

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028433.D
 Acq On : 18 Jan 2021 19:57
 Operator : CG/JU
 Sample : M1099-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 18 23:44:08 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	35985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	136844	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	71657	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	134571	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	124441	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	126255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5285	6.19	ng/uL	0.00
5) Phenol-d5	7.24	99	101862	33.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	64473	33.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	88758	33.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	82387	33.20	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	41158	35.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	44565	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	77812	33.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	103636	38.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	201203	35.36	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	266948	36.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29362	27.55	ng/ul	0.00
58) Fluorene-d10	15.71	176	167423	34.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	19710	21.28	ng/ul	0.00
71) Anthracene-d10	17.55	188	241312	34.83	ng/ul	0.00
79) Pyrene-d10	19.82	212	250347	34.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	260281	36.33	ng/ul	0.00

Target Compounds

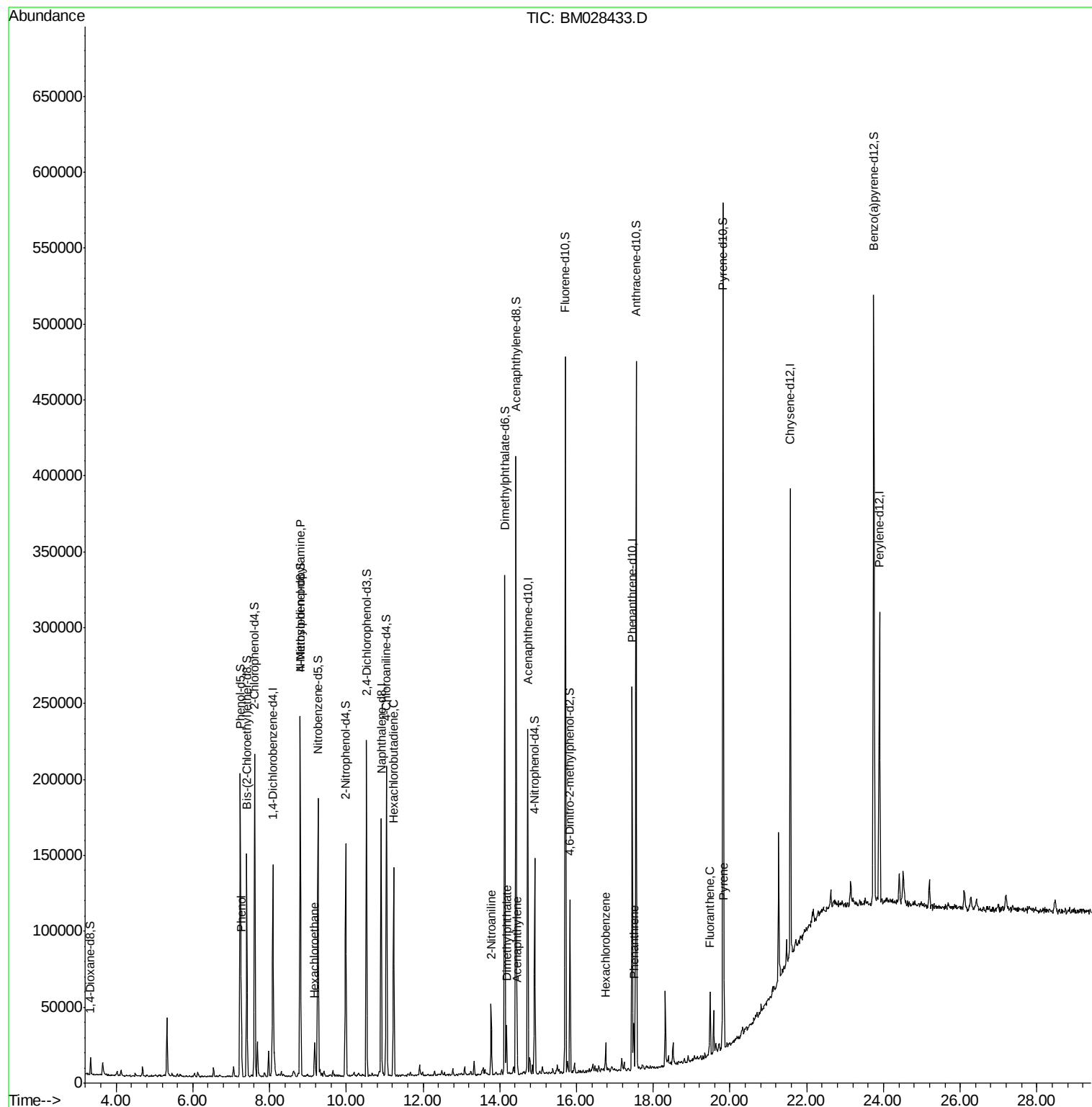
				Ovalue	
6) Phenol	7.26	94	21832	7.142	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.80	70	2120	1.138	ng/ul# 1
17) Hexachloroethane	9.17	117	4082	3.448	ng/ul 93
31) Hexachlorobutadiene	11.23	225	26756	18.316	ng/ul 100
43) 2-Nitroaniline	13.77	65	1626	1.159	ng/ul# 6
45) Dimethylphthalate	14.17	163	17099	2.965	ng/ul 99
48) Acenaphthylene	14.45	152	10969	1.508	ng/ul 97
67) Hexachlorobenzene	16.76	284	3381	1.840	ng/ul 98
70) Phenanthrene	17.49	178	17915	2.156	ng/ul 99
77) Fluoranthene	19.49	202	14441	1.597	ng/ul 99
80) Pyrene	19.84	202	29199	3.033	ng/ul 98

