

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028430.D
 Acq On : 18 Jan 2021 18:08
 Operator : CG/JU
 Sample : M1099-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1C12

Quant Time: Jan 18 23:43:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 23:34:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	132693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	70866	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	136782	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	125844	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	127631	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	4679	5.78	ng/uL	0.00
5) Phenol-d5	7.24	99	91837	31.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	57526	31.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	79343	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	74687	31.74	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	35626	31.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	38873	31.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	70705	31.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	95120	36.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	185809	33.02	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	240924	33.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29483	27.97	ng/ul	0.00
58) Fluorene-d10	15.71	176	154194	31.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	19229	20.43	ng/ul	0.00
71) Anthracene-d10	17.55	188	226997	32.23	ng/ul	0.00
79) Pyrene-d10	19.82	212	235791	32.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	243408	33.61	ng/ul	0.01

Target Compounds

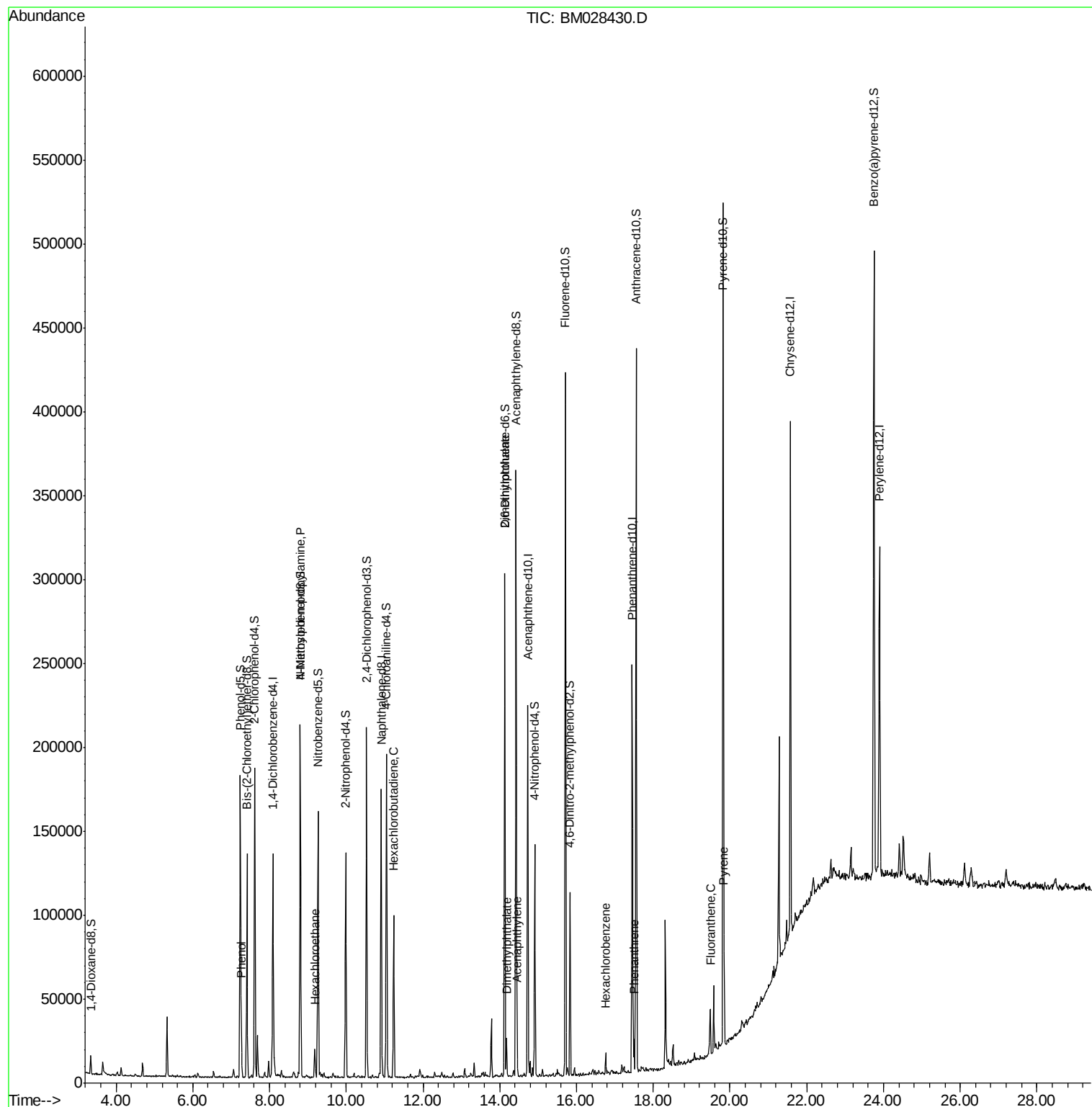
					Ovalue
6) Phenol	7.27	94	10248	3.535	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.80	70	1868	1.057	ng/ul# 1
17) Hexachloroethane	9.17	117	3012	2.682	ng/ul# 84
31) Hexachlorobutadiene	11.23	225	19504	13.769	ng/ul 99
45) Dimethylphthalate	14.17	163	12355	2.166	ng/ul 97
46) 2,6-Dinitrotoluene	14.13	165	1271	1.089	ng/ul# 43
48) Acenaphthylene	14.45	152	8080	1.123	ng/ul 95
67) Hexachlorobenzene	16.76	284	2241	1.200	ng/ul 94
70) Phenanthrene	17.49	178	11981	1.419	ng/ul 99
77) Fluoranthene	19.49	202	11526	1.254	ng/ul 99
80) Pyrene	19.84	202	23833	2.448	ng/ul 96

