

Data File : BM024004.D
Acq On : 04 Dec 2019 16:37
Operator : JU
Sample : K4649-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169

Quant Time: Dec 05 02:48:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 05 02:46:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	297117	20.00	ng/ul	0.04
18) Naphthalene-d8	10.27	136	1267117	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.14	164	754676	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1607331	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1684057	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	2059625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	11079	1.66	ng/uL	0.02
5) Phenol-d5	6.68	99	190628	7.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	527318	34.82	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	586065	29.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	346046	16.84	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	360488	36.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	407327	36.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	661034	31.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	50186	2.16	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	2125441	36.25	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2545370	37.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	60780	6.17	ng/ul	0.00
58) Fluorene-d10	15.14	176	1833159	37.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	333644	33.07	ng/ul	0.00
71) Anthracene-d10	16.99	188	2927070	38.13	ng/ul	0.00
79) Pyrene-d10	19.30	212	3345424	38.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4311336	39.60	ng/ul	0.00

Target Compounds

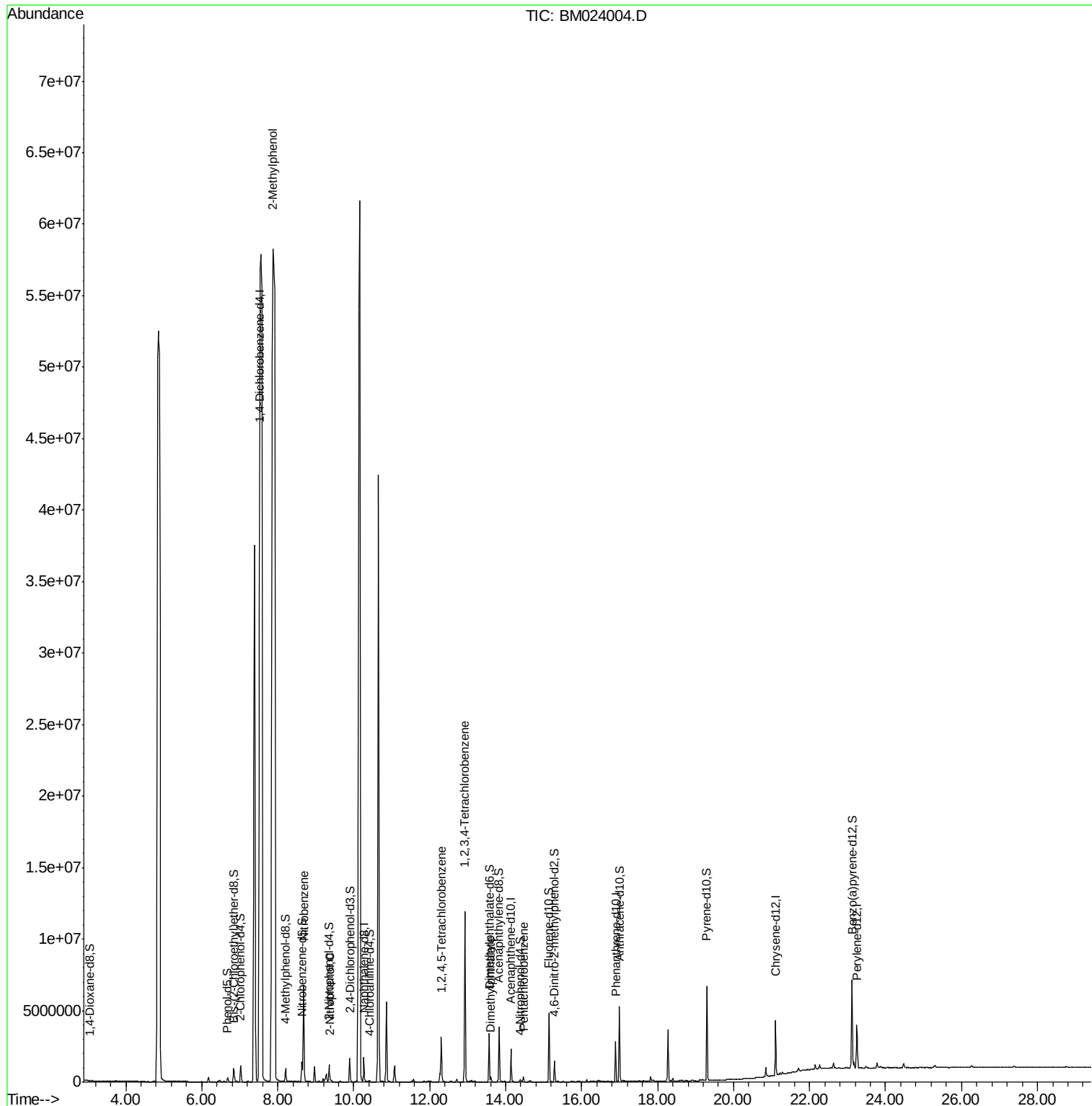
						Qvalue
11) 2-Methylphenol	7.86	108	245656	12.293	ng/ul	92
20) Nitrobenzene	8.68	77	4011960	167.924	ng/ul	97
23) 2-Nitrophenol	9.39	139	32079	2.713	ng/ul#	89
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	1004781	42.685	ng/ul	99
45) Dimethylphthalate	13.61	163	123297	2.148	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	3652046	151.071	ng/uL	100
74) Pentachlorobenzene	14.47	250	94817	3.647	ng/uL	97

