

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
 Data File : BM026005.D
 Acq On : 16 May 2020 01:52
 Operator : MA/SJ
 Sample : L2655-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 03:25:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 15 12:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	157620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	645300	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	372746	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	786287	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	808171	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	858795	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	30460	5.83	ng/uL	0.00
5) Phenol-d5	6.69	99	114030	7.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	402598	40.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	331815	29.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	151741	14.08	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	213664	40.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	225595	43.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	354249	33.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	41502	3.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1295328	43.33	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	1488617	42.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	41789	7.89	ng/ul	0.00
58) Fluorene-d10	15.15	176	1154006	44.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	216085	47.13	ng/ul	0.00
71) Anthracene-d10	17.00	188	1762148	45.48	ng/ul	0.00
79) Pyrene-d10	19.30	212	2108328	50.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2238779	48.98	ng/ul	0.00

Target Compounds

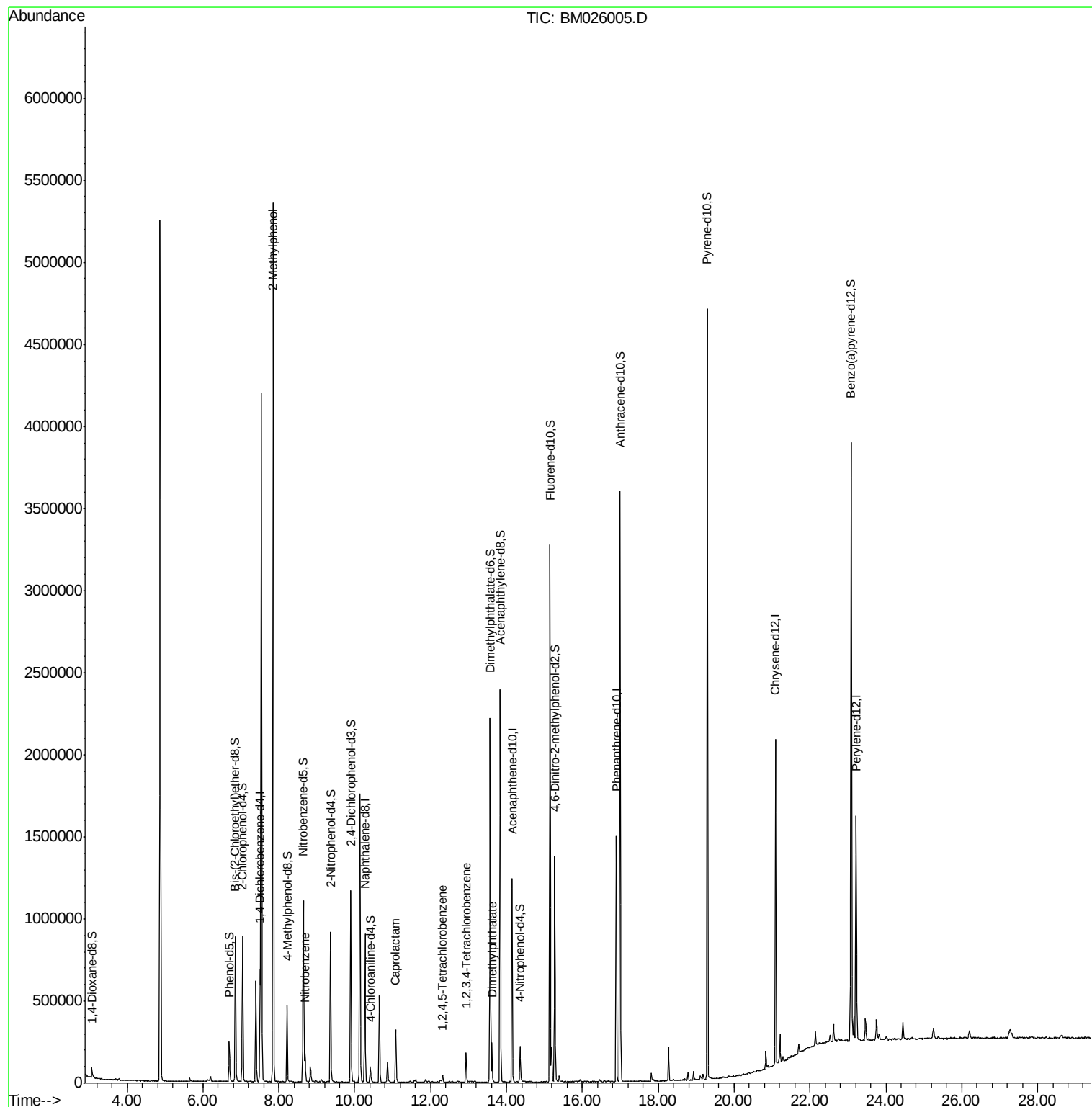
					Ovalue
11) 2-Methylphenol	7.85	108	16495	1.494 ng/ul	96
20) Nitrobenzene	8.69	77	104777	6.485 ng/ul	98
32) Caprolactam	11.09	113	14041	4.659 ng/ul#	25
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	14406	1.078 ng/ul	94
45) Dimethylphthalate	13.62	163	123488	3.935 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	49318	3.755 ng/uL	99