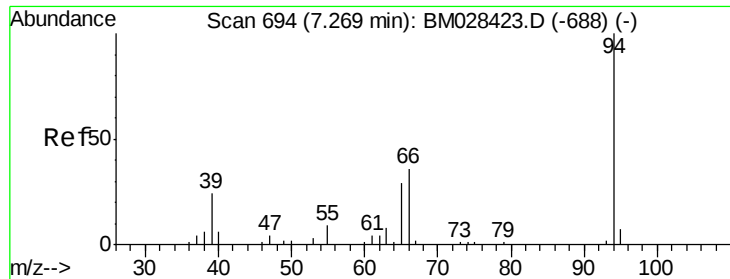
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.142 ng/ul

RT: 7.26 min Scan# 693

Delta R.T. 0.01 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

Instrument :

BNA_M

ClientSampleId :

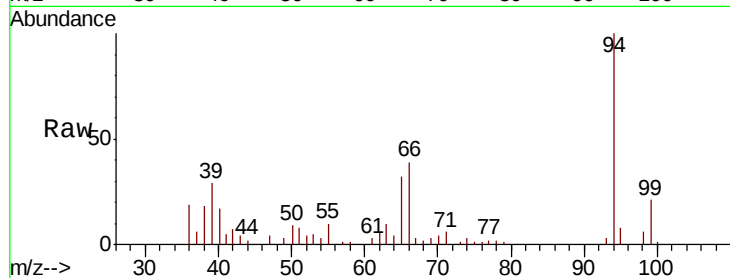
Tot Ion: 94 Resp: 21832

Ion Ratio Lower Upper

94 100

65 31.5 25.6 38.4

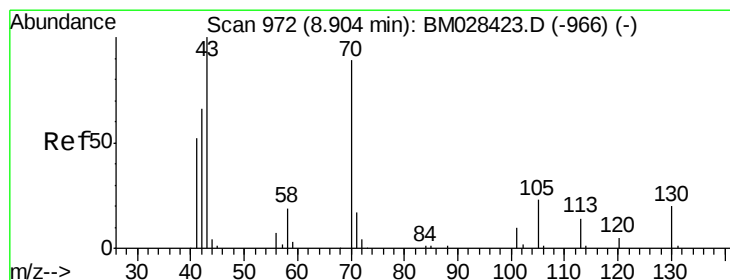
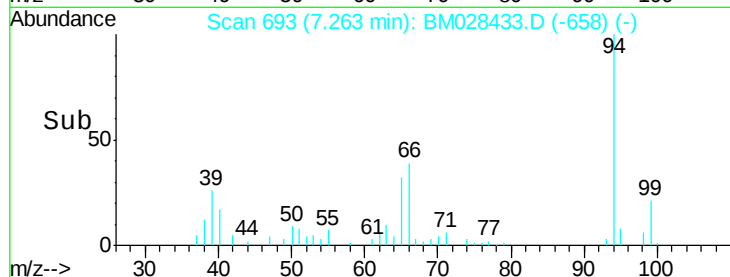
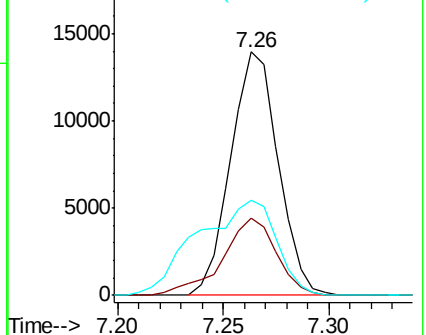
66 39.0 33.0 49.4