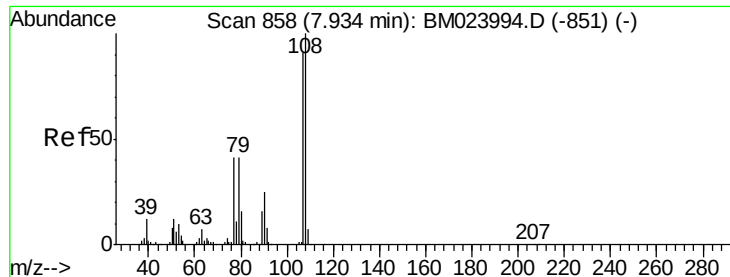
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM024004.D
Acq On : 04 Dec 2019 16:37
Operator : JU
Sample : K4649-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A5169

Quant Time: Dec 05 02:48:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 05 02:46:26 2019
Response via : Initial Calibration

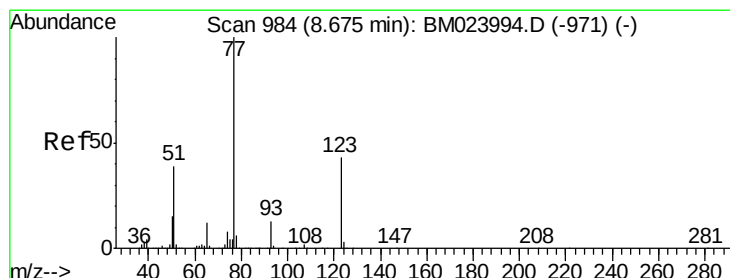
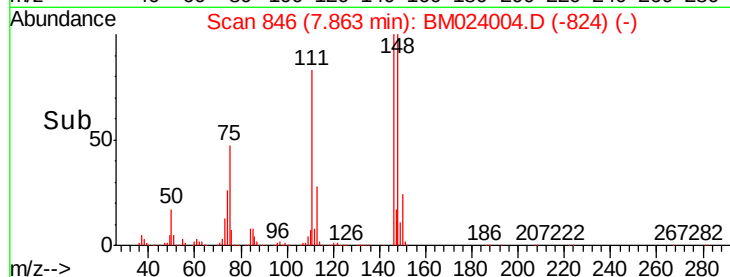
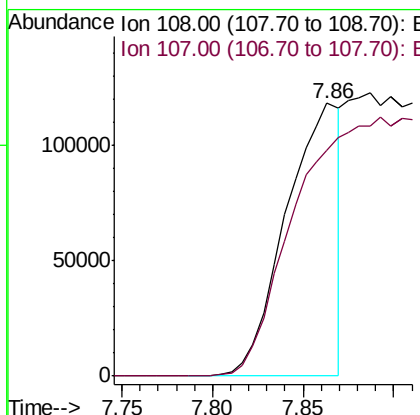
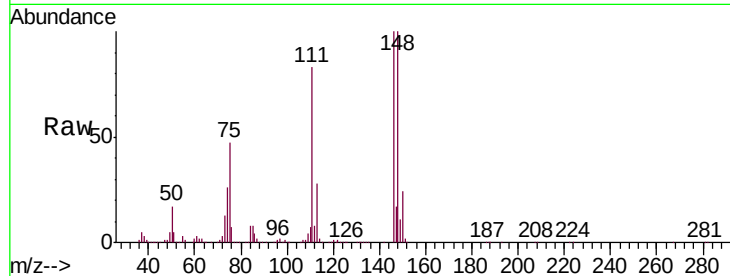