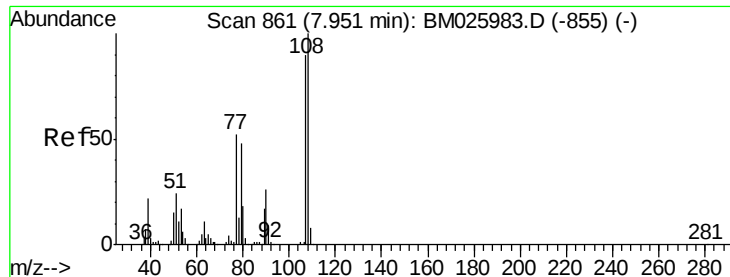
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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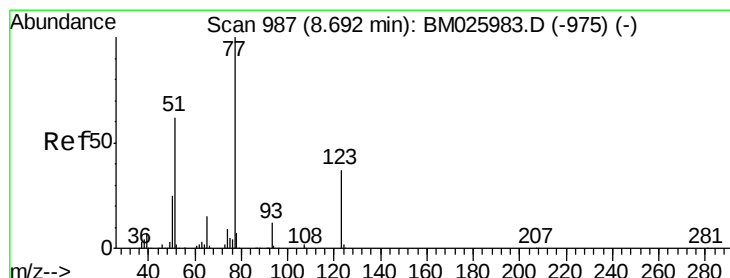
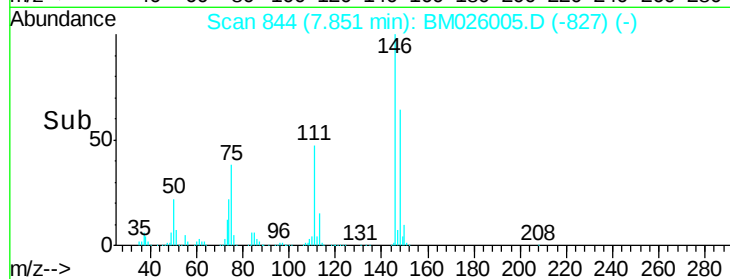
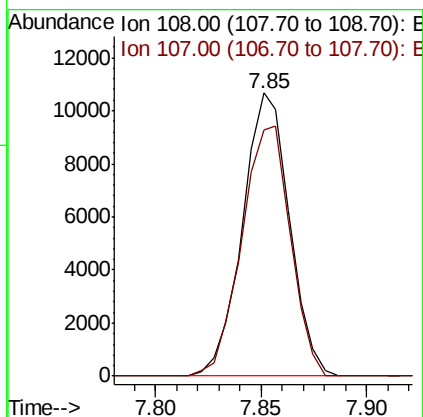
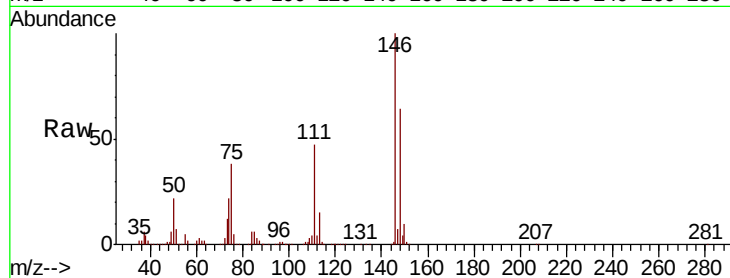