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: 1.138 ng/ul

RT: 8.80 min Scan# 954

Delta R.T. -0.10 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

Tgt Ion: 70 Resp: 2120

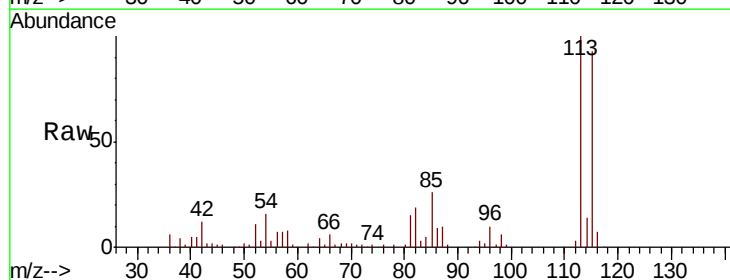
Ion Ratio Lower Upper

70 100

42 482.6 58.2 87.4#

101 0.0 8.2 12.4#

130 0.0 17.8 26.6#

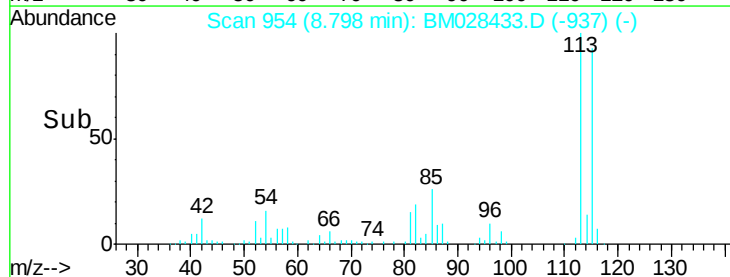
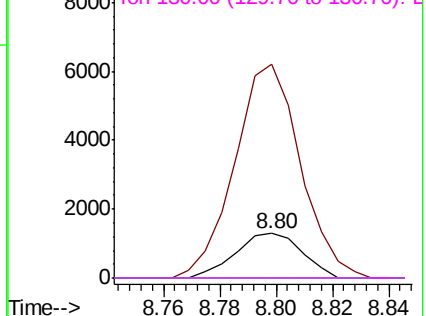


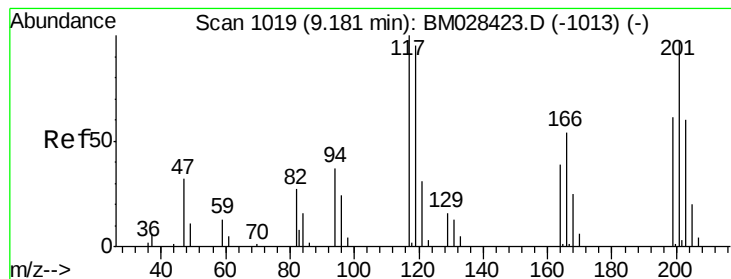
Abundance Ion 70.00 (69.70 to 70.70): BM028423.D (-966) (-)

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: 3.448 ng/ul

RT: 9.17 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

Instrument :

BNA_M

ClientSampleId :