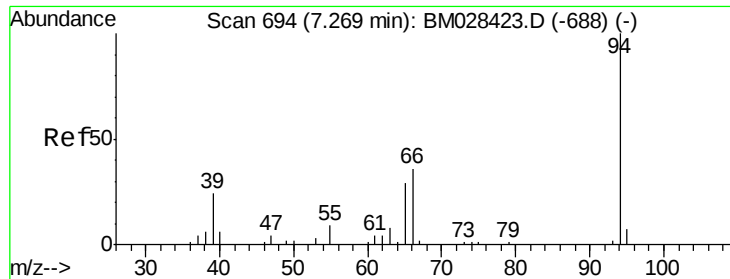
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.535 ng/ul

RT: 7.27 min Scan# 694

Delta R.T. 0.01 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

Instrument :

BNA_M

ClientSampleId :

F1C12

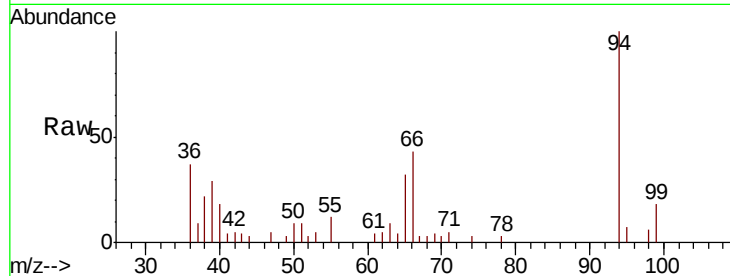
Tot Ion: 94 Resp: 10248

Ion Ratio Lower Upper

94 100

65 32.3 25.6 38.4

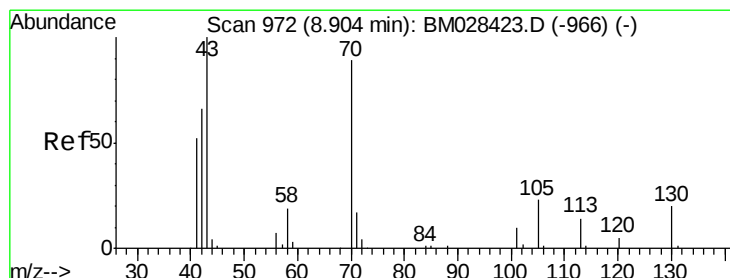
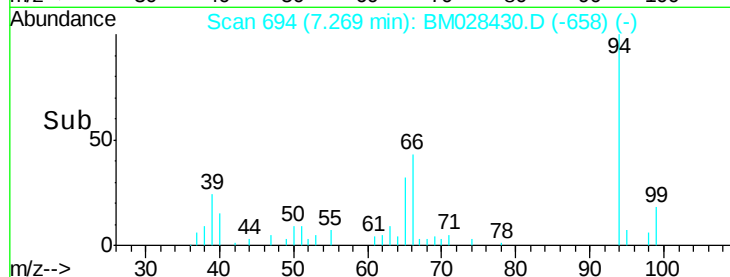
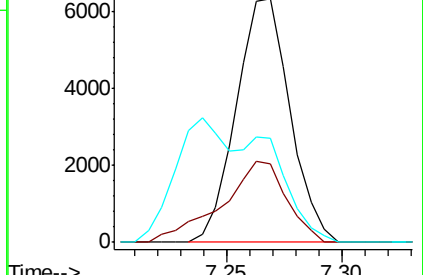
66 42.5 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM028423.D (-688) (-)