#11
2-Methylphenol
Concen: 12.293 ng/ul
RT: 7.86 min Scan# 846
Delta R.T. -0.07 min
Lab File: BM024004.D
Acq: 04 Dec 2019 16:37

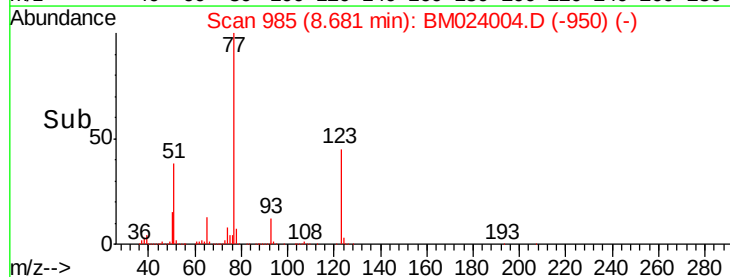
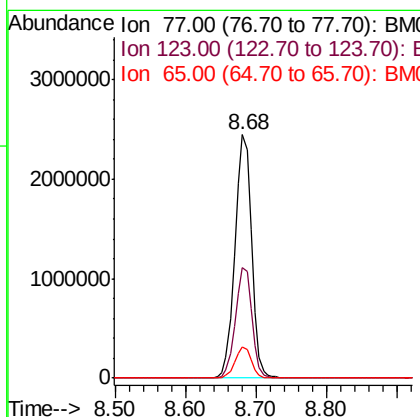
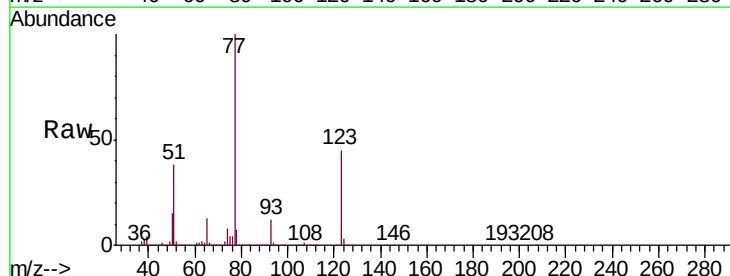
Instrument :
BNA_M
ClientSampleId :
A5169

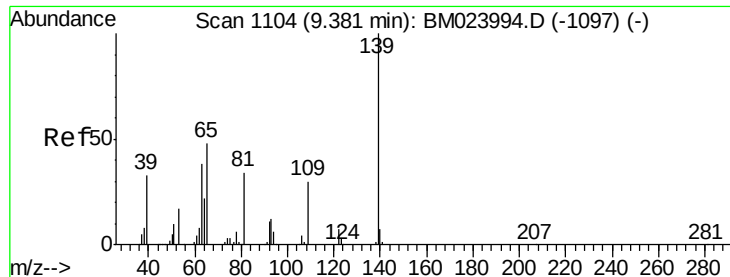
Tgt Ion:108 Resp: 245656
Ion Ratio Lower Upper
108 100
107 82.8 72.5 108.7



#20
Nitrobenzene
Concen: 167.924 ng/ul
RT: 8.68 min Scan# 985
Delta R.T. 0.01 min
Lab File: BM024004.D
Acq: 04 Dec 2019 16:37

Tgt Ion: 77 Resp: 4011960
Ion Ratio Lower Upper
77 100
123 45.4 34.6 51.8
65 12.8 9.8 14.6

