

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021498.D
 Acq On : 17 Jul 2019 20:26
 Operator : HP/JU
 Sample : K3787-05DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C93DL

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:45 PM

Quant Time: Jul 18 03:41:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	176956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	687423	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	391068	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.12	188	883510	20.00	ng/ul	-0.01
77) Chrysene-d12	21.31	240	798458	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	907116	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	855	0.24	ng/uL	0.01
5) Phenol-d5	6.90	99	31723	2.31	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	54986	6.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	68790	5.81	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	43665	3.98	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	38137	6.74	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	39251	6.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	76502	5.99	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	19572	1.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	263746	7.70	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	291308	6.77	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.62	143	5787m	1.07	ng/ul	0.02
57) Fluorene-d10	15.36	176	228715	7.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	16648	2.80	ng/ul	0.00
70) Anthracene-d10	17.22	188	342096	7.45	ng/ul	-0.01
78) Pyrene-d10	19.52	212	371541	8.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	390914	7.49	ng/ul	-0.01

Target Compounds

					Ovalue
20) Nitrobenzene	8.93	77	457280	36.055 ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	140011	9.206 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	462535	31.936 ng/uL	100

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

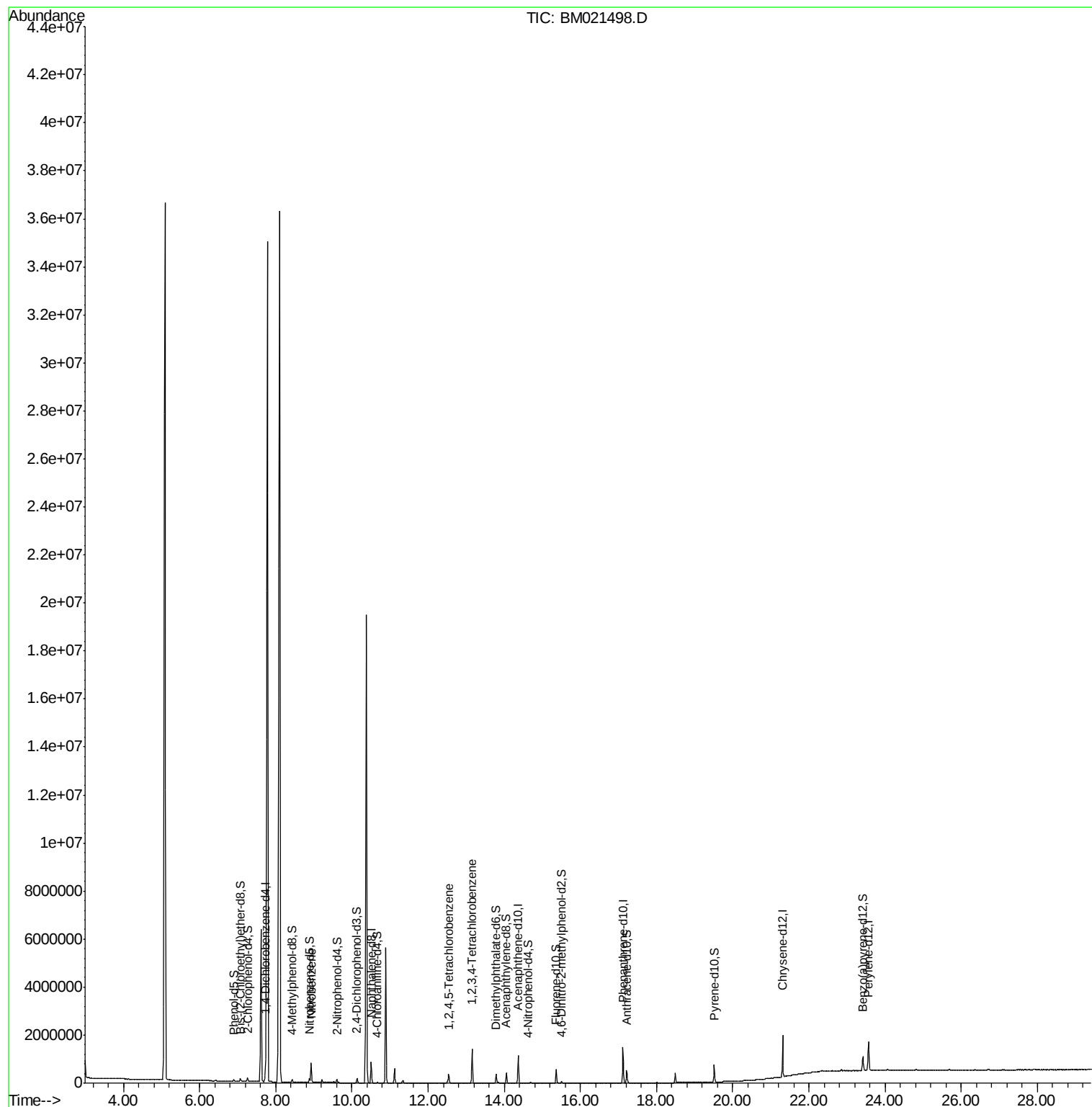
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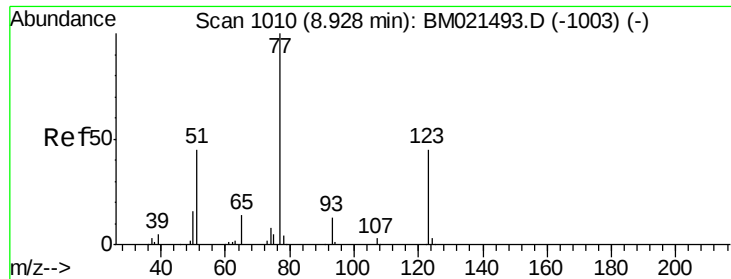
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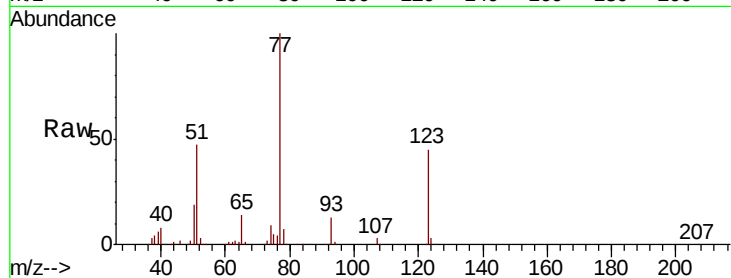
#20
Nitrobenzene
Concen: 36.055 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