Ion 65.00 (64.70 to 65.70): BM028423.D (-688) (-)

Ion 66.00 (65.70 to 66.70): BM028423.D (-688) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.057 ng/ul

RT: 8.80 min Scan# 954

Delta R.T. -0.10 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

Tgt Ion: 70 Resp: 1868

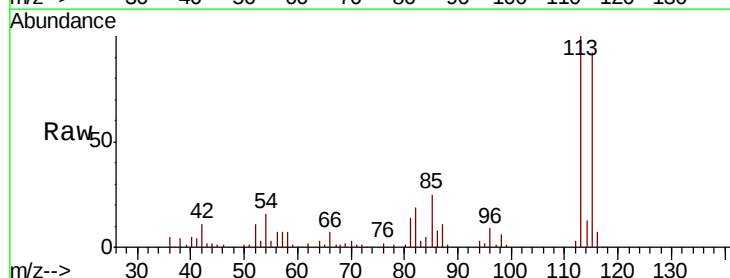
Ion Ratio Lower Upper

70 100

42 430.8 58.2 87.4#

101 0.0 8.2 12.4#

130 0.0 17.8 26.6#

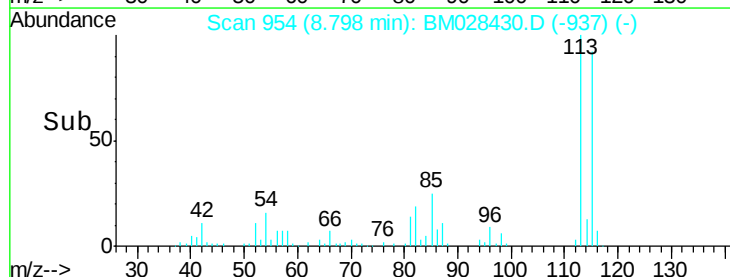
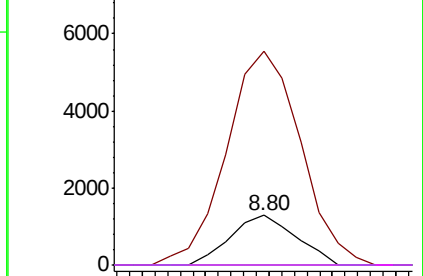


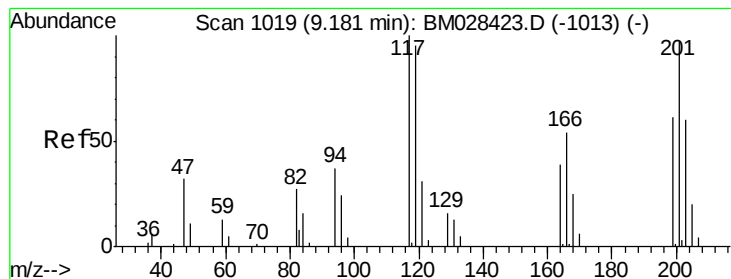
Abundance Ion 70.00 (69.70 to 70.70): BM028423.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BM028423.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM028423.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM028423.D (-966) (-)