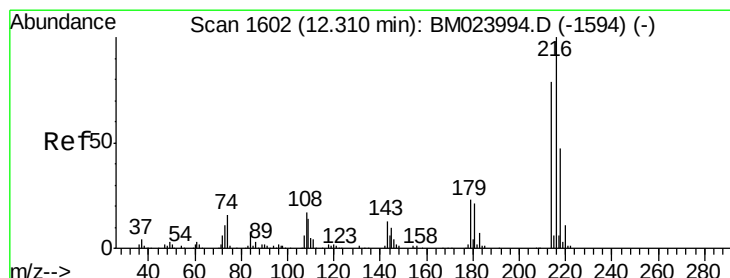
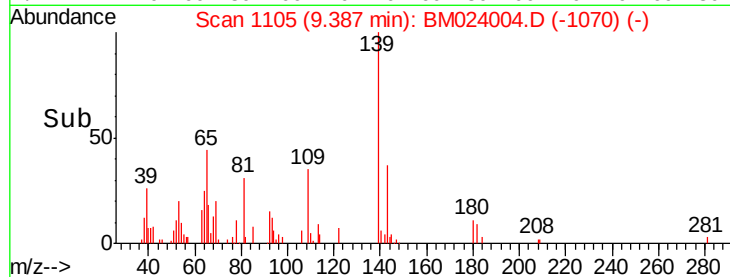
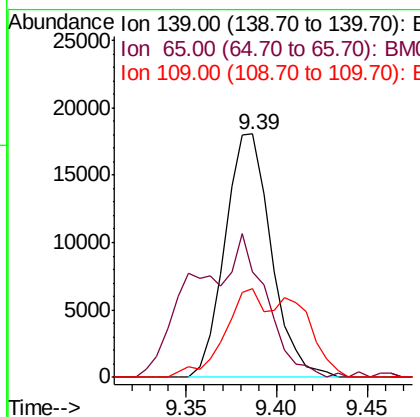
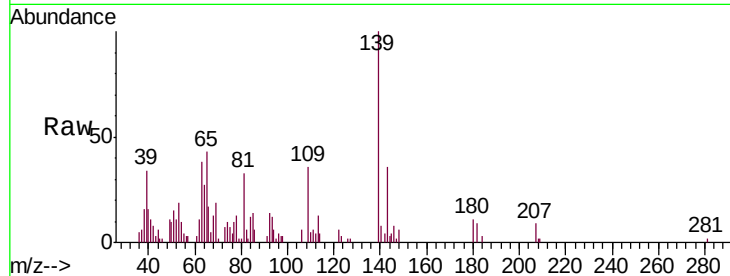




#23
 2-Nitrophenol
 Concen: 2.713 ng/ul
 RT: 9.39 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BM024004.D
 Acq: 04 Dec 2019 16:37

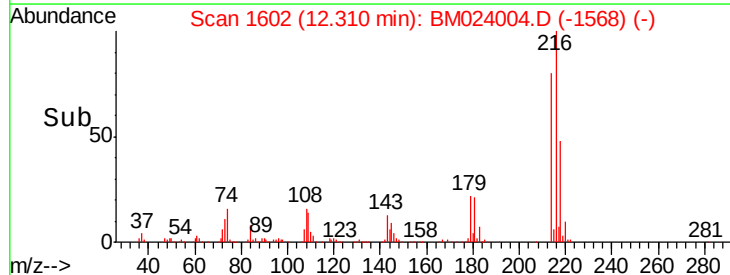
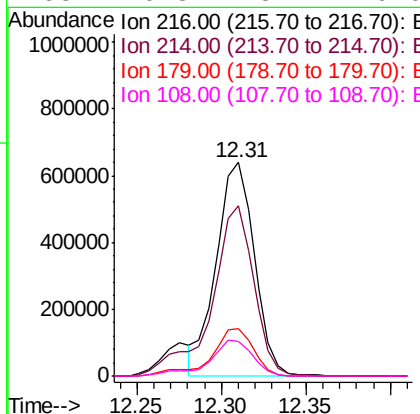
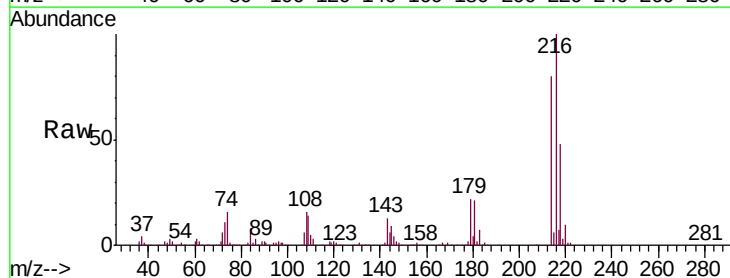
Instrument :
 BNA_M
 ClientSampleId :
 A5169

