

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
 Data File : BM019450.D
 Acq On : 26 Mar 2019 02:27
 Operator : JU/SJ
 Sample : K2027-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E3

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:32:02 PM

Quant Time: Mar 26 07:32:46 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	185548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	719299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	390069	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	809991	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	828890	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	922914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16832	3.55	ng/uL	0.00
5) Phenol-d5	6.79	99	97079	5.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	256979	23.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	280567	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	176695	14.25	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	158029	30.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	177167	31.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	300820	27.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	23618	1.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	932771	29.64	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1202644	30.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	26545m	5.38	ng/ul	0.02
58) Fluorene-d10	15.26	176	800926	29.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	144887	27.05	ng/ul	0.00
71) Anthracene-d10	17.12	188	1209653	31.12	ng/ul	0.00
79) Pyrene-d10	19.42	212	1268821	33.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1431903	29.27	ng/ul	0.00

Target Compounds

				Ovalue	
20) Nitrobenzene	8.82	77	1079721	70.690	ng/ul 96
23) 2-Nitrophenol	9.52	139	10386	1.649	ng/ul# 92
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	241384	19.447	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	828691	70.567	ng/uL 98
74) Pentachlorobenzene	14.57	250	13940	1.135	ng/uL 97

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

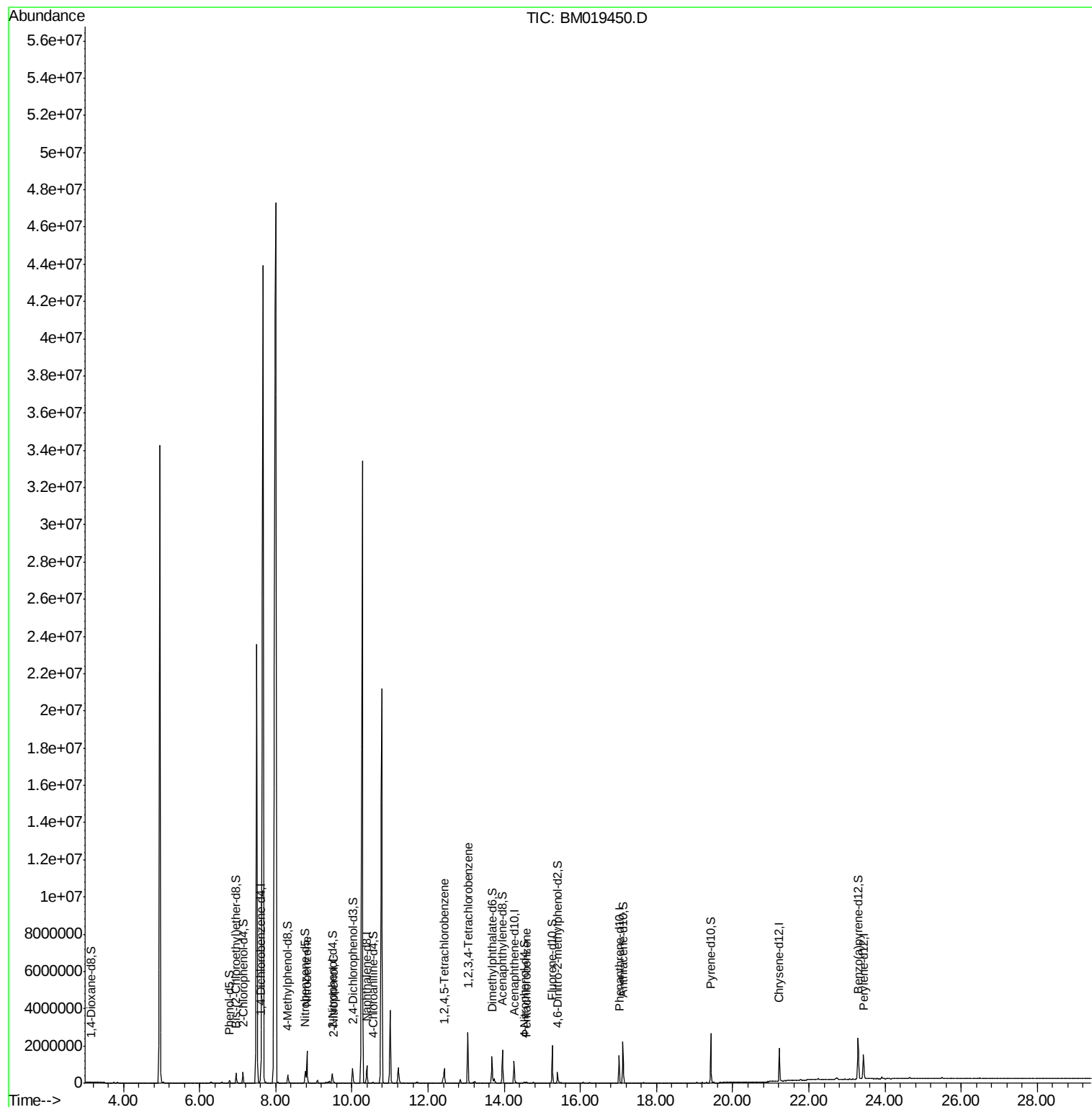
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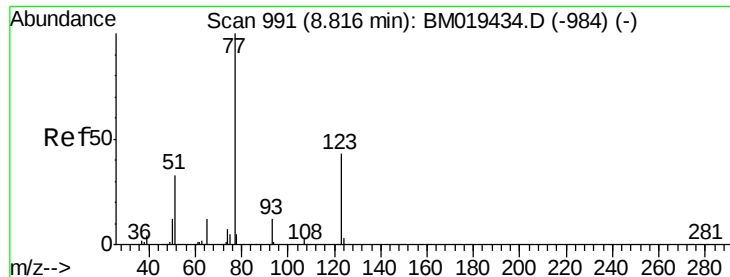
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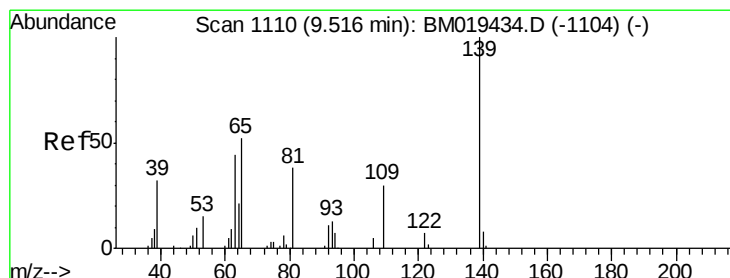
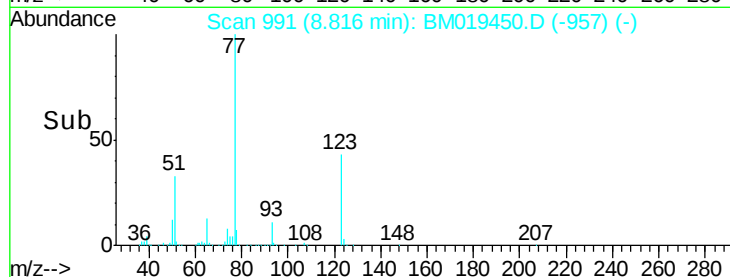
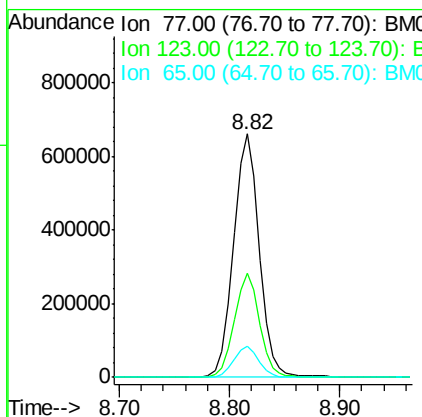
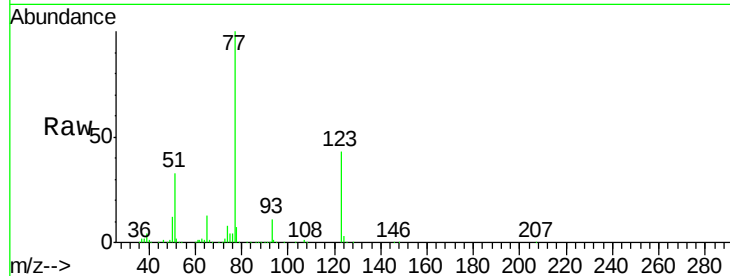
#20
Nitrobenzene
Concen: 70.690 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM019450.D
Acq: 26 Mar 2019 02:27