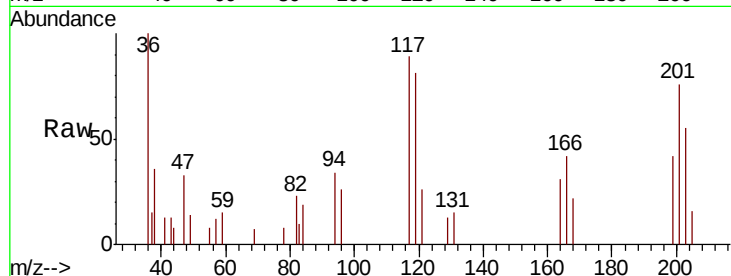




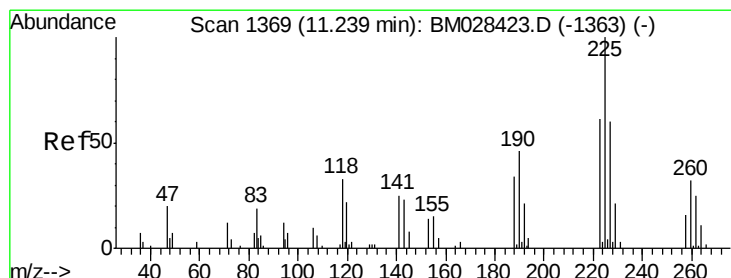
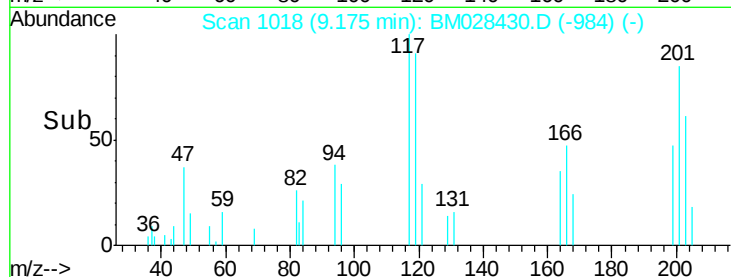
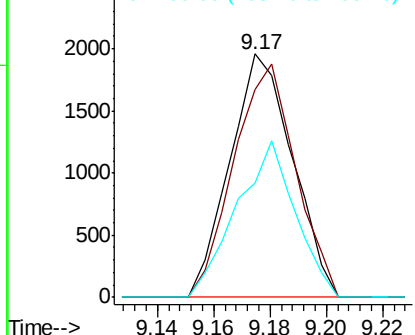
#17
Hexachloroethane
Concen: 2.682 ng/ul
RT: 9.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Instrument :
BNA_M
ClientSampled :
F1C12

Tot Ion:117 Resp: 3012
Ion Ratio Lower Upper
117 100
201 85.2 78.0 117.0
199 46.8 50.3 75.5#

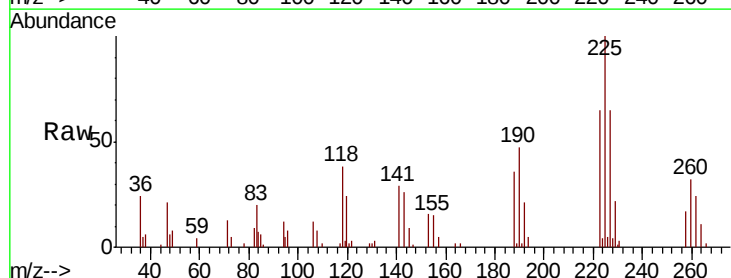


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

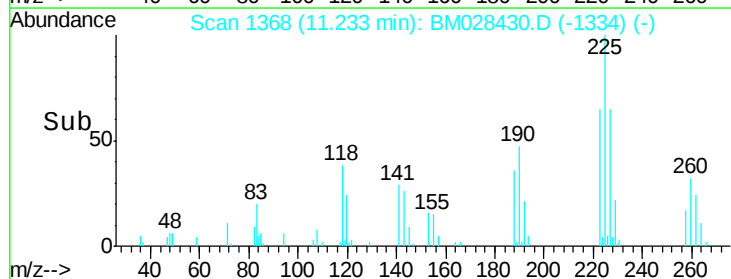
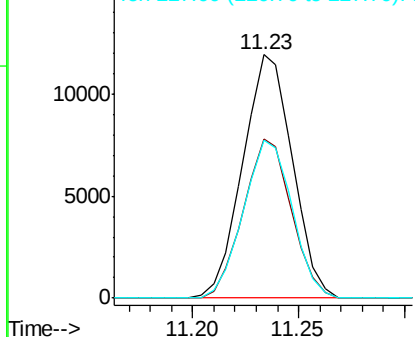


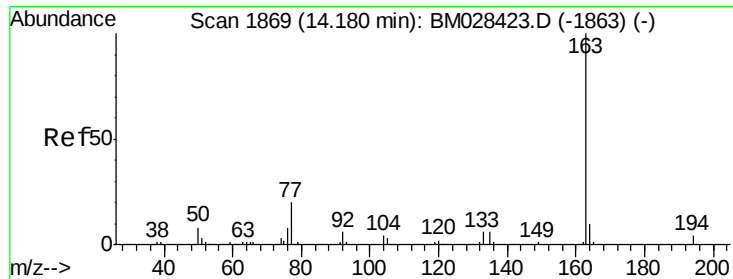
#31
Hexachlorobutadiene
Concen: 13.769 ng/ul
RT: 11.23 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BM028430.D
Acq: 18 Jan 2021 18:08

Tgt Ion:225 Resp: 19504
Ion Ratio Lower Upper
225 100
223 65.5 50.8 76.2
227 65.1 51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#45

