

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024385.D
 Acq On : 30 Dec 2019 22:21
 Operator : JU
 Sample : K6356-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D40

Manual Integrations
 APPROVED

mohammad
 12/31/2019 12:12:06 PM

Quant Time: Dec 31 04:25:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 31 03:12:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	233634	20.00	ng/ul	0.04
18) Naphthalene-d8	10.19	136	862135	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.07	164	483497	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	977917	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	951696	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1167803	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	30958	5.85	ng/uL	0.00
5) Phenol-d5	6.62	99	108945	4.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.77	67	397431	29.96	ng/ul	0.01
9) 2-Chlorophenol-d4	6.96	132	357912	22.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.14	113	209972	11.61	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	220701	35.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	241584	35.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	388595	29.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	22368	1.39	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	1262324	35.31	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1553032	36.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	29493m	4.59	ng/ul	0.06
58) Fluorene-d10	15.07	176	1101850	35.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	161072	27.00	ng/ul	0.00
71) Anthracene-d10	16.93	188	1670319	37.54	ng/ul	0.00
79) Pyrene-d10	19.24	212	1811832	39.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	2221896	38.30	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	8.61	77	2665939	154.817	ng/ul	99
23) 2-Nitrophenol	9.32	139	17883	2.385	ng/ul#	75
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	548772	41.987	ng/ul	99
45) Dimethylphthalate	13.55	163	95260	2.564	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	2010876	163.842	ng/uL	97
74) Pentachlorobenzene	14.40	250	50491	3.735	ng/uL	97

