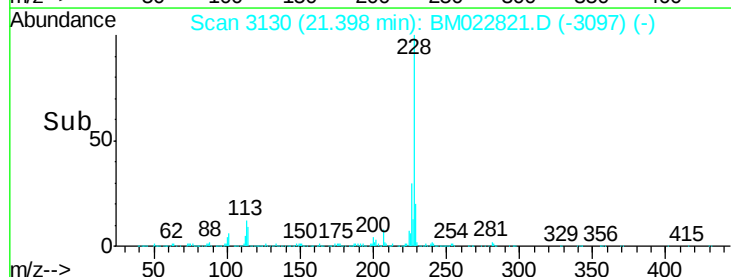
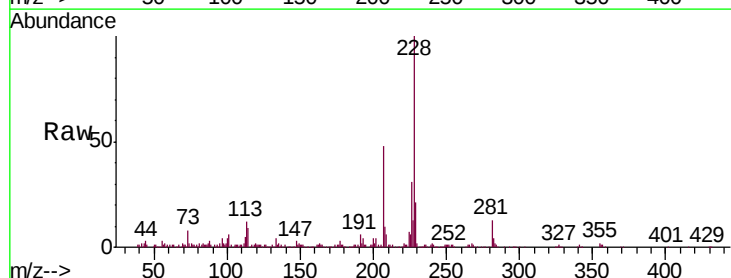
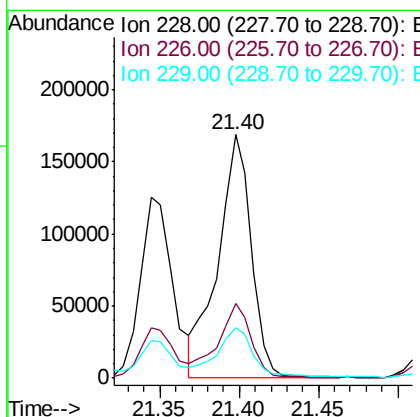
RT: 21.40 min Scan# 3130

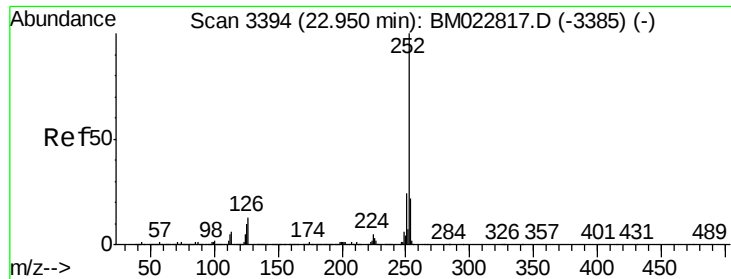
Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

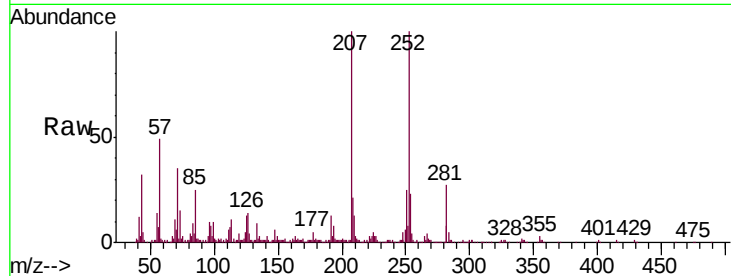
Tgt Ion:	228	Resp:	245918
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.4
229	20.7	15.9	23.9





#88
Benzo(b)fluoranthene
Concen: 3.768 ng/ul
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM022821.D
Acq: 30 Sep 2019 12:38

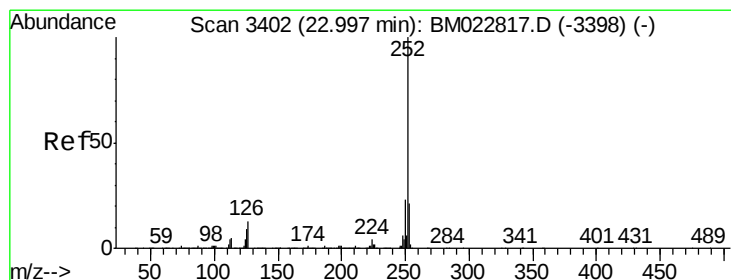
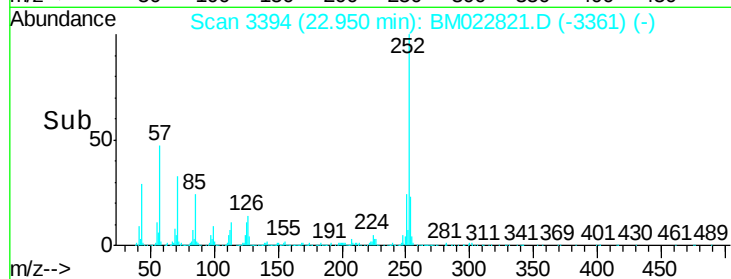
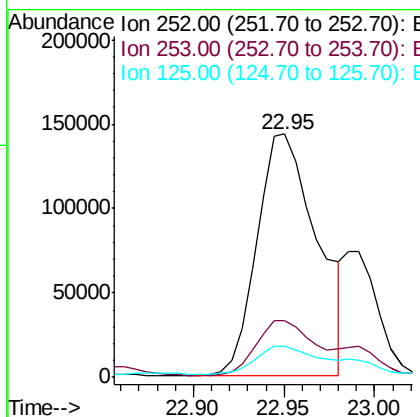
Instrument :
BNA_M
ClientSampleId :
ESNZ3MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	17.7	26.5
125	12.6	8.2	12.2#