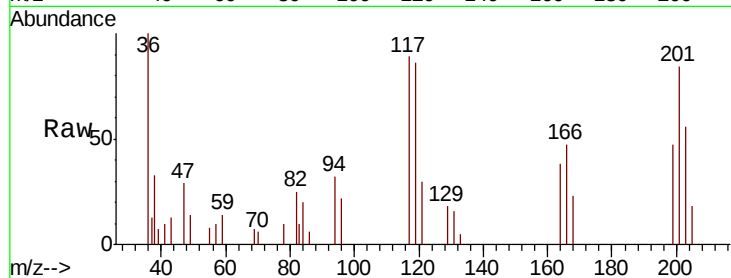
Tot Ion:117 Resp: 4082

Ion Ratio Lower Upper

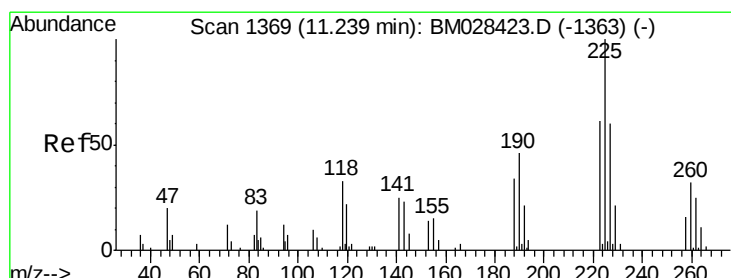
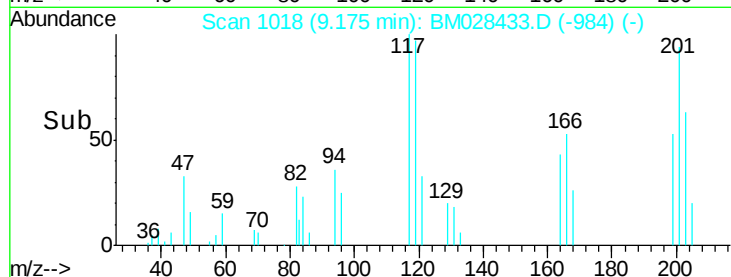
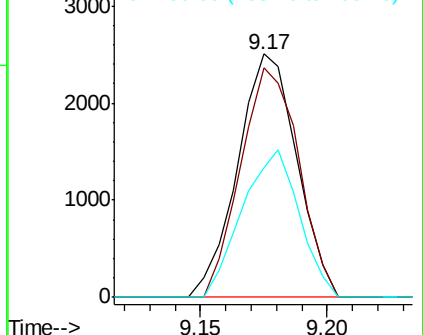
117 100

201 94.5 78.0 117.0

199 53.1 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: 18.316 ng/ul

RT: 11.23 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

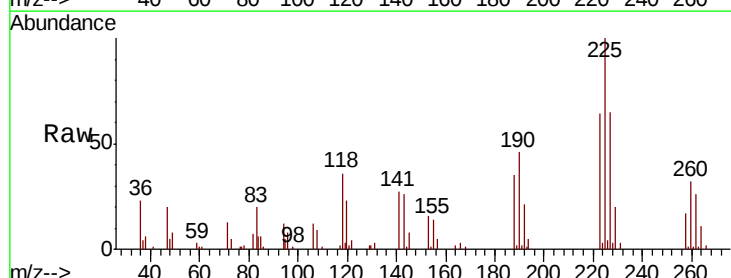
Tgt Ion:225 Resp: 26756

Ion Ratio Lower Upper

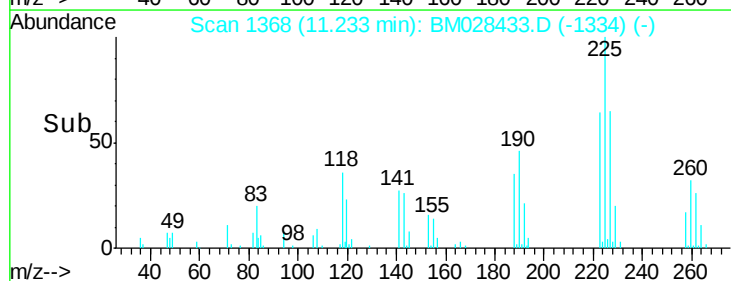
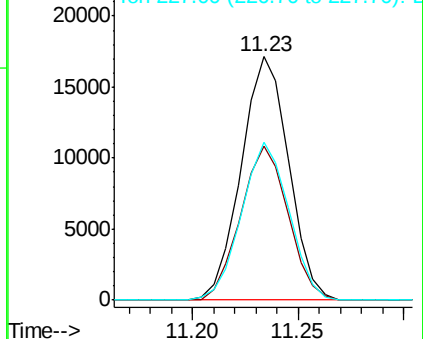
225 100