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

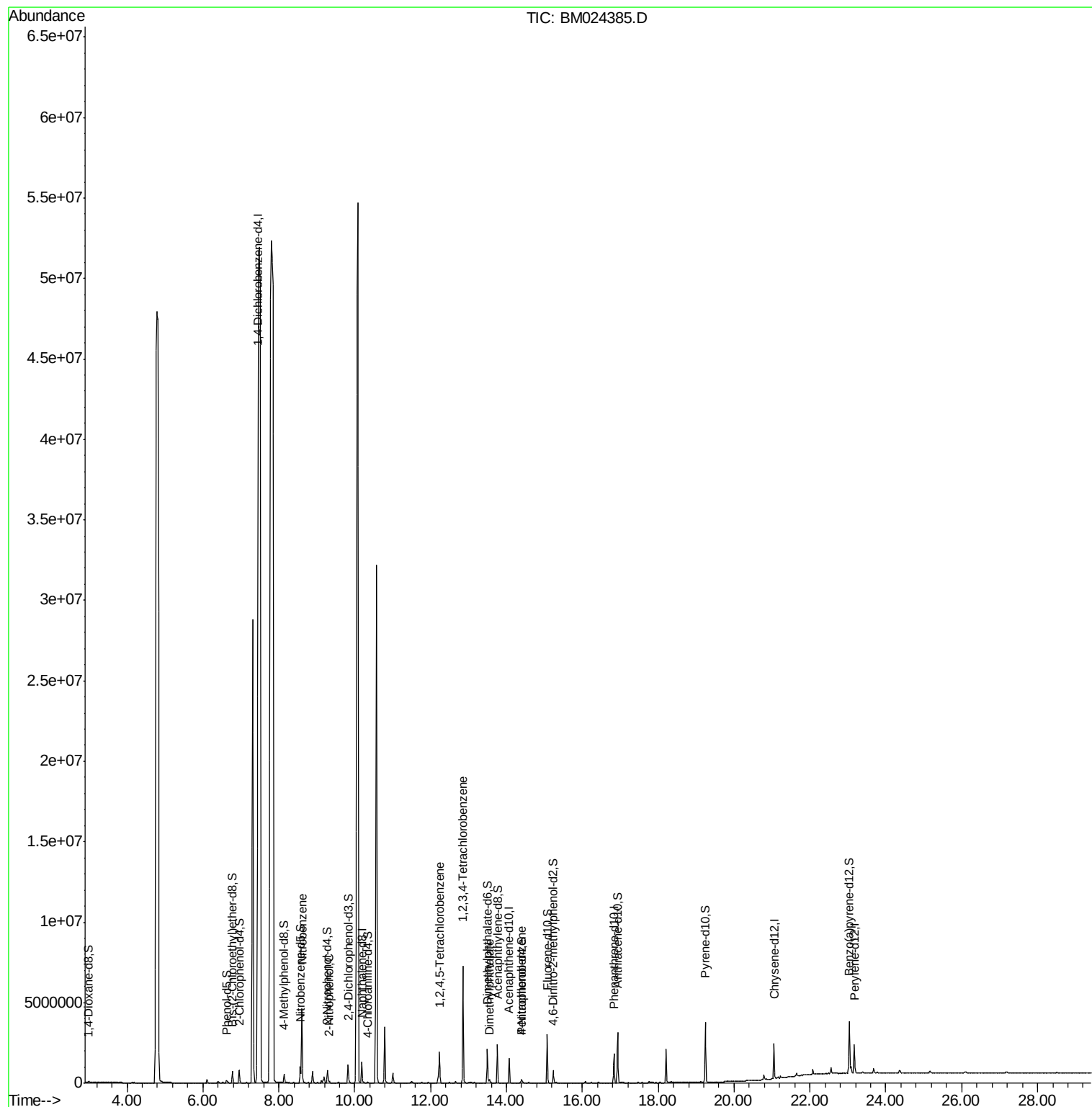
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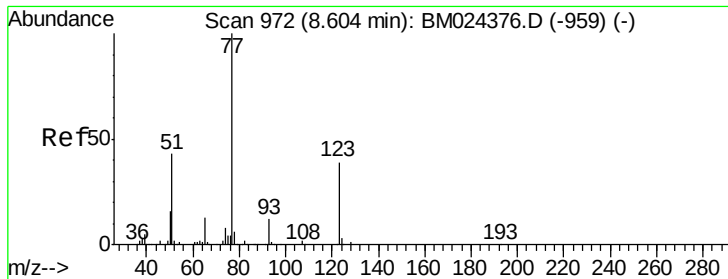
Instrument :
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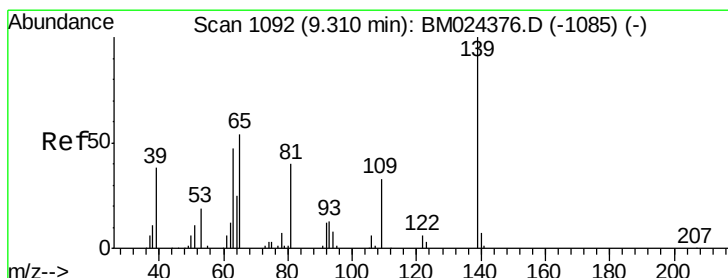
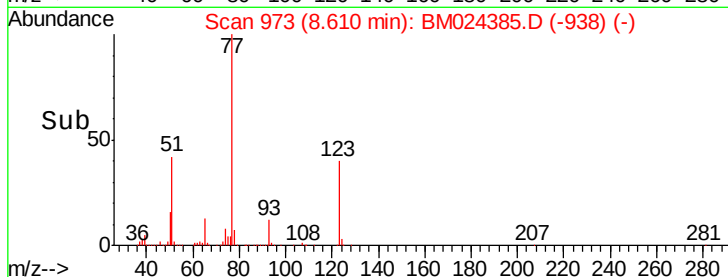
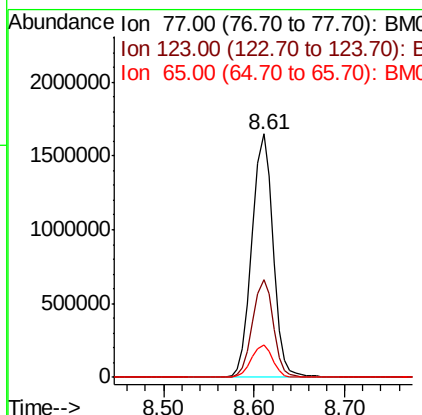
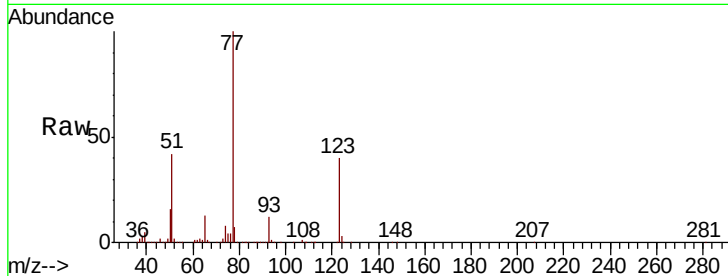
#20
Nitrobenzene
Concen: 154.817 ng/ul
RT: 8.61 min Scan# 973
Delta R.T. 0.01 min
Lab File: BM024385.D
Acq: 30 Dec 2019 22:21

