

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019357.D
 Acq On : 23 Mar 2019 18:11
 Operator : JU/SJ
 Sample : K1968-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E9

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:25:36 PM

Quant Time: Mar 24 06:01:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 24 04:53:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	132510	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	557338	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	318704	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	705883	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	741927	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	841710	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14539	4.30	ng/uL	0.00
5) Phenol-d5	6.80	99	71200	6.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	241116	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	236750	26.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	138900	15.68	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	135522	34.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	155951	35.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	254268	30.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	7049m	0.70	ng/ul	0.07
44) Dimethylphthalate-d6	13.69	166	946694	36.81	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1161967	36.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	15544m	3.86	ng/ul	0.04
58) Fluorene-d10	15.27	176	823010	37.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	130719	28.00	ng/ul	0.00
71) Anthracene-d10	17.13	188	1272746	37.57	ng/ul	0.00
79) Pyrene-d10	19.43	212	1395889	40.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1601388	35.89	ng/ul	-0.01

Target Compounds

					Ovalue	
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	31336	3.090	ng/ul#	89
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	30662	2.996	ng/uL	97

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

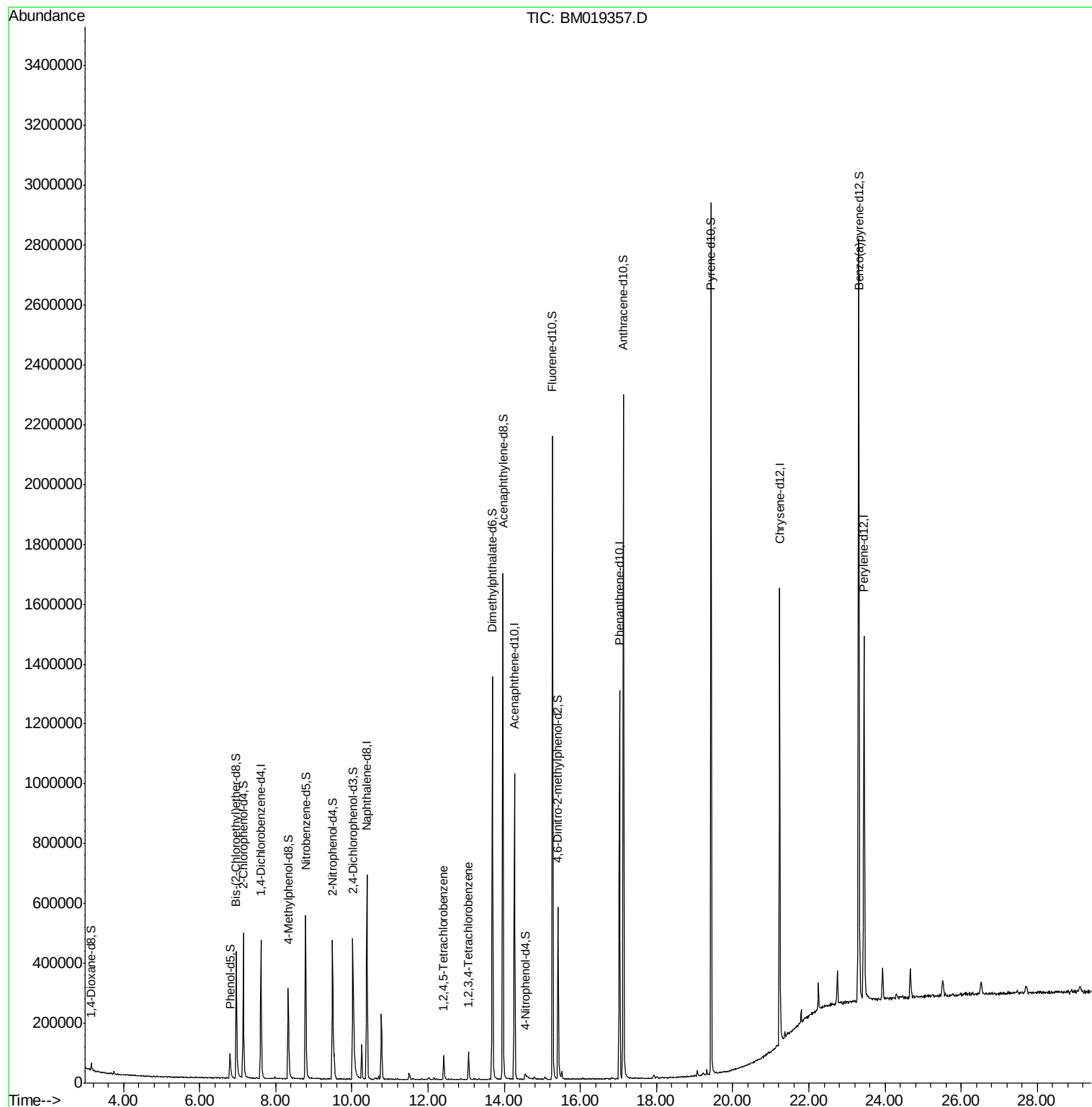
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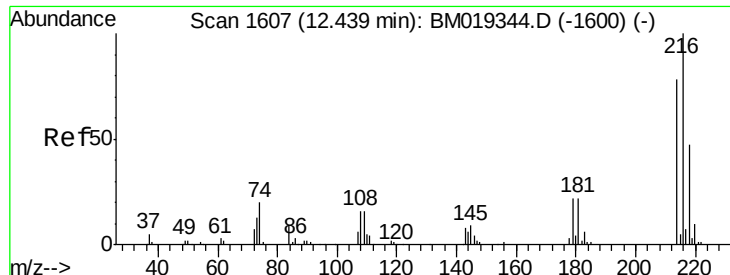
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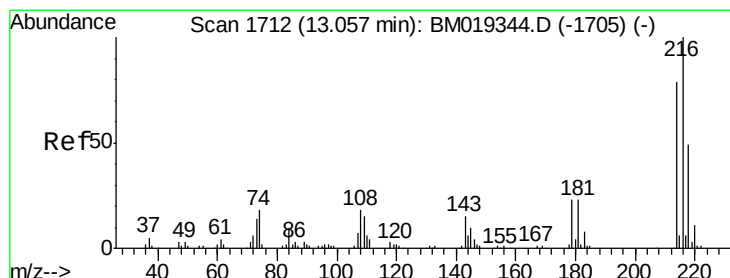
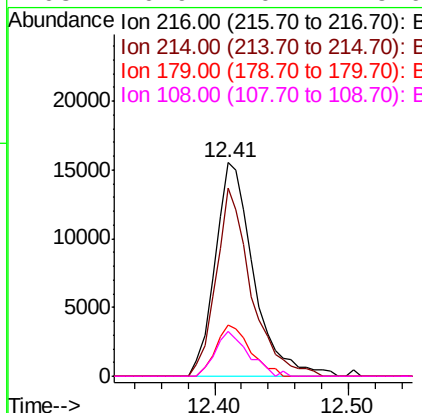
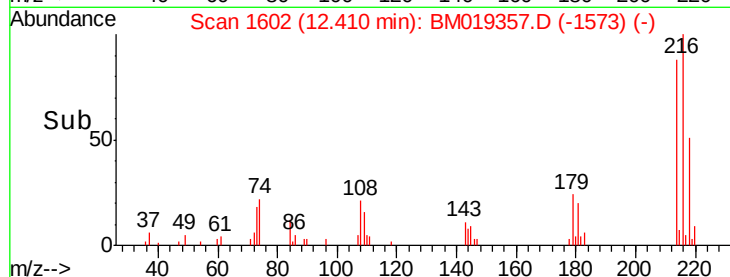
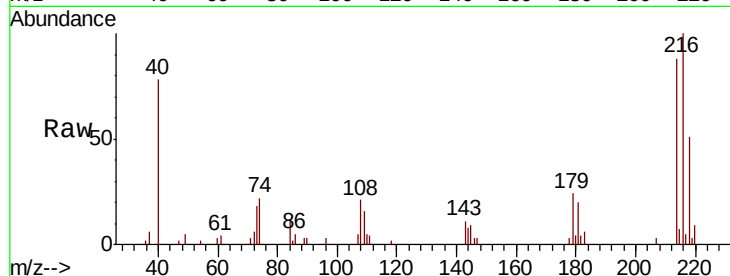
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.090 ng/ul
 RT: 12.41 min Scan# 1602
 Delta R.T. -0.03 min
 Lab File: BM019357.D
 Acq: 23 Mar 2019 18:11

Instrument :
 BNA_M
 ClientSampleId :
 C09E9

Tot Ion	Ratio	Lower	Upper
216	100		
214	88.0	64.1	96.1
179	24.0	14.5	21.7
108	20.9	10.4	15.6

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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.996 ng/uL
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BM019357.D
 Acq: 23 Mar 2019 18:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.7	64.1	96.1
218	47.7	39.4	59.0