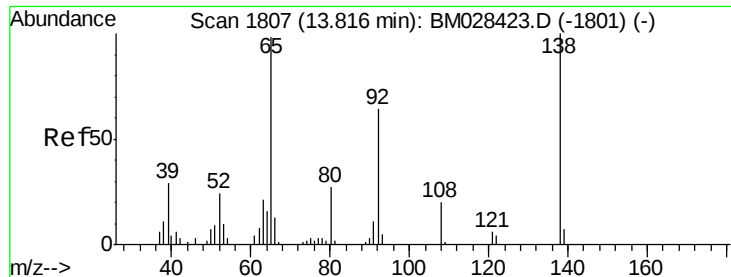
223 63.5 50.8 76.2

227 64.7 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

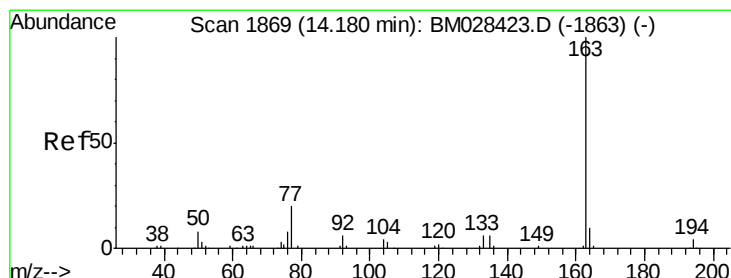
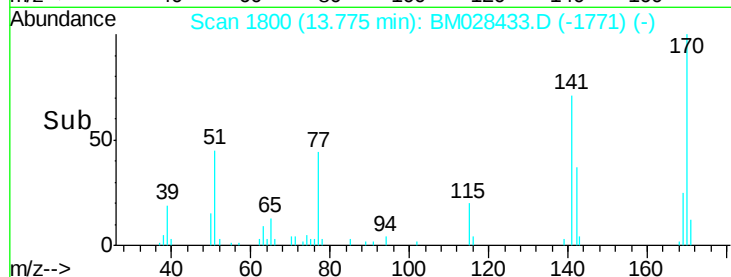
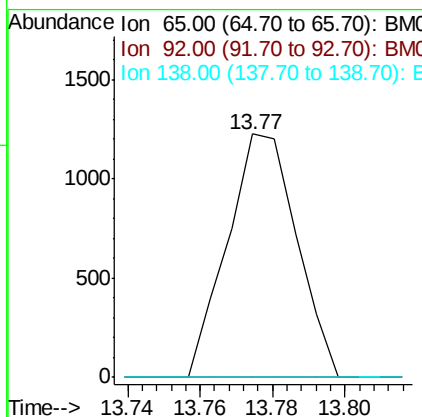
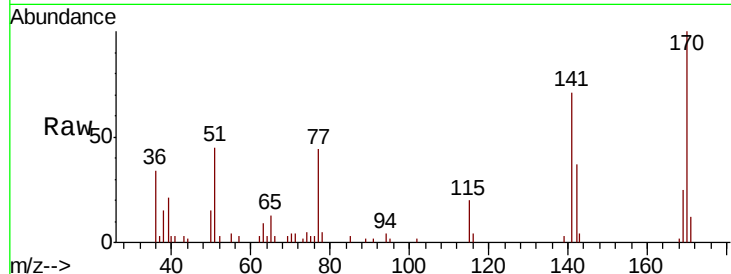




#43
2-Nitroaniline
Concen: 1.159 ng/ul
RT: 13.77 min Scan# 1800
Delta R.T. -0.03 min
Lab File: BM028433.D
Acq: 18 Jan 2021 19:57

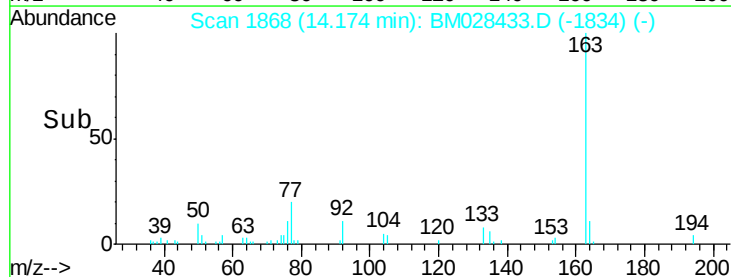
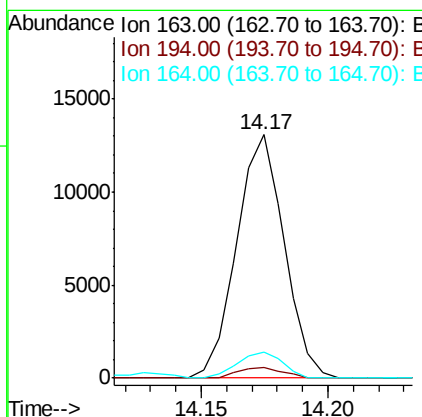
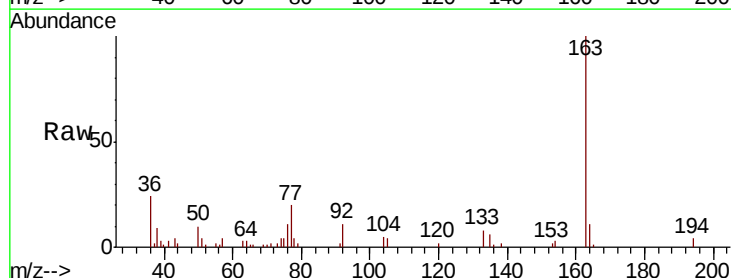
Instrument :
BNA_M
ClientSampleId :