#11
2-Methylphenol
Concen: 1.494 ng/ul
RT: 7.85 min Scan# 844
Delta R.T. -0.10 min
Lab File: BM026005.D
Acq: 16 May 2020 01:52

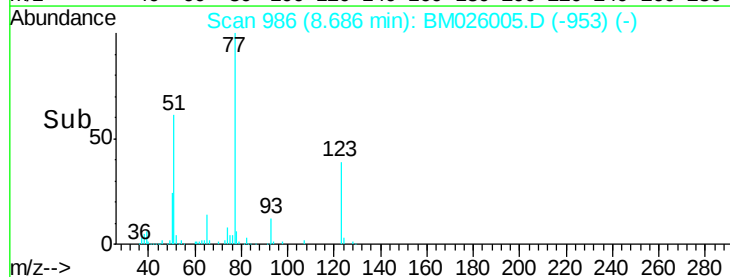
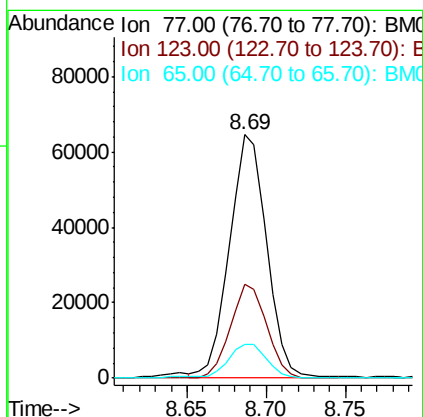
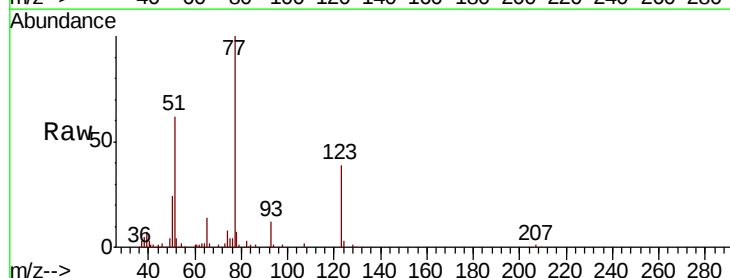
Instrument :
BNA_M
ClientSampleId :

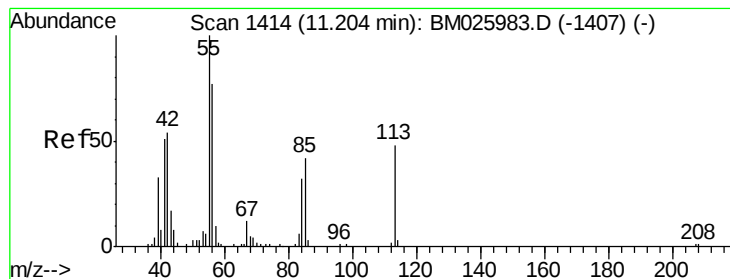
Tot Ion:108 Resp: 16495
Ion Ratio Lower Upper
108 100
107 86.8 72.3 108.5



#20
Nitrobenzene
Concen: 6.485 ng/ul
RT: 8.69 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM026005.D
Acq: 16 May 2020 01:52

Tgt Ion: 77 Resp: 104777
Ion Ratio Lower Upper
77 100
123 38.7 29.5 44.3
65 13.9 11.0 16.4





#32

Caprolactam

Concen: 4.659 ng/ul

RT: 11.09 min Scan# 1394

Delta R.T. -0.12 min

Lab File: BM026005.D

Acq: 16 May 2020 01:52

Instrument :

BNA_M

ClientSampled :

