

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025798.D
 Acq On : 26 Mar 2020 13:11
 Operator : CG/JU
 Sample : L1941-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DL7DL

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:16:10 AM

Quant Time: Mar 26 15:21:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 00:45:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	145161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	544755	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	330104	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	711666	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	788638	20.00	ng/ul	-0.01
86) Perylene-d12	23.29	264	877040	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.75	99	13353	1.17	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	41195	6.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	44537	4.79	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	26292	2.79	ng/ul	-0.01
19) Nitrobenzene-d5	8.70	128	28352	7.00	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.43	143	26526	6.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	51260	5.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	3815	0.37	ng/ul	-0.01
44) Dimethylphthalate-d6	13.62	166	182889	7.29	ng/ul	-0.01
47) Acenaphthylene-d8	13.89	160	213704	7.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	2716	0.57	ng/ul	0.00
58) Fluorene-d10	15.20	176	162680	7.39	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	14395	3.32	ng/ul	-0.01
71) Anthracene-d10	17.05	188	250074	7.52	ng/ul	0.00
79) Pyrene-d10	19.34	212	277754	7.33	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.16	264	331637	7.39	ng/ul	-0.02
Target Compounds						
20) Nitrobenzene	8.75	77	137219	13.911	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	185320m	17.750	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	605173	55.495	ng/uL	100
74) Pentachlorobenzene	14.53	250	16024	1.320	ng/uL	92