Dimethylphthalate

Concen: 2.166 ng/ul

RT: 14.17 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

Instrument :

BNA_M

ClientSampleId :

F1C12

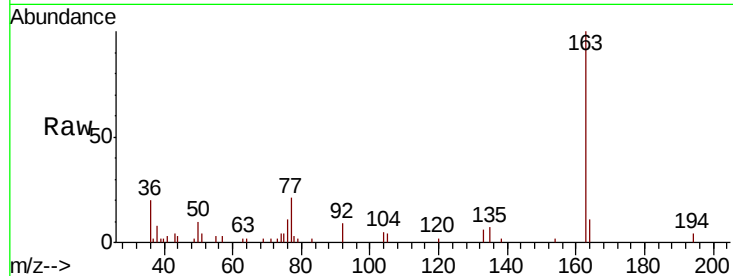
Tot Ion:163 Resp: 12355

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

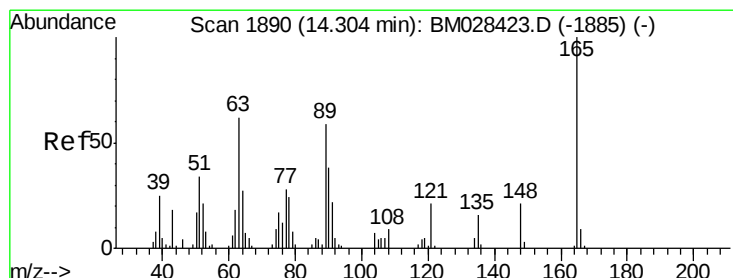
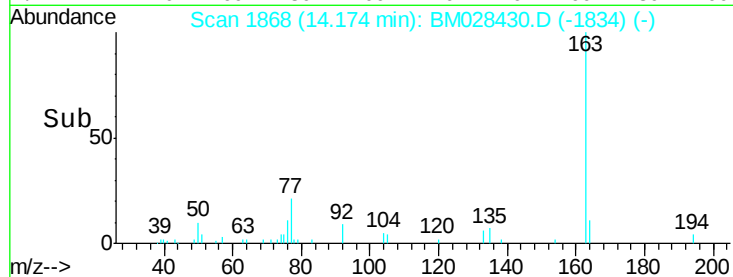
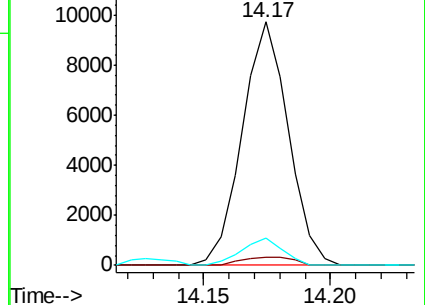
164 11.3 8.2 12.2



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



#46

2,6-Dinitrotoluene

Concen: 1.089 ng/ul

RT: 14.13 min Scan# 1860

Delta R.T. -0.17 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

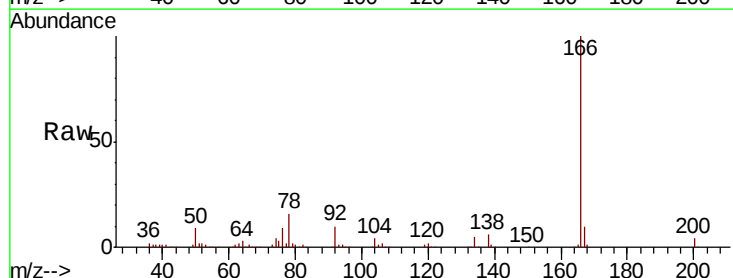
Tgt Ion:165 Resp: 1271

Ion Ratio Lower Upper

165 100

89 0.0 43.9 65.9#

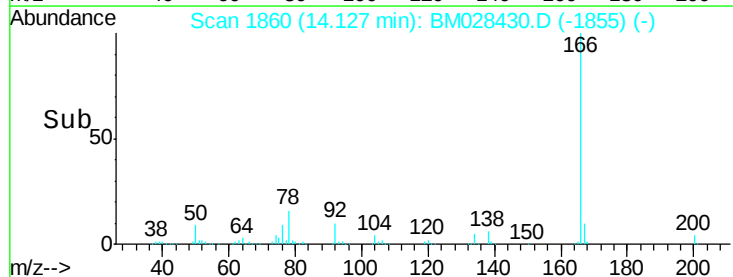
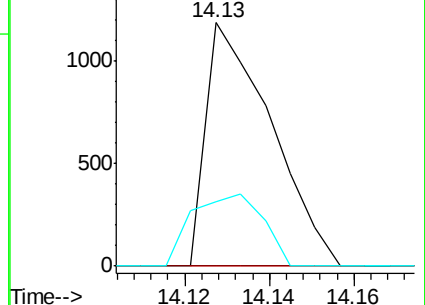
121 26.4 17.4 26.2#