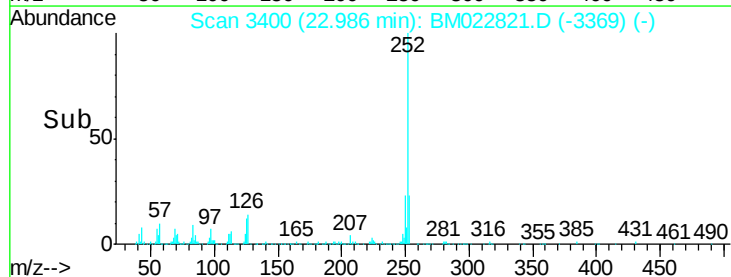
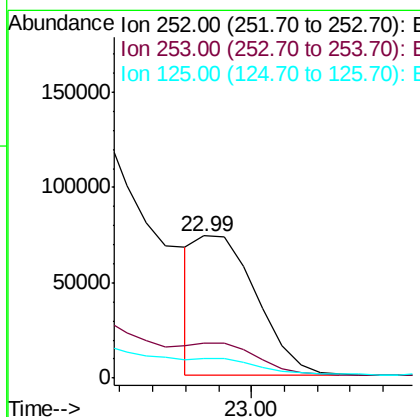
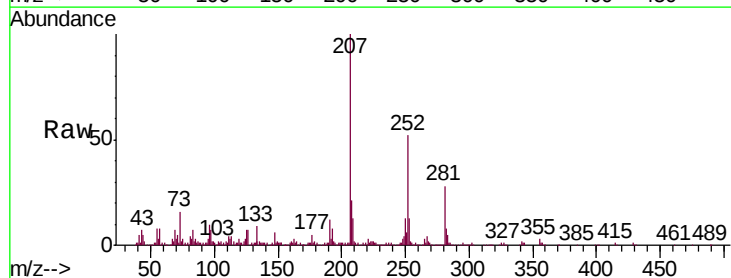
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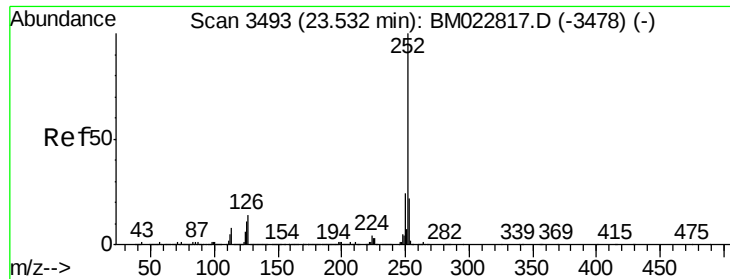
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#89
Benzo(k)fluoranthene
Concen: 1.084 ng/ul m
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM022821.D
Acq: 30 Sep 2019 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.2	17.5	26.3
125	14.1	7.9	11.9#





#91

Benzo(a)pyrene

Concen: 2.177 ng/ul

RT: 23.53 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Instrument :