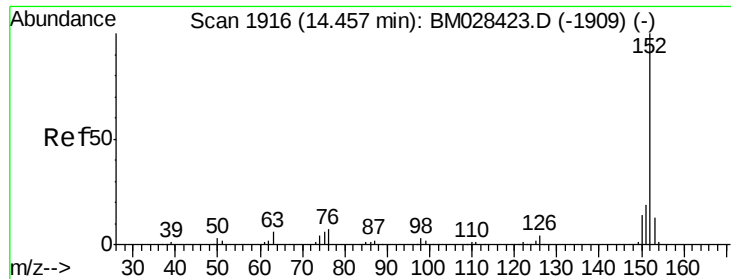
Tot Ion: 65 Resp: 1626
Ion Ratio Lower Upper
65 100
92 0.0 51.9 77.9#
138 0.0 83.2 124.8#



#45
Dimethylphthalate
Concen: 2.965 ng/ul
RT: 14.17 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BM028433.D
Acq: 18 Jan 2021 19:57

Tgt Ion: 163 Resp: 17099
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.5 8.2 12.2





#48

Acenaphthylene

Concen: 1.508 ng/ul

RT: 14.45 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

Instrument :

BNA_M

ClientSampled :

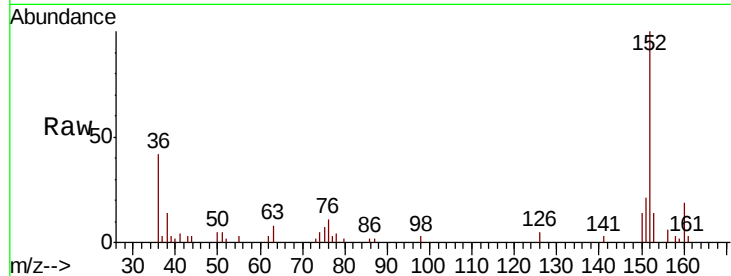
Tot Ion:152 Resp: 10969

Ion Ratio Lower Upper

152 100

151 20.7 15.4 23.0

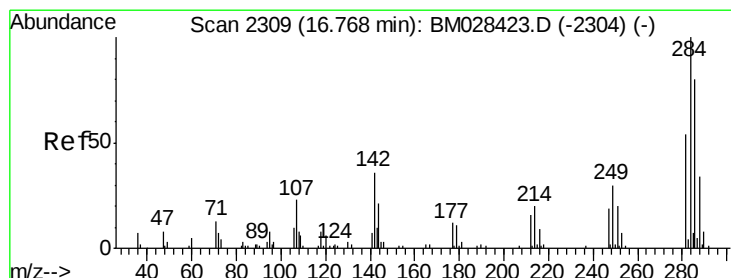
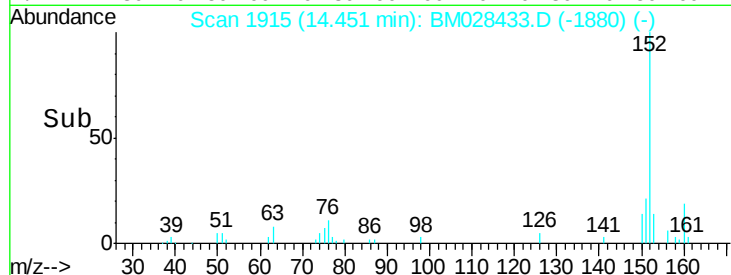
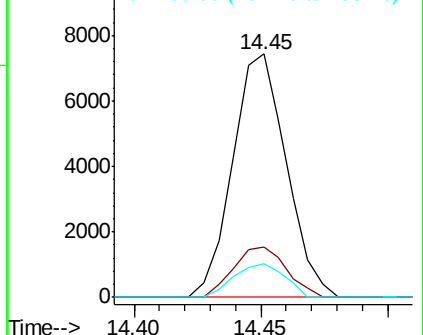
153 13.9 10.4 15.6