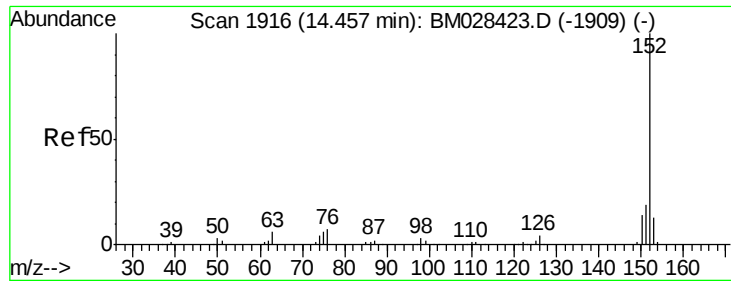


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 1.123 ng/ul

RT: 14.45 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

Instrument :

BNA_M

ClientSampleId :

F1C12

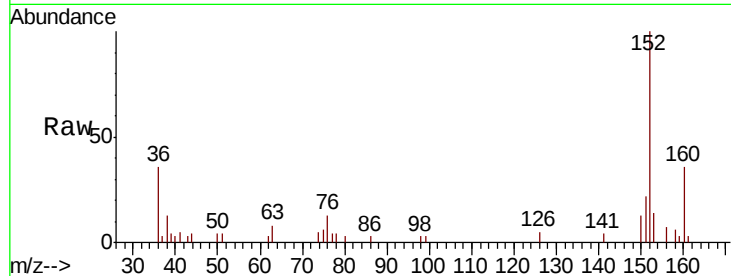
Tot Ion:152 Resp: 8080

Ion Ratio Lower Upper

152 100

151 21.7 15.4 23.0

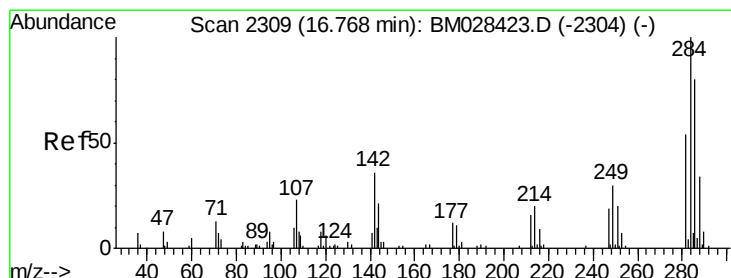
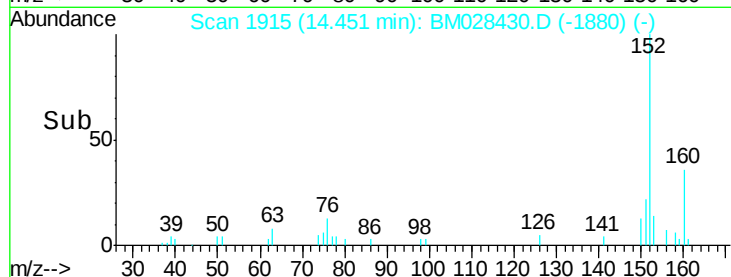
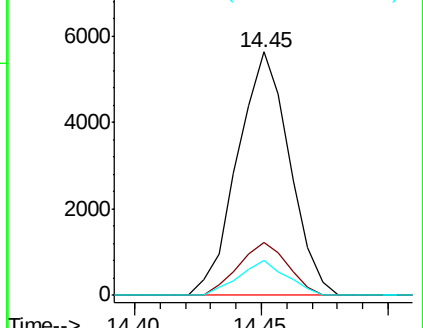
153 14.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#67