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

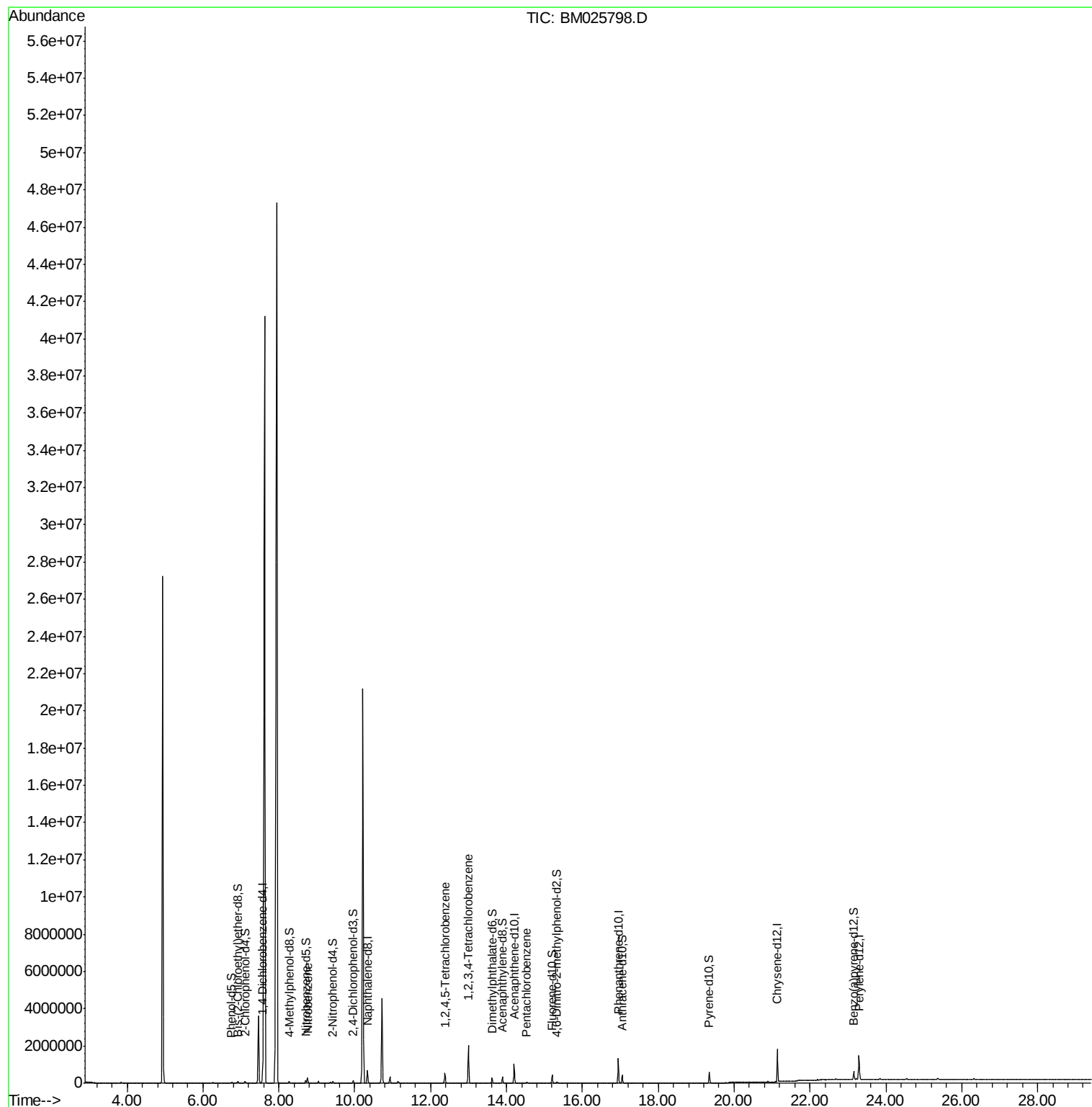
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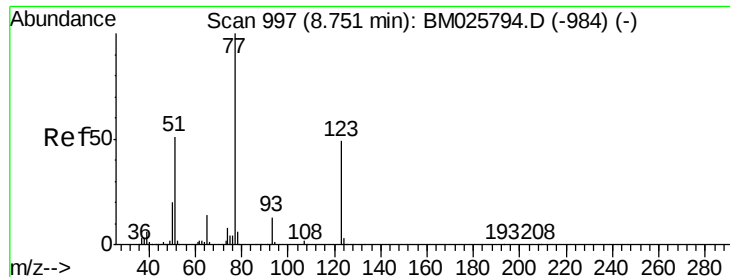
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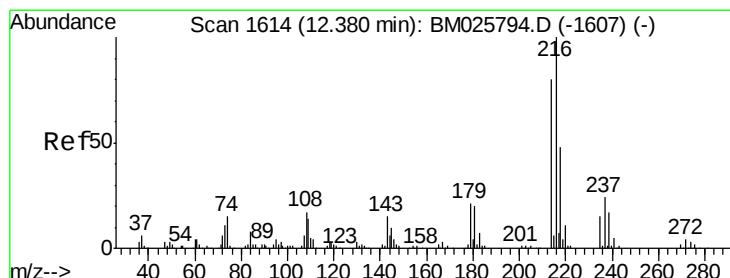
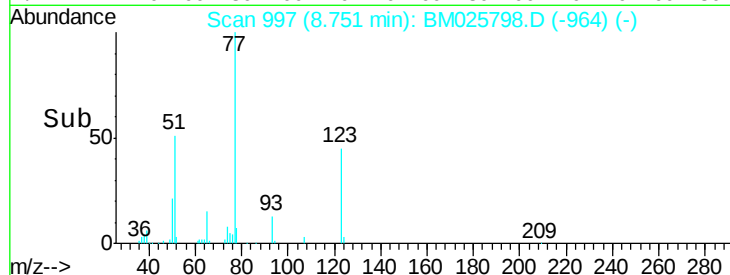
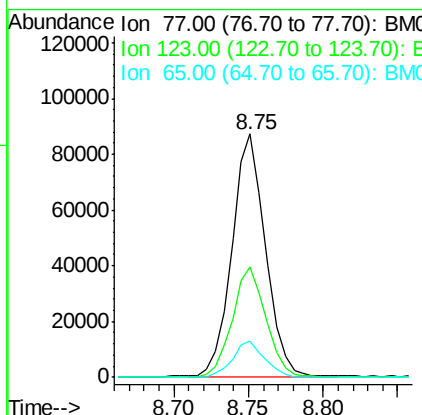
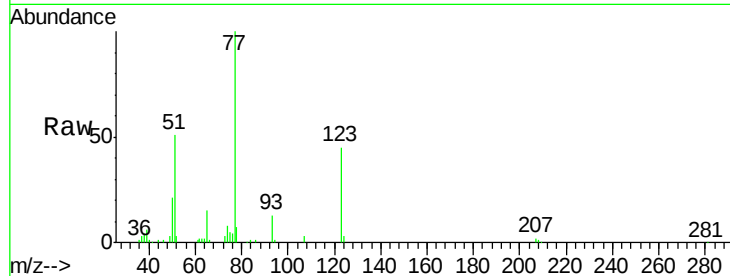
#20
Nitrobenzene
Concen: 13.911 ng/ul
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM025798.D
Acq: 26 Mar 2020 13:11

Instrument :
BNA_M
ClientSampleId :
C0DL7DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.7	56.5
65	14.7	11.1	16.7