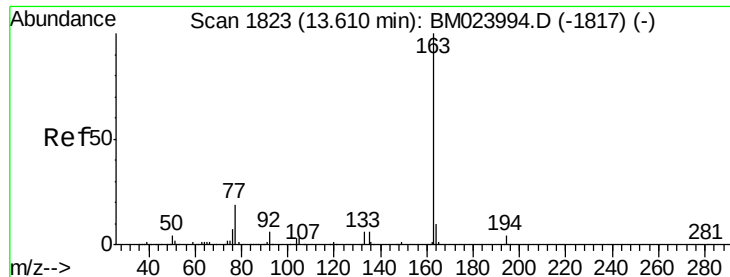
Tgt Ion:139 Resp: 32079
 Ion Ratio Lower Upper
 139 100
 65 43.2 40.2 60.2
 109 36.2 23.8 35.8#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.685 ng/ul
 RT: 12.31 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BM024004.D
 Acq: 04 Dec 2019 16:37

Tgt Ion:216 Resp: 1004781
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.0 94.6
 179 22.3 18.1 27.1
 108 16.3 13.4 20.0





#45

Dimethylphthalate

Concen: 2.148 ng/uL

RT: 13.61 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM024004.D

Acq: 04 Dec 2019 16:37

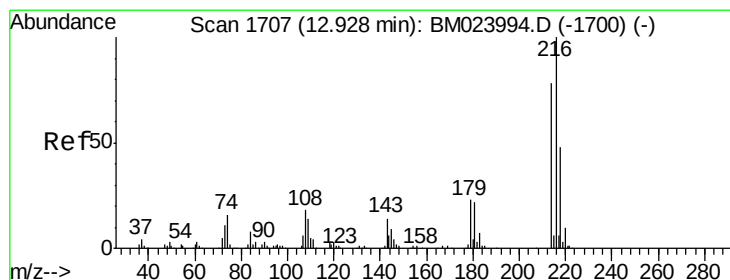
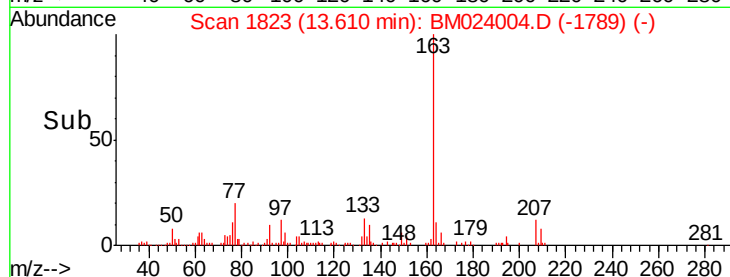
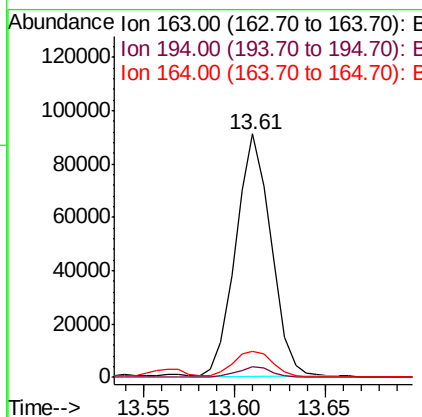
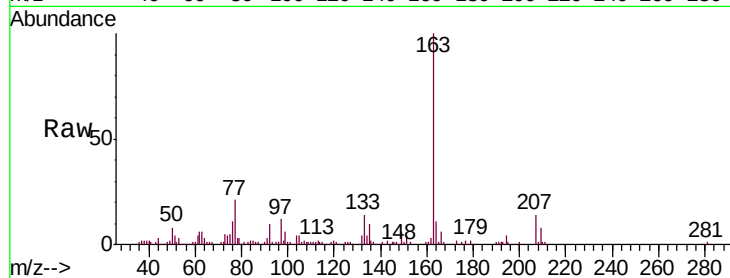
Instrument :