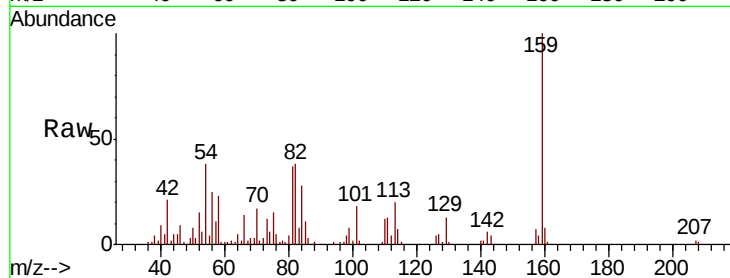
Tot Ion:113 Resp: 14041

Ion Ratio Lower Upper

113 100

55 20.8 160.6 241.0#

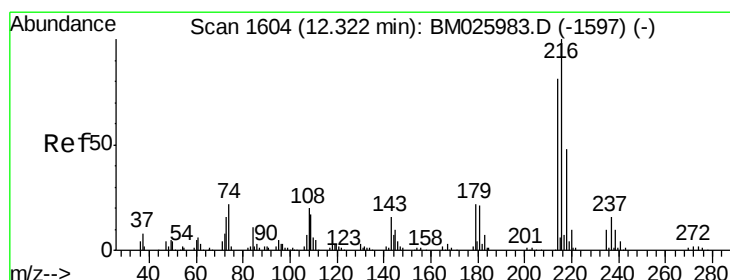
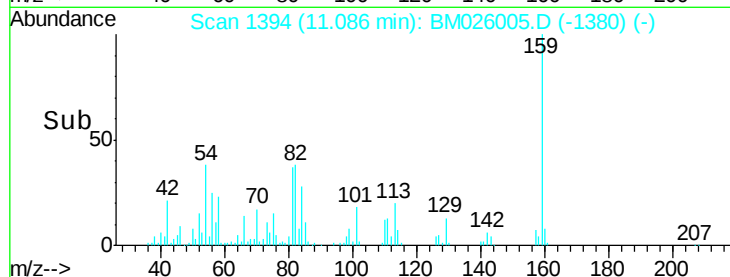
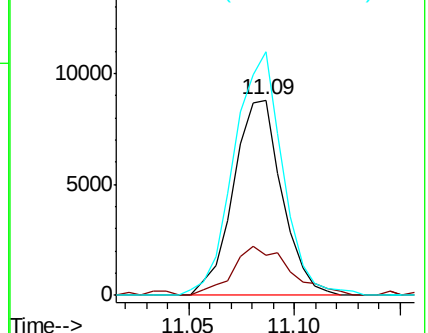
56 124.6 114.6 172.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.078 ng/ul

RT: 12.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM026005.D

Acq: 16 May 2020 01:52

Tgt Ion:216 Resp: 14406

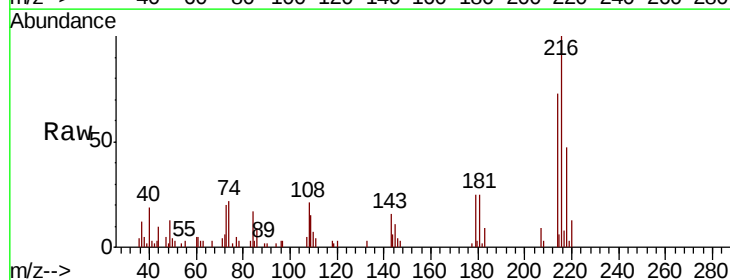
Ion Ratio Lower Upper

216 100

214 73.5 62.7 94.1

179 24.6 17.0 25.6

108 21.3 15.1 22.7

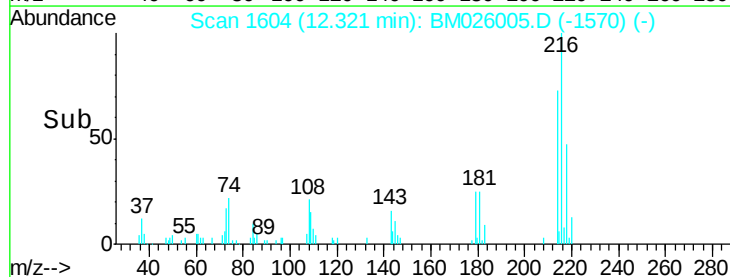
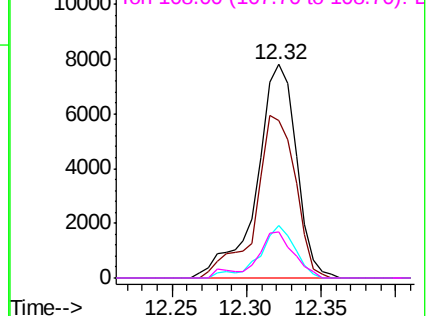


