

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
 Data File : BM019423.D
 Acq On : 25 Mar 2019 10:09
 Operator : JU/SJ
 Sample : K2027-09DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0988DL

Quant Time: Mar 26 06:36:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	138382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	564862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	313748	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	700146	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	707221	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	786424	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.10	96	263	0.07	ng/uL	-0.05
5) Phenol-d5	6.80	99	6341	0.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	21046	2.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	22570	2.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	11470	1.24	ng/ul	0.02
19) Nitrobenzene-d5	8.77	128	12584	3.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	12410	2.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	20064	2.37	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.69	166	80689	3.19	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	97476	3.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.26	176	75835	3.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	4102	0.89	ng/ul	0.02
71) Anthracene-d10	17.12	188	110164	3.28	ng/ul	0.00
79) Pyrene-d10	19.43	212	123796	3.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	140443	3.37	ng/ul	0.00

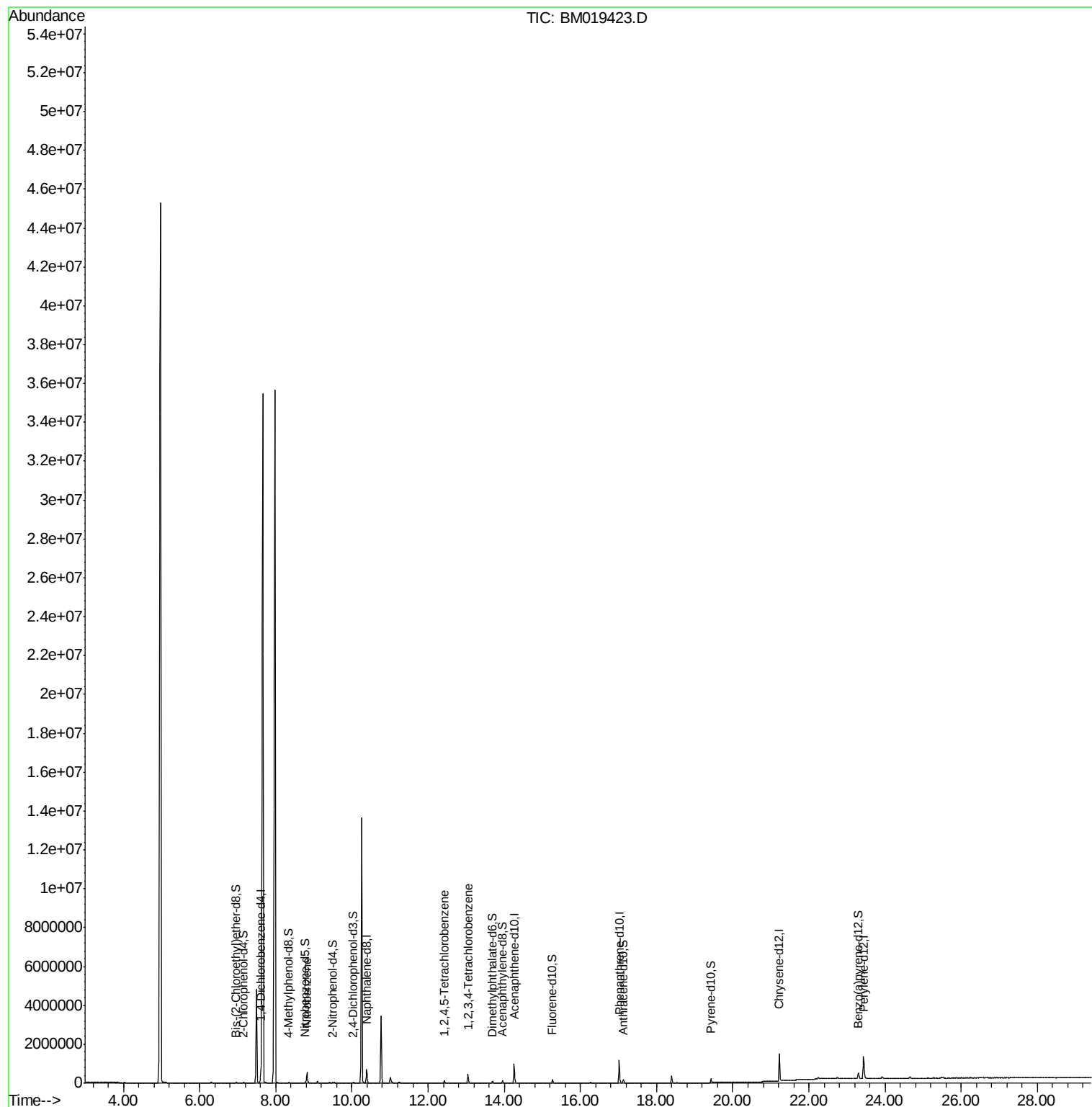
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Nitrobenzene	8.82	77	381046	31.768	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	45443	4.552	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	151038	14.879	ng/uL	98