Instrument :
BNA_M
ClientSampled :
C09E3

Tot Ion	Ratio	Lower	Upper
77	100		
123	42.5	31.8	47.8
65	12.7	10.6	16.0

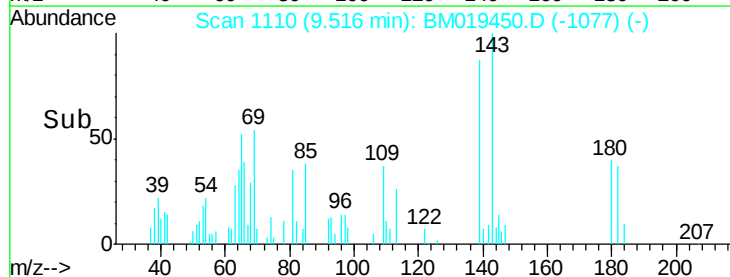
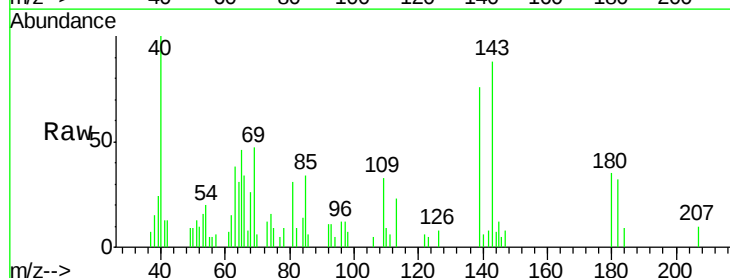
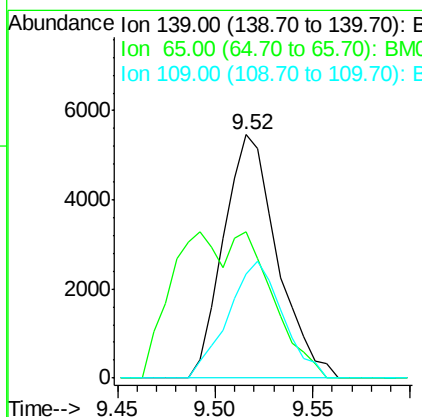
Manual Integrations
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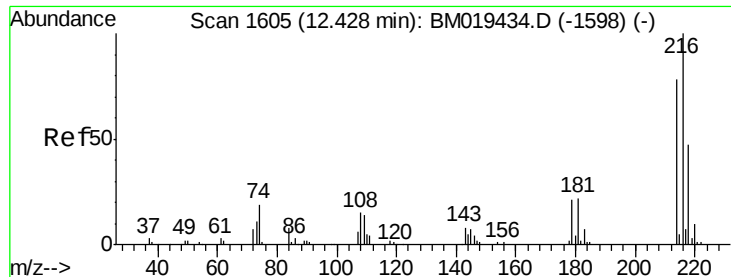
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#23
2-Nitrophenol
Concen: 1.649 ng/ul
RT: 9.52 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM019450.D
Acq: 26 Mar 2019 02:27

Tgt Ion	Ratio	Lower	Upper
139	100		
65	60.2	45.3	67.9
109	42.8	27.7	41.5





#37

1,2,4,5-Tetrachlorobenzene

Concen: 19.447 ng/uL

RT: 12.43 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM019450.D

Acq: 26 Mar 2019 02:27

Instrument :

BNA_M

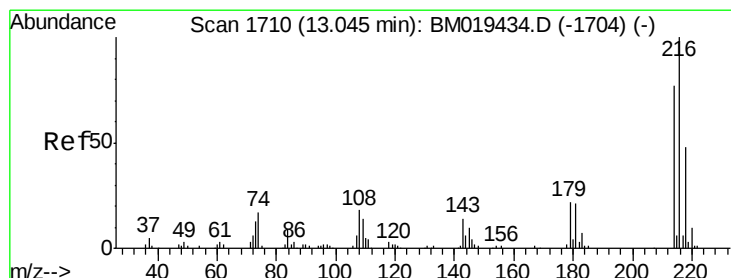
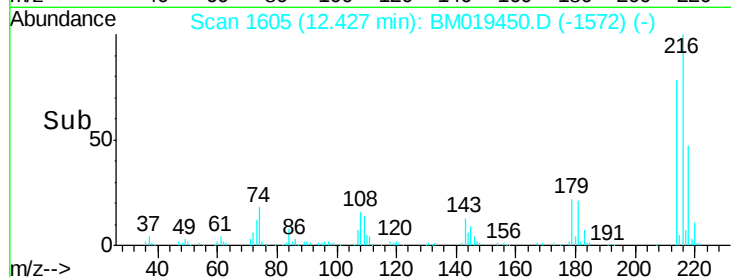
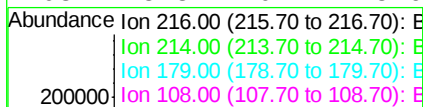
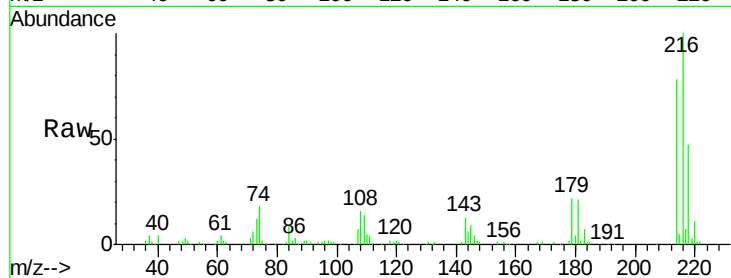
ClientSampled :

