

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025741.D
 Acq On : 24 Mar 2020 22:32
 Operator : CG/JU
 Sample : L1940-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DB7

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:14:43 AM

Quant Time: Mar 25 00:50:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 23:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	182315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	742565	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	462584	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1005525	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1095422	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1235090	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	5089	1.17	ng/uL	0.00
5) Phenol-d5	6.76	99	62153	4.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	194342	23.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	225833	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	95708	8.10	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	140145	25.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	144417	24.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	265455	22.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	3266	0.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	971748	27.64	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	949700	22.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	25098	3.75	ng/ul	0.00
58) Fluorene-d10	15.20	176	878247	28.46	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	127800	20.83	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1423379	30.31	ng/ul	0.00
79) Pyrene-d10	19.35	212	1610433	30.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1962060	31.03	ng/ul	-0.01

Target Compounds

					Ovalue
27) 2,4-Dichlorophenol	9.99	162	31413m	2.639	ng/ul
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	56573	3.867	ng/ul 96
45) Dimethylphthalate	13.67	163	123866	3.385	ng/ul 99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	52727	3.422	ng/uL 99

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

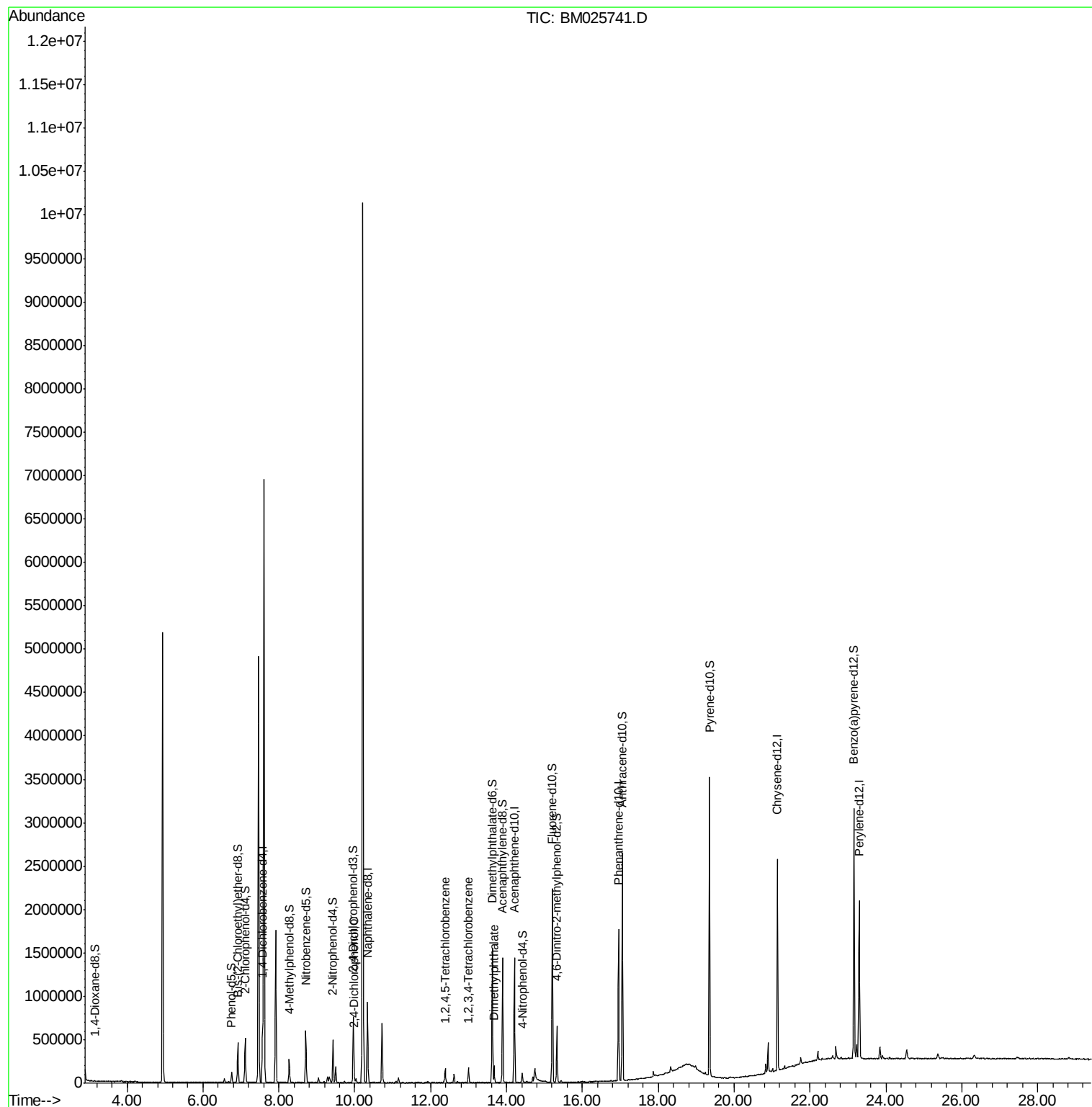
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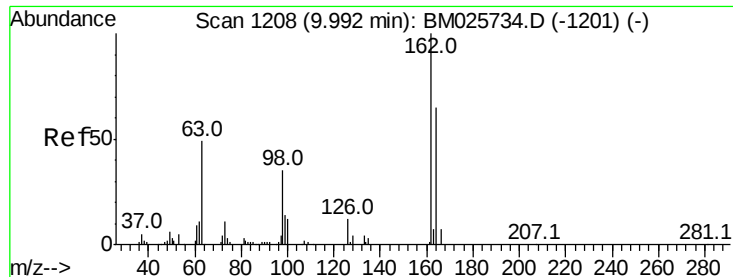
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#27