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: 1.840 ng/ul

RT: 16.76 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

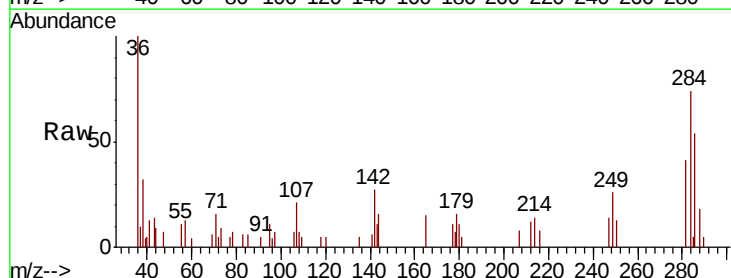
Tgt Ion:284 Resp: 3381

Ion Ratio Lower Upper

284 100

142 34.8 27.7 41.5

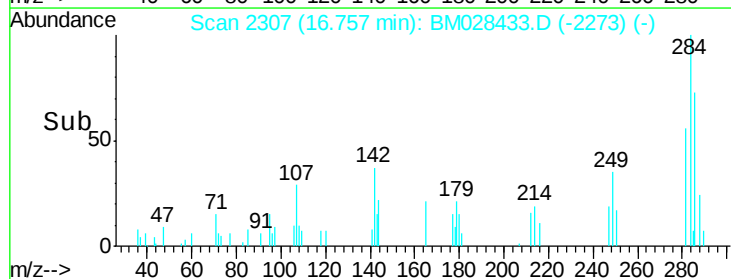
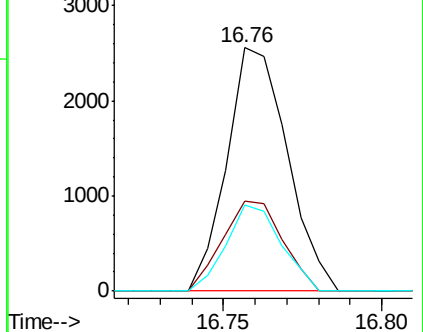
249 33.0 24.6 36.8

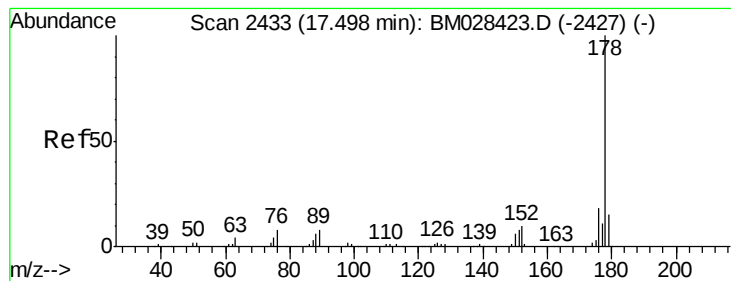


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#70

Phenanthrene

Concen: 2.156 ng/ul

RT: 17.49 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

Instrument :

BNA_M

ClientSampleId :

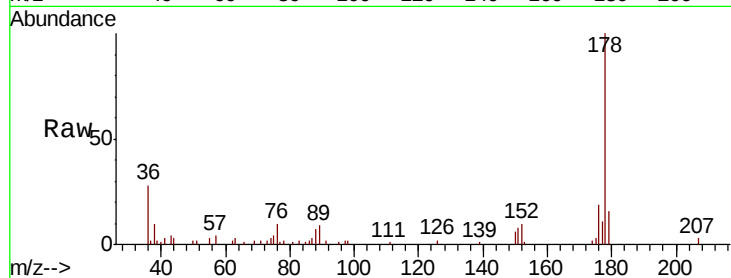
Tot Ion:178 Resp: 17915

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

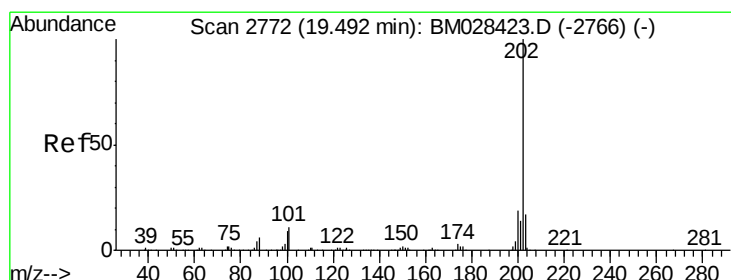
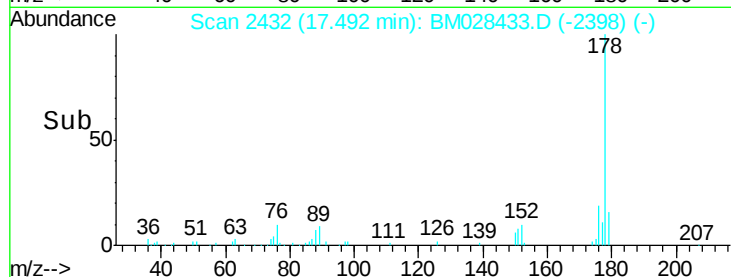
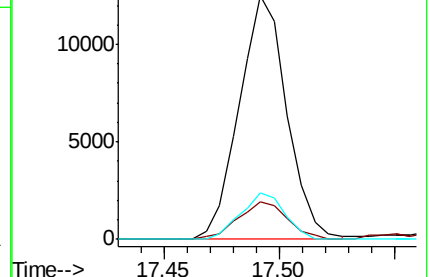
176 19.0 14.6 22.0