Hexachlorobenzene

Concen: 1.200 ng/ul

RT: 16.76 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

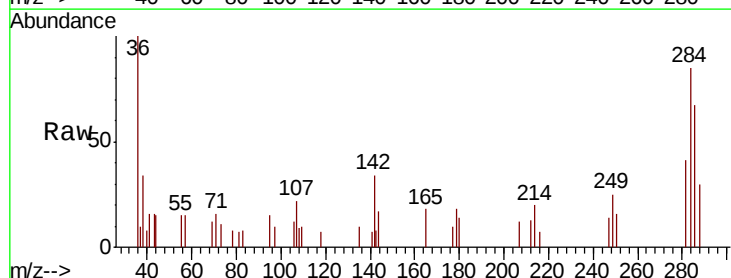
Tgt Ion:284 Resp: 2241

Ion Ratio Lower Upper

284 100

142 39.5 27.7 41.5

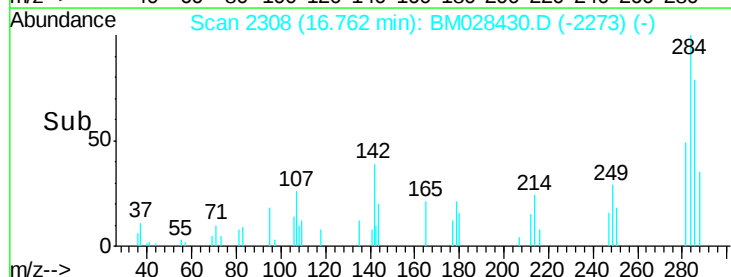
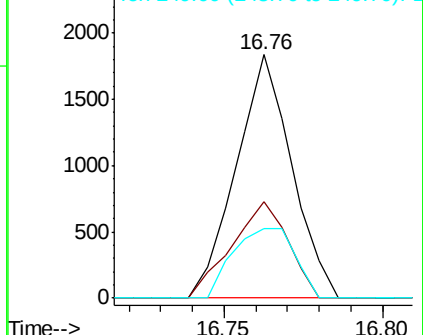
249 28.7 24.6 36.8

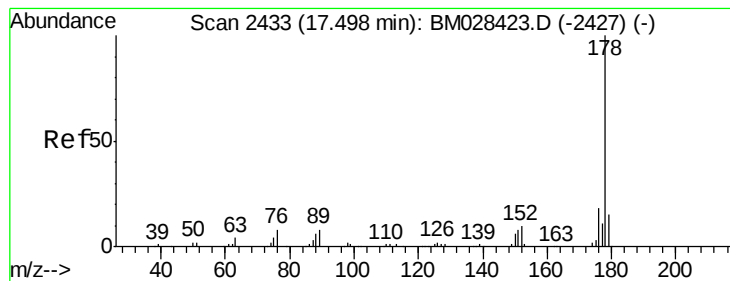


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#70

Phenanthrene

Concen: 1.419 ng/ul

RT: 17.49 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

Instrument :

BNA_M

ClientSampled :

F1C12

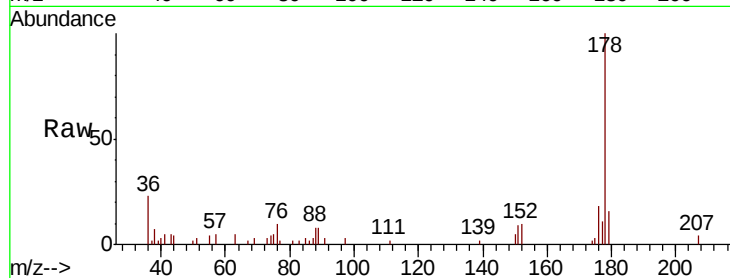
Tot Ion:178 Resp: 11981

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

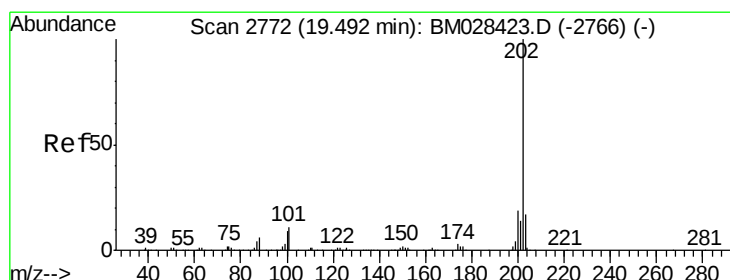
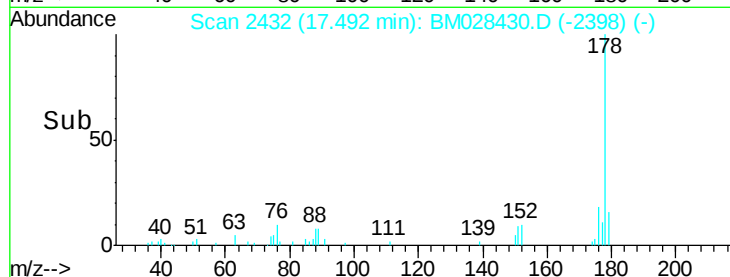
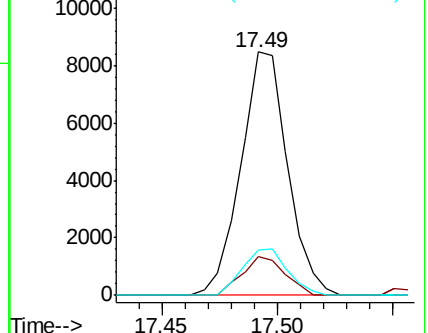
176 18.3 14.6 22.0