2,4-Dichlorophenol

Concen: 2.639 ng/ul m

RT: 9.99 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM025741.D

Acq: 24 Mar 2020 22:32

Instrument :

BNA_M

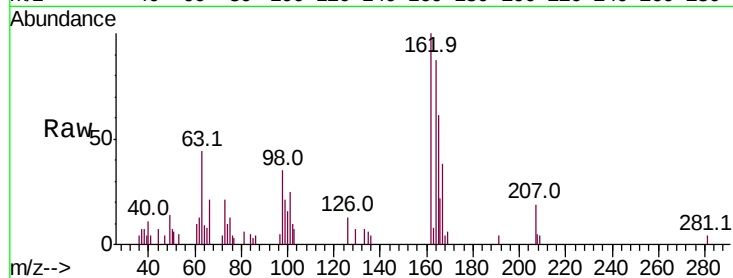
ClientSampleId :

C0DB7

Tot Ion:	162	Resp:	31413
Ion Ratio	Lower	Upper	
162	100		
164	87.0	52.6	79.0#
98	34.9	27.8	41.6

Manual Integrations
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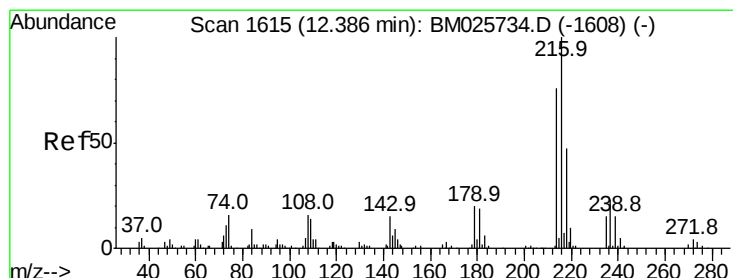
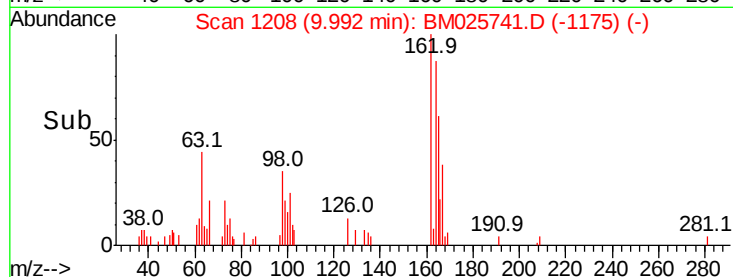
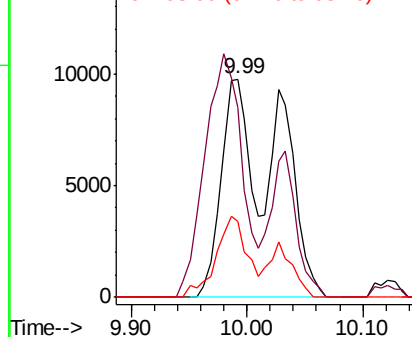


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.867 ng/ul

RT: 12.39 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM025741.D

Acq: 24 Mar 2020 22:32

Tgt Ion:	216	Resp:	56573
Ion Ratio	Lower	Upper	
216	100		
214	81.1	61.9	92.9
179	23.2	16.6	24.8
108	16.8	13.0	19.6