Instrument :
BNA_M
ClientSampleId :
C0C93DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.3	51.5
65	13.5	10.5	15.7

Manual Integrations
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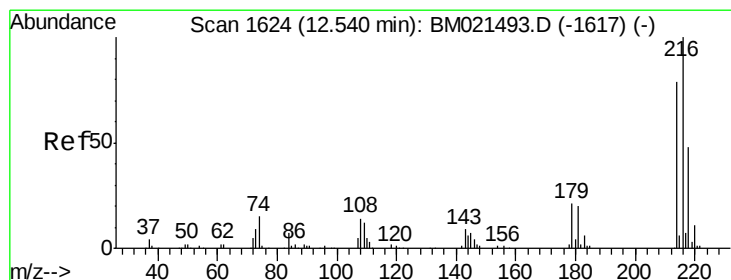
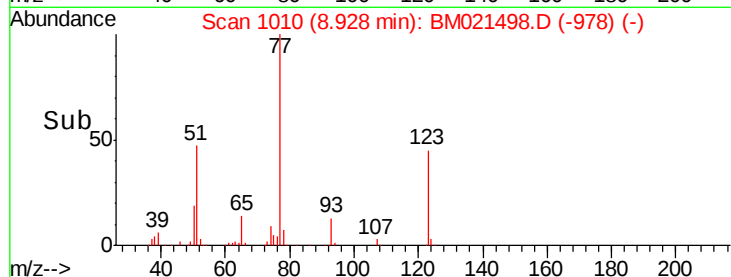
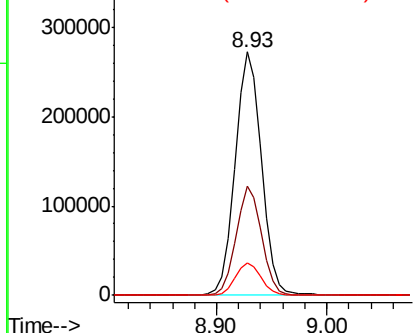