BNA_M

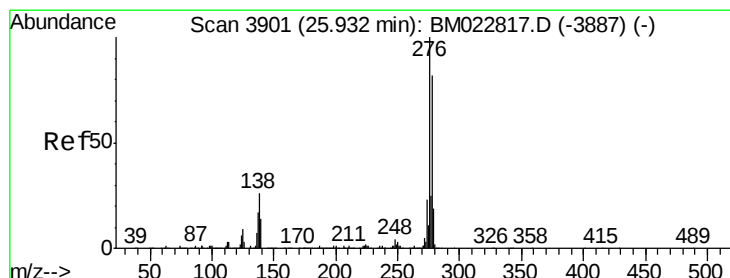
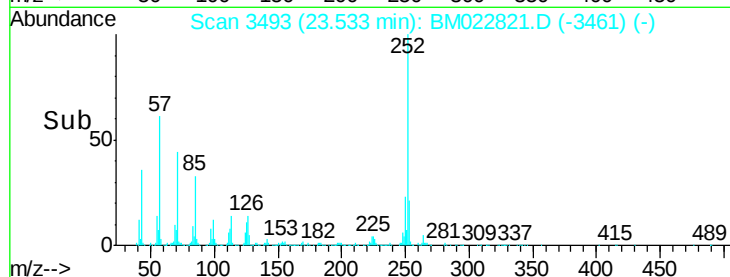
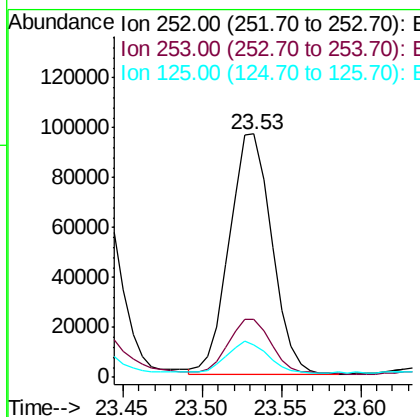
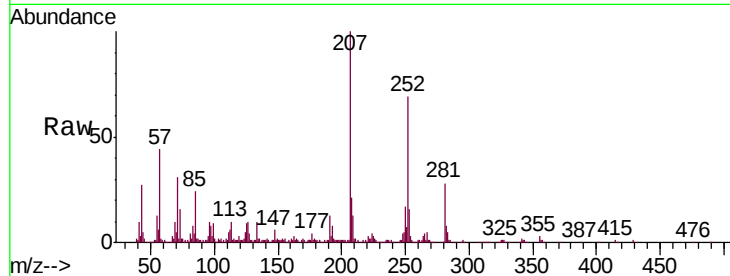
ClientSampleId :

ESNZ3MSD

Tgt Ion:	252	Resp:	180382
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	13.1	8.7	13.1

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.709 ng/ul

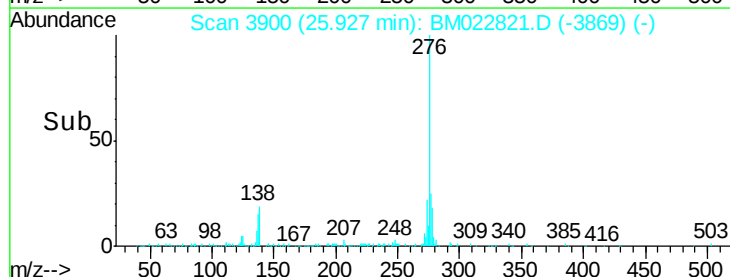
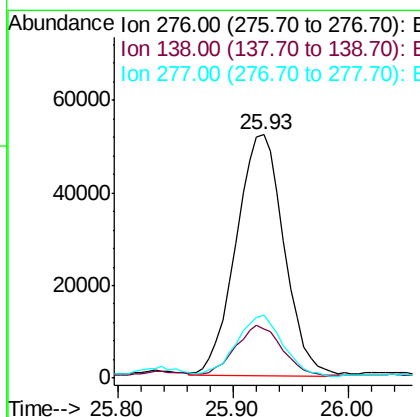
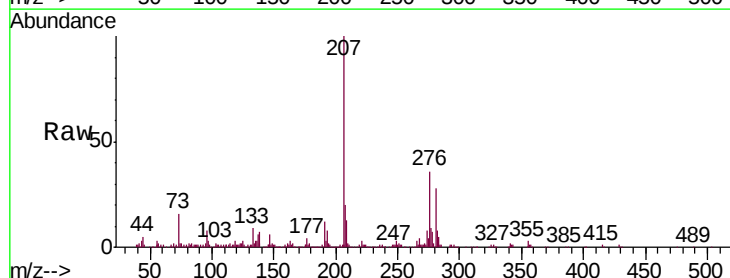
RT: 25.93 min Scan# 3900

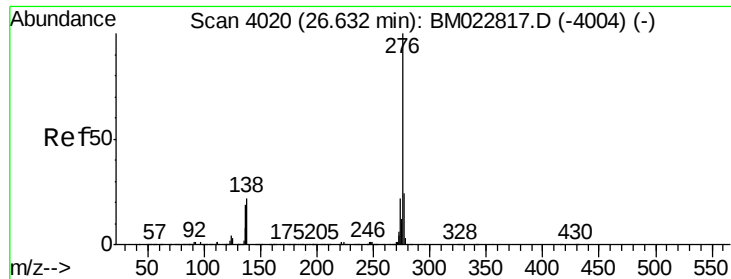
Delta R.T. -0.02 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Tgt Ion:	276	Resp:	150392
Ion Ratio	Lower	Upper	
276	100		
138	20.1	19.8	29.8
277	26.0	20.3	30.5





#94

Benzo(g,h,i)perylene

Concen: 2.148 ng/ul

RT: 26.63 min Scan# 4019

Delta R.T. -0.02 min

Lab File: BM022821.D

Acq: 30 Sep 2019 12:38

Instrument :

BNA_M

ClientSampleId :

ESNZ3MSD

Tgt Ion:	276	Resp:	152500
Ion Ratio	Lower	Upper	
276	100		
138	22.5	17.6	26.4
277	24.1	19.1	28.7

Manual Integrations
APPROVED

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