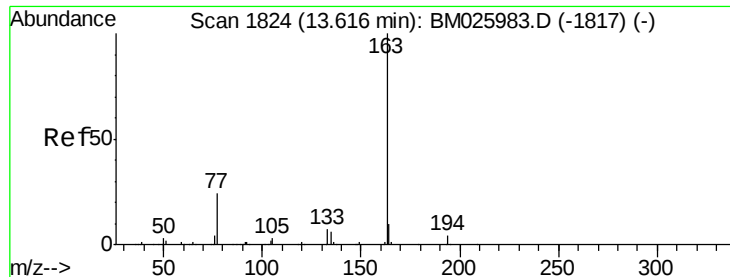
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

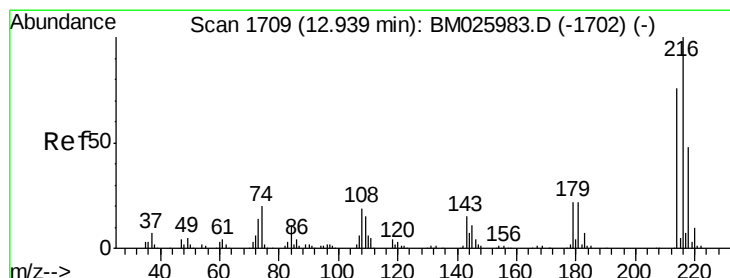
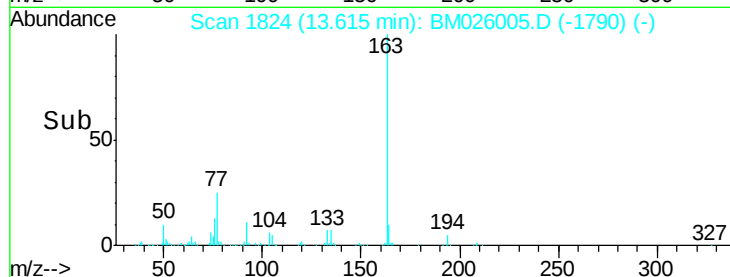
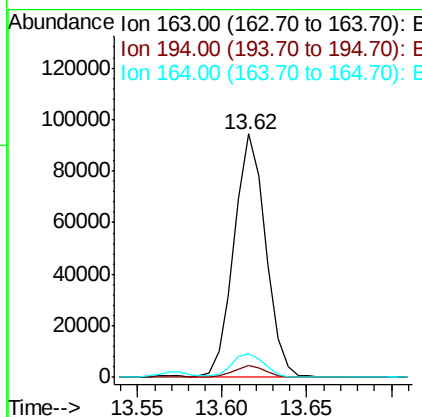
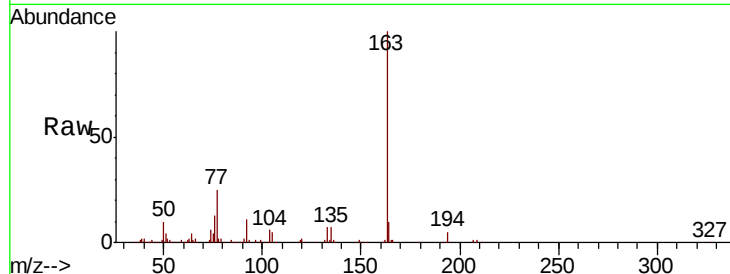




#45
Dimethylphthalate
Concen: 3.935 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BM026005.D
Acq: 16 May 2020 01:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	9.7	8.0	12.0



#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.755 ng/uL
RT: 12.93 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM026005.D
Acq: 16 May 2020 01:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.7	92.5
218	49.2	38.4	57.6