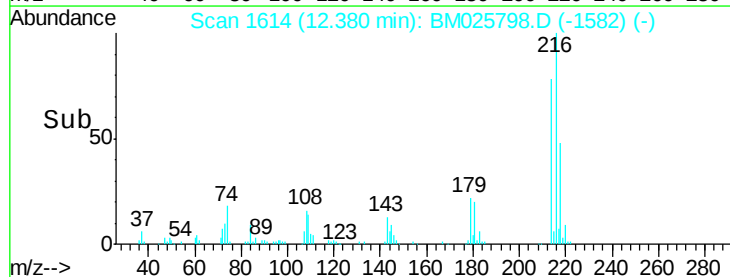
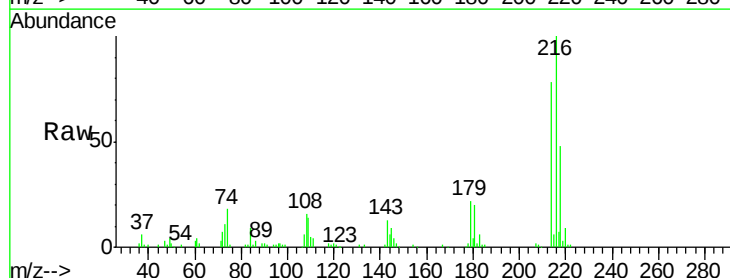
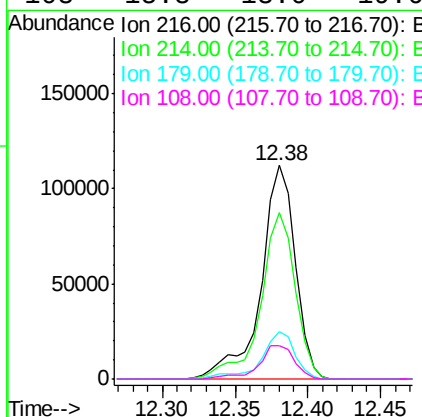
Manual Integrations
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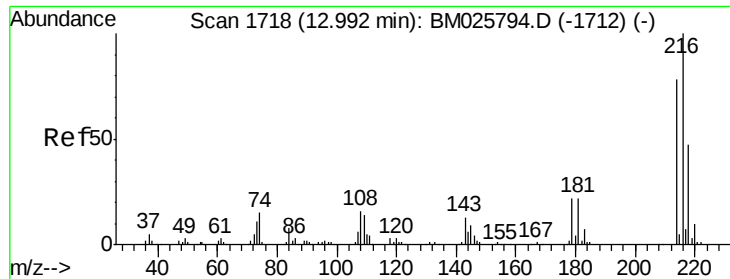
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 17.750 ng/ul m
RT: 12.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM025798.D
Acq: 26 Mar 2020 13:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.9	92.9
179	22.3	16.6	24.8
108	15.8	13.0	19.6





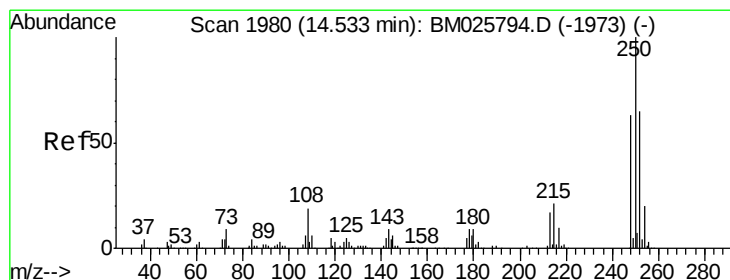
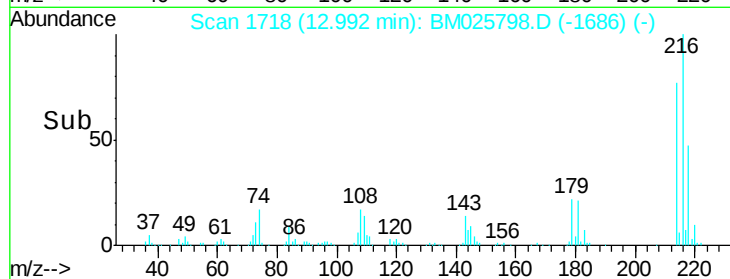
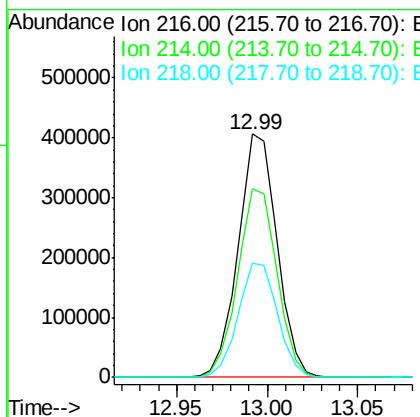
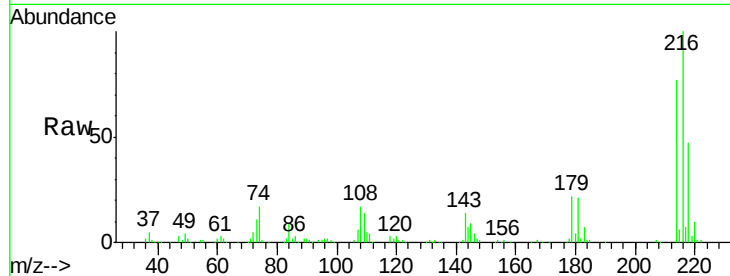
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 55.495 ng/uL
 RT: 12.99 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM025798.D
 Acq: 26 Mar 2020 13:11

Instrument :
 BNA_M
 ClientSampleId :
 C0DL7DL

Tot Ion	Ratio	Resp	Lower	Upper
216	100	605173		
214	77.5	61.8	92.6	
218	47.1	37.3	55.9	

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#74
 Pentachlorobenzene
 Concen: 1.320 ng/uL
 RT: 14.53 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM025798.D
 Acq: 26 Mar 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	16024		
248	55.4	50.3	75.5	
252	60.3	51.9	77.9	