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



#77

Fluoranthene

Concen: 1.254 ng/ul

RT: 19.49 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BM028430.D

Acq: 18 Jan 2021 18:08

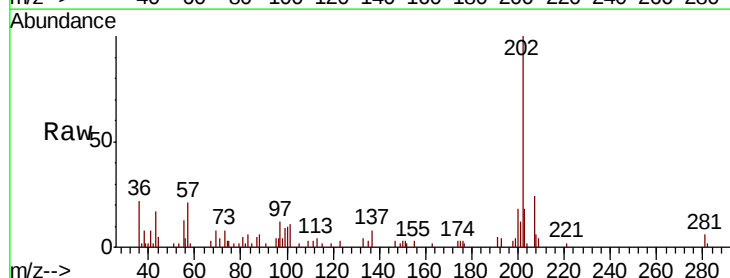
Tgt Ion:202 Resp: 11526

Ion Ratio Lower Upper

202 100

101 11.1 8.9 13.3

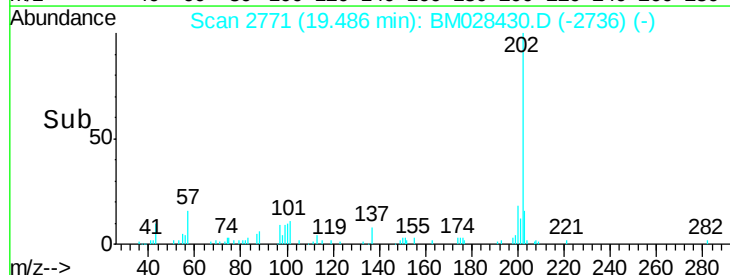
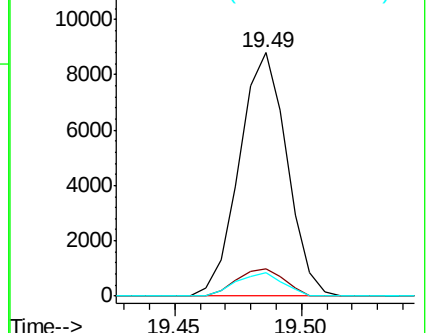
100 9.9 7.0 10.6

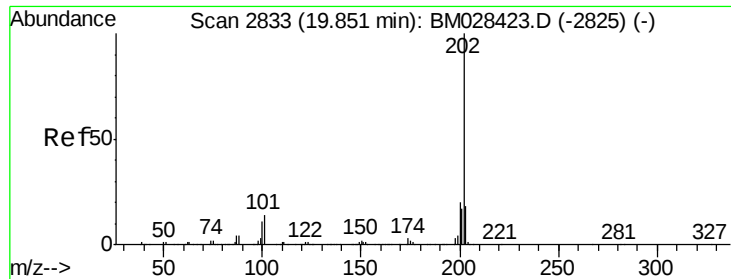


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

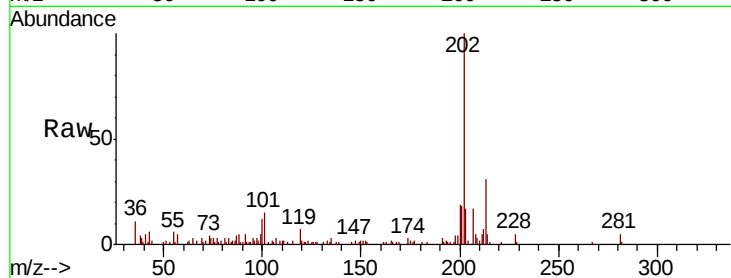




#80
 Pvrene
 Concen: 2.448 ng/ul
 RT: 19.84 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM028430.D
 Acq: 18 Jan 2021 18:08

Instrument :
 BNA_M
 ClientSampleId :
 F1C12

Tot Ion:	202	Resp:	23833
Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.6	15.8
100	12.5	8.9	13.3



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