Instrument :
BNA_M
ClientSampleId :
C0D40

Tot Ion	Ratio	Lower	Upper
77	100		
123	40.3	32.6	49.0
65	13.2	9.9	14.9

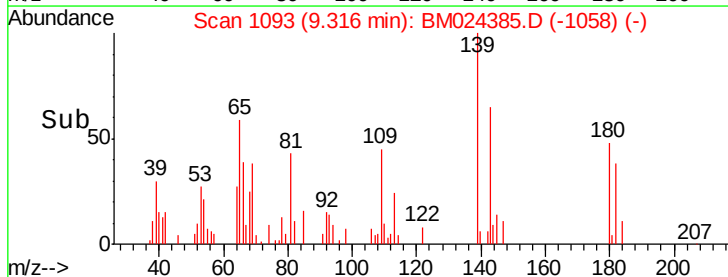
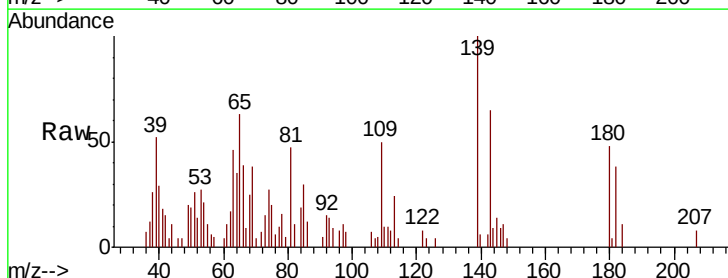
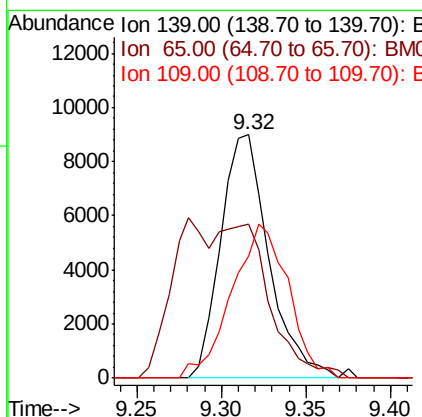
Manual Integrations
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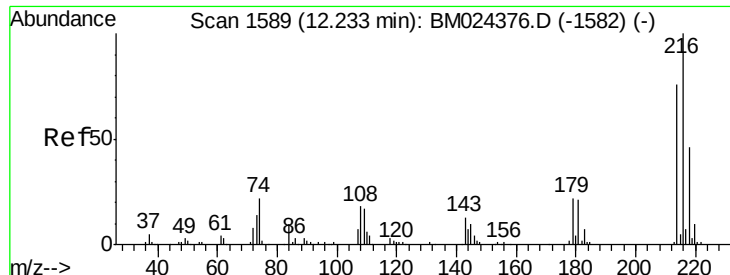
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#23
2-Nitrophenol
Concen: 2.385 ng/ul
RT: 9.32 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BM024385.D
Acq: 30 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
139	100		
65	63.4	40.2	60.2#
109	50.1	24.6	37.0#





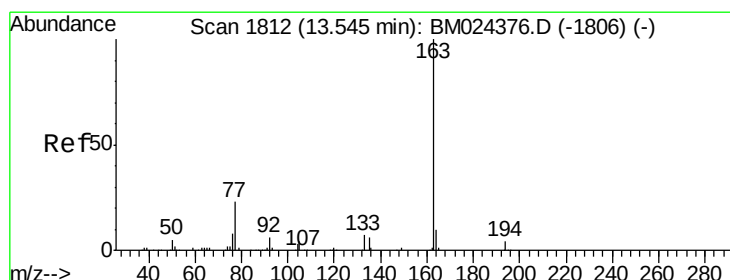
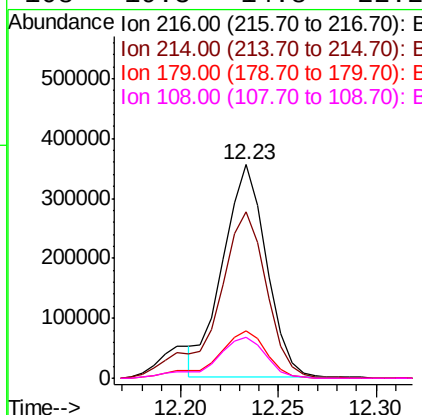
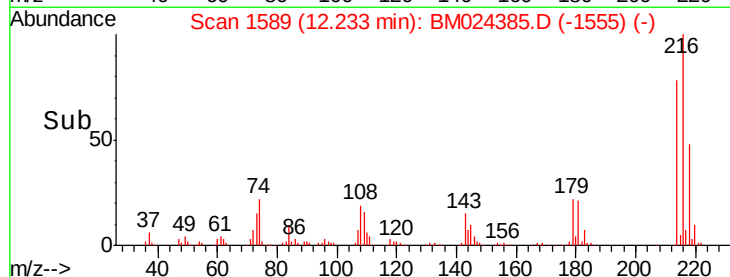
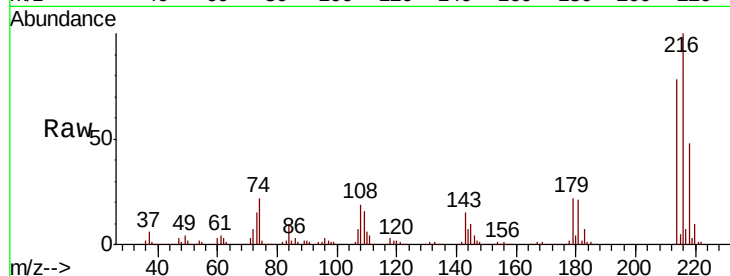
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.987 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM024385.D
 Acq: 30 Dec 2019 22:21