C09E3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		241384		
214	77.9	64.1	96.1		
179	22.0	14.5	21.7		
108	15.8	10.4	15.6		

Manual Integrations
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#73

1,2,3,4-Tetrachlorobenzene

Concen: 70.567 ng/uL

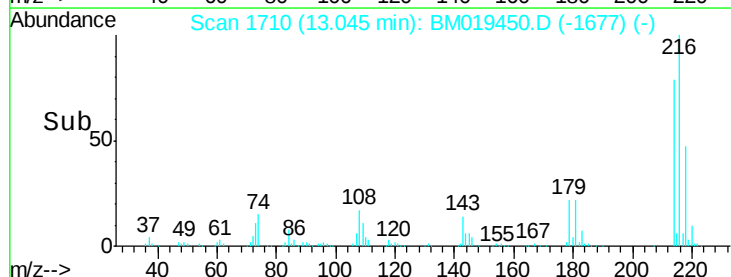
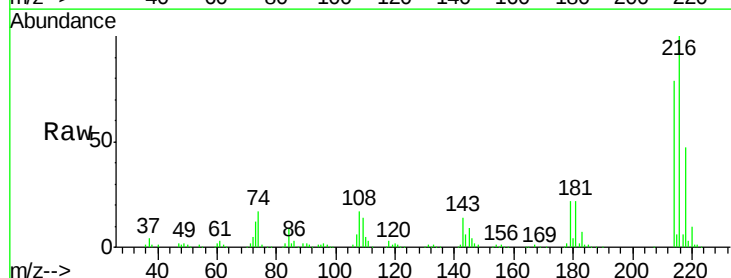
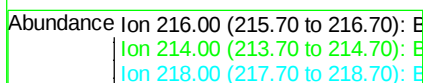
RT: 13.05 min Scan# 1710

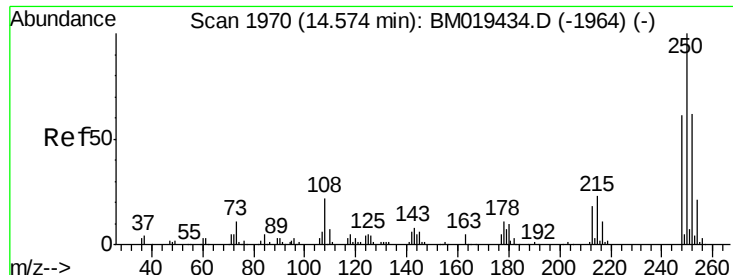
Delta R.T. -0.01 min

Lab File: BM019450.D

Acq: 26 Mar 2019 02:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		828691		
214	78.6	64.1	96.1		
218	47.4	39.4	59.0		





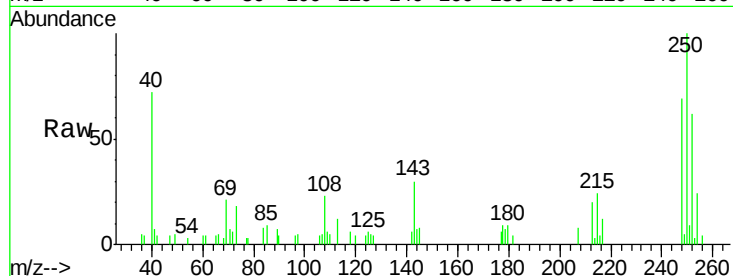
#74
 Pentachlorobenzene
 Concen: 1.135 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM019450.D
 Acq: 26 Mar 2019 02:27

Instrument :
 BNA_M
 ClientSampleId :
 C09E3

Tot Ion:	250	Resp:	13940
Ion Ratio	Lower	Upper	
250	100		
248	69.0	51.4	77.2
252	62.1	49.8	74.6

Manual Integrations
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Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