Abundance

Ion 77.00 (76.70 to 77.70): BM021498.D (-1003) (-)

Ion 123.00 (122.70 to 123.70): BM021498.D (-1003) (-)

Ion 65.00 (64.70 to 65.70): BM021498.D (-1003) (-)



#36
1,2,4,5-Tetrachlorobenzene
Concen: 9.206 ng/ul
RT: 12.54 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	19.4	16.2	24.2
108	14.2	11.2	16.8

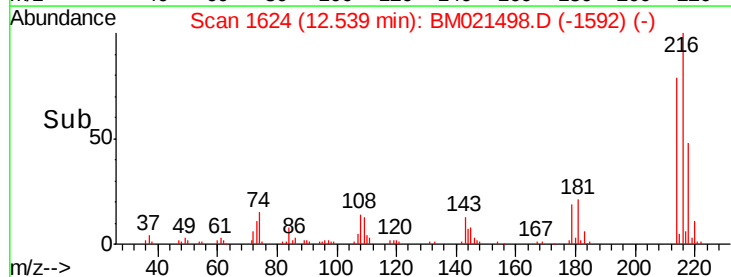
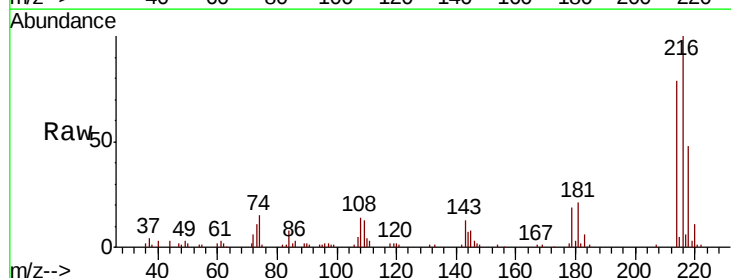
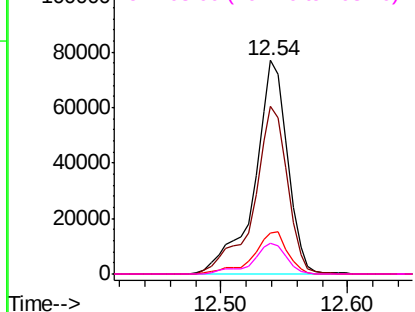
Abundance

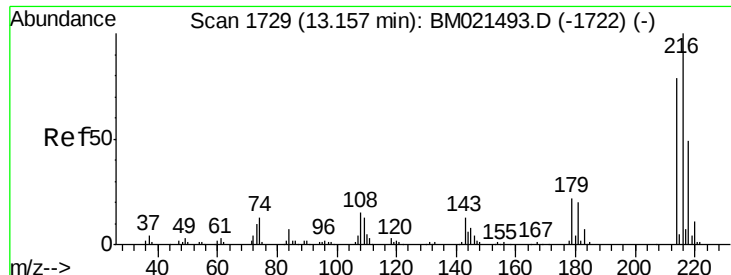
Ion 216.00 (215.70 to 216.70): BM021498.D (-1592) (-)

Ion 214.00 (213.70 to 214.70): BM021498.D (-1592) (-)

Ion 179.00 (178.70 to 179.70): BM021498.D (-1592) (-)

Ion 108.00 (107.70 to 108.70): BM021498.D (-1592) (-)





#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 31.936 ng/uL
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BM021498.D
 Acq: 17 Jul 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 C0C93DL

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.1	94.7
218	49.1	38.8	58.2

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