BNA_M

ClientSampleId :

A5169

Tgt Ion:	163	Resp:	123297
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.8	7.9	11.9



#73

1,2,3,4-Tetrachlorobenzene

Concen: 151.071 ng/uL

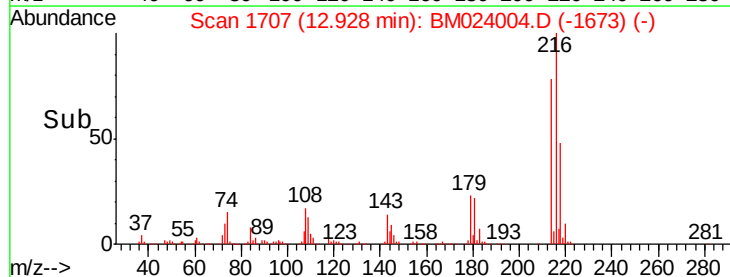
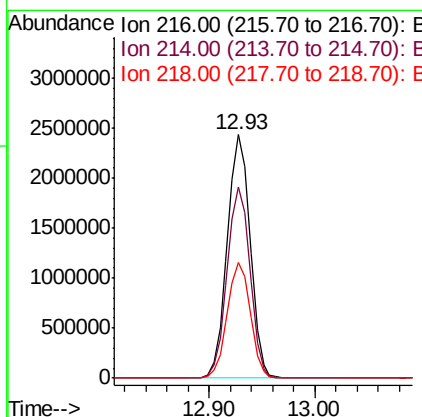
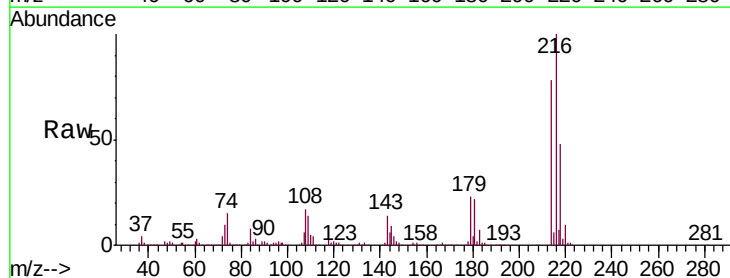
RT: 12.93 min Scan# 1707

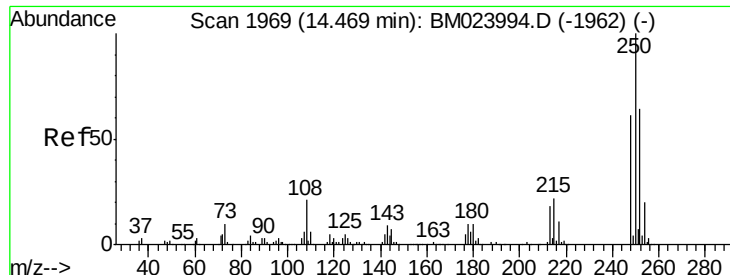
Delta R.T. -0.00 min

Lab File: BM024004.D

Acq: 04 Dec 2019 16:37

Tgt Ion:	216	Resp:	3652046
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
218	47.7	38.0	57.0





#74

Pentachlorobenzene

Concen: 3.647 ng/uL

RT: 14.47 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BM024004.D

Acq: 04 Dec 2019 16:37

Instrument :

BNA_M

ClientSampleId :

A5169

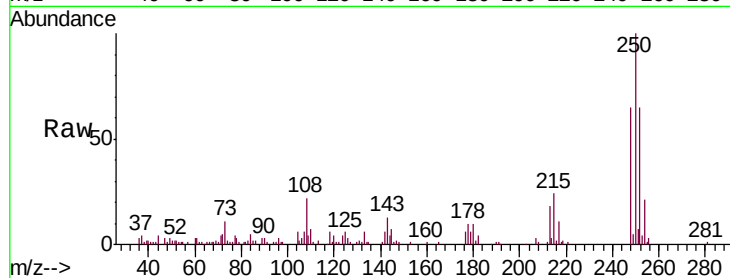
Tgt Ion:250 Resp: 94817

Ion Ratio Lower Upper

250 100

248 64.8 48.6 73.0

252 65.4 51.4 77.2



Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