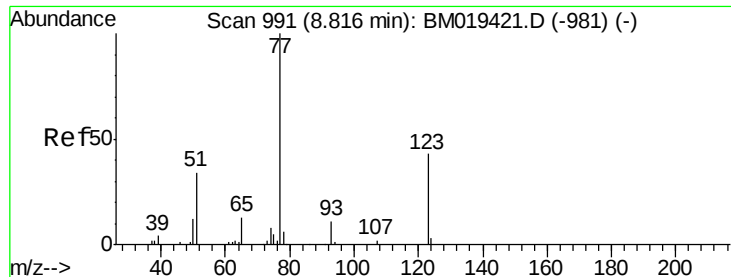
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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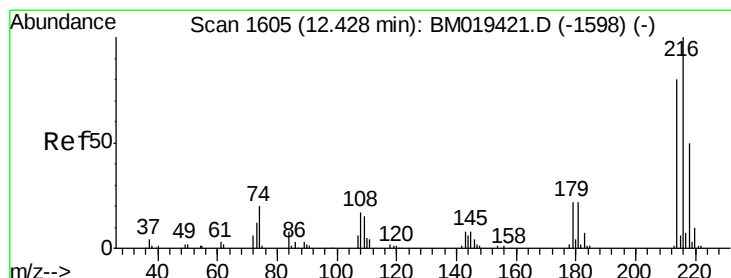
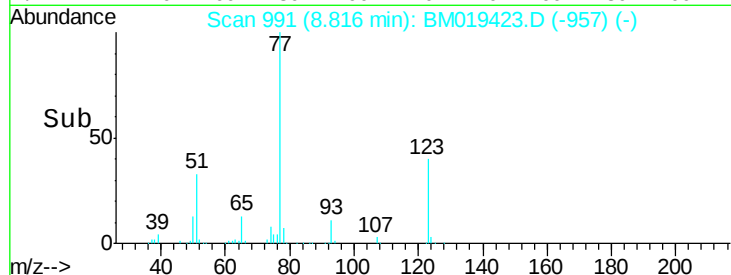
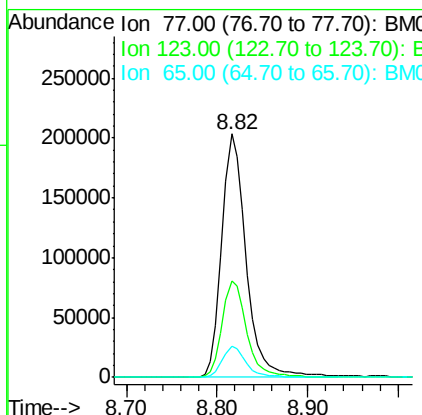
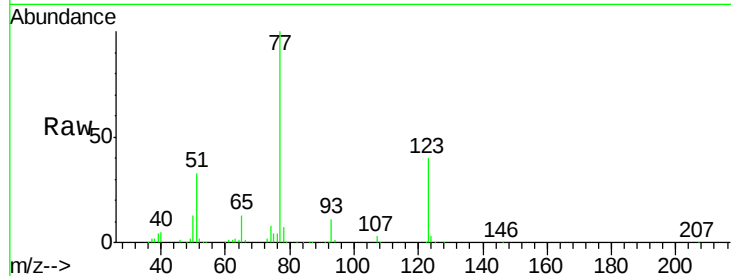