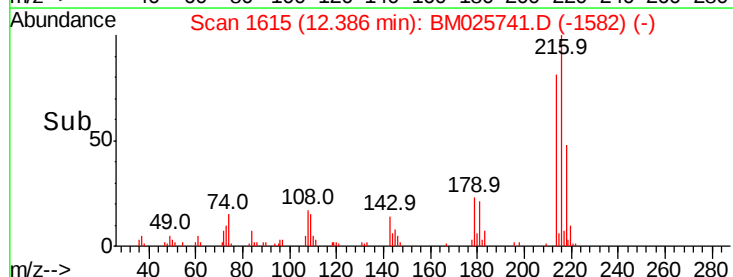
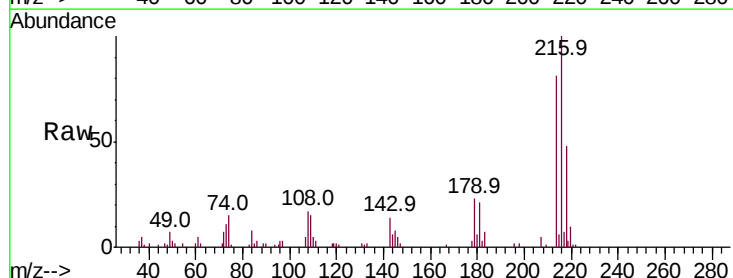
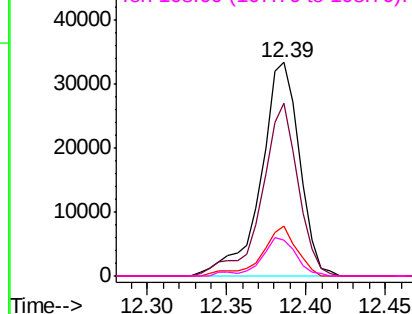
Abundance

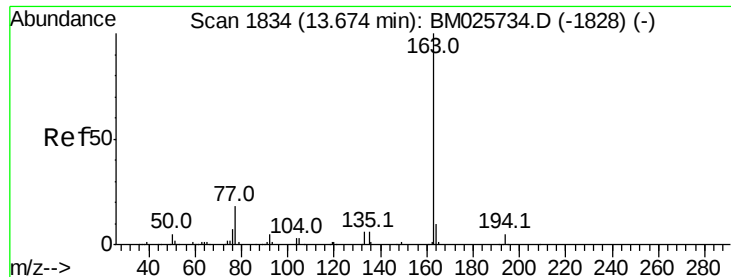
Ion 216.00 (215.70 to 216.70): E

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





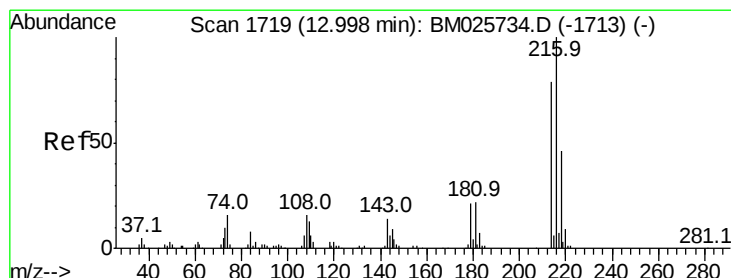
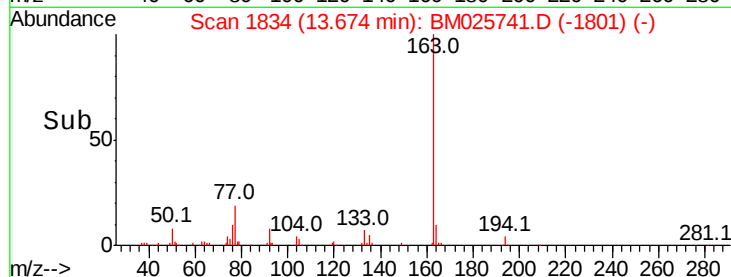
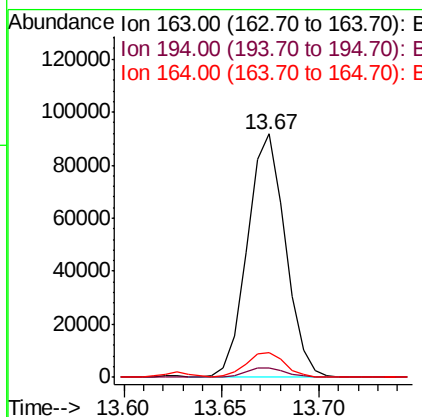
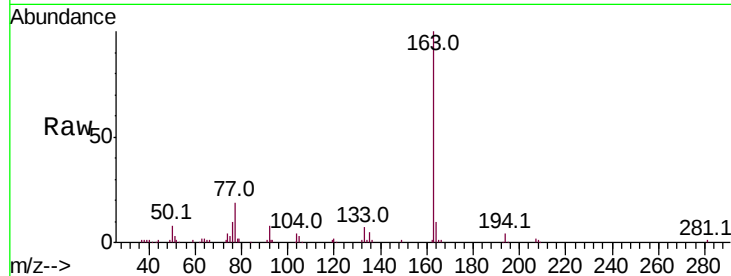
#45
Dimethylphthalate
Concen: 3.385 ng/ul
RT: 13.67 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM025741.D
Acq: 24 Mar 2020 22:32

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	123866		
194	3.8		3.5	5.3
164	9.9		8.2	12.4

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#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.422 ng/uL
RT: 13.00 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM025741.D
Acq: 24 Mar 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	52727		
214	77.2		61.8	92.6
218	48.3		37.3	55.9