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: 1.597 ng/ul

RT: 19.49 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BM028433.D

Acq: 18 Jan 2021 19:57

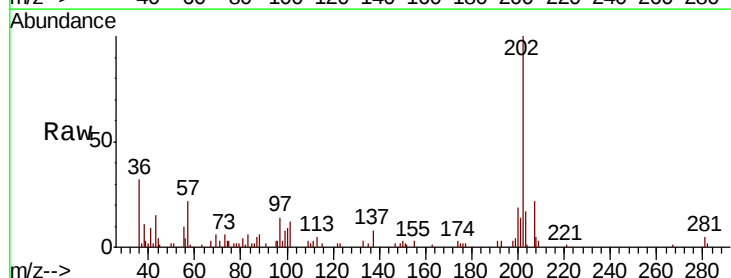
Tgt Ion:202 Resp: 14441

Ion Ratio Lower Upper

202 100

101 11.6 8.9 13.3

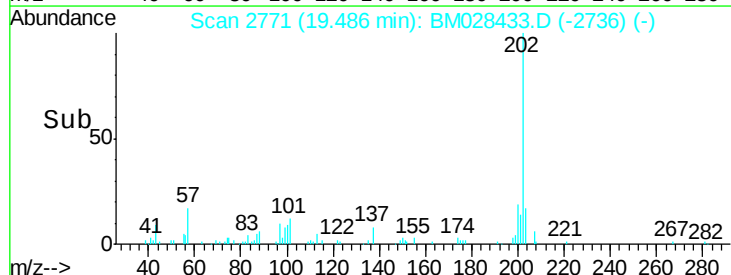
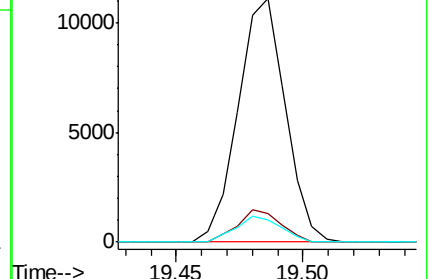
100 9.3 7.0 10.6

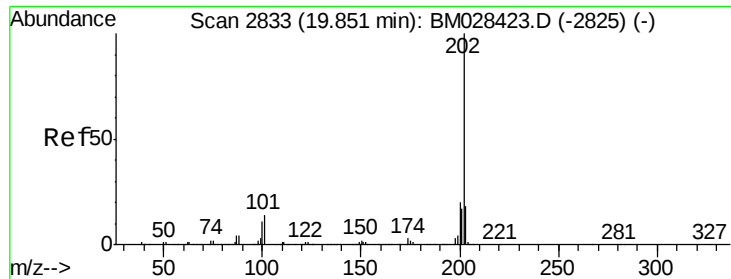


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

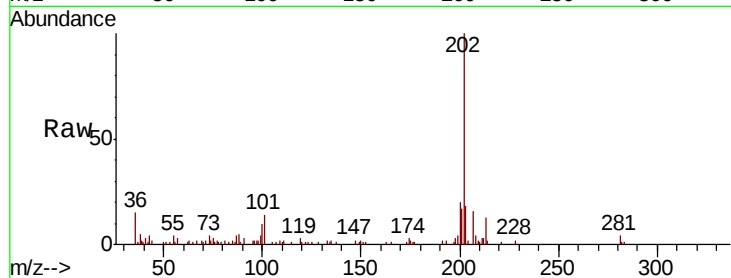




#80
 Pvrene
 Concen: 3.033 ng/ul
 RT: 19.84 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM028433.D
 Acq: 18 Jan 2021 19:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.6	15.8
100	10.4	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