#20
Nitrobenzene
Concen: 31.768 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM019423.D
Acq: 25 Mar 2019 10:09

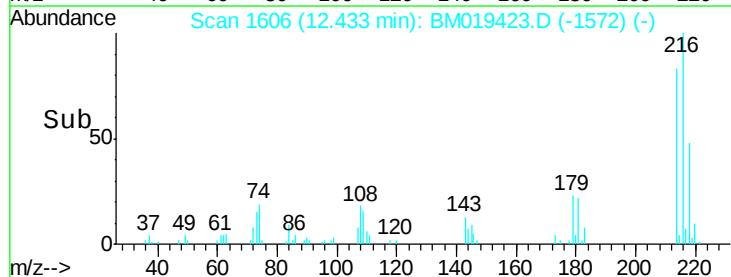
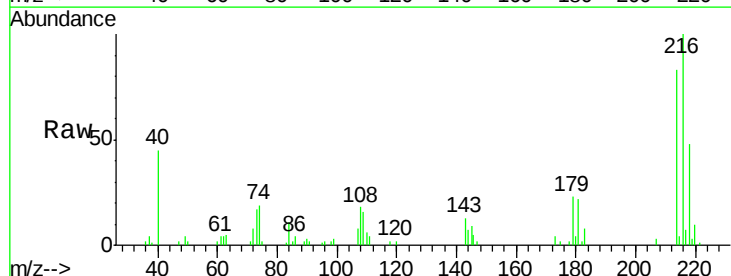
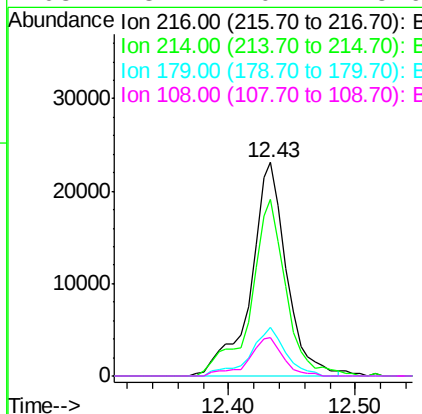
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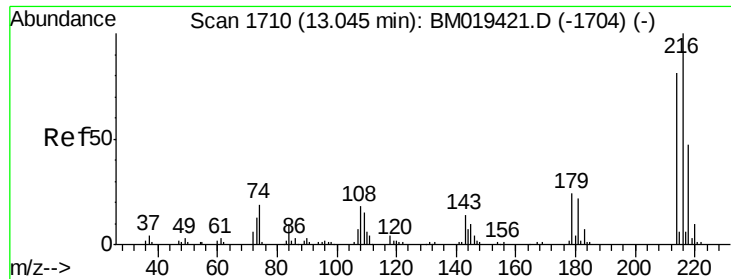
Tot Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.8	47.8
65	13.0	10.6	16.0



#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.552 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BM019423.D
Acq: 25 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.8	64.1	96.1
179	22.6	14.5	21.7#
108	18.2	10.4	15.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 14.879 ng/uL

RT: 13.05 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BM019423.D

Acq: 25 Mar 2019 10:09

Instrument :

BNA_M

ClientSampleId :

C0988DL

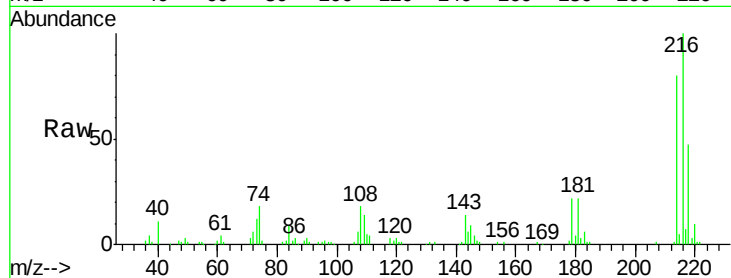
Tot Ion:216 Resp: 151038

Ion Ratio Lower Upper

216 100

214 79.7 64.1 96.1

218 46.6 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