Instrument :
 BNA_M
 ClientSampleID :
 C0D40

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.7	94.1
179	22.4	17.6	26.4
108	19.3	14.8	22.2

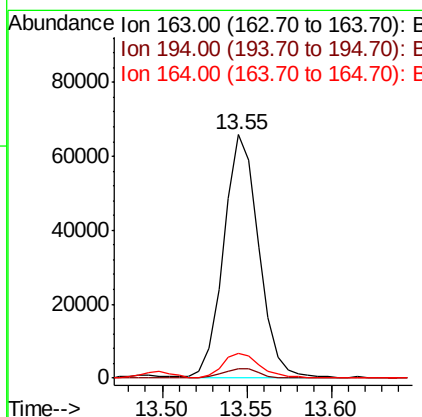
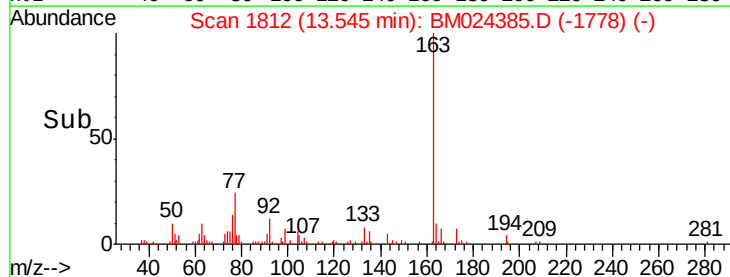
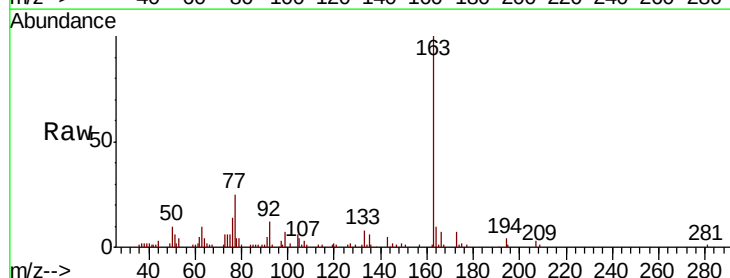
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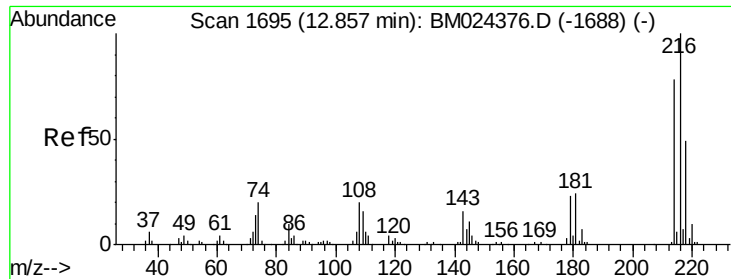
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#45
 Dimethylphthalate
 Concen: 2.564 ng/ul
 RT: 13.55 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BM024385.D
 Acq: 30 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	7.8	11.6





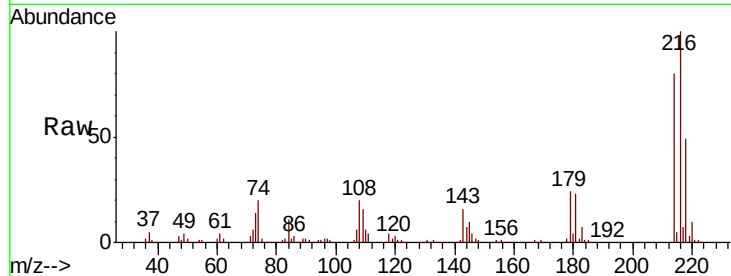
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 163.842 ng/uL
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BM024385.D
 Acq: 30 Dec 2019 22:21

Instrument :
 BNA_M
 ClientSampleId :
 C0D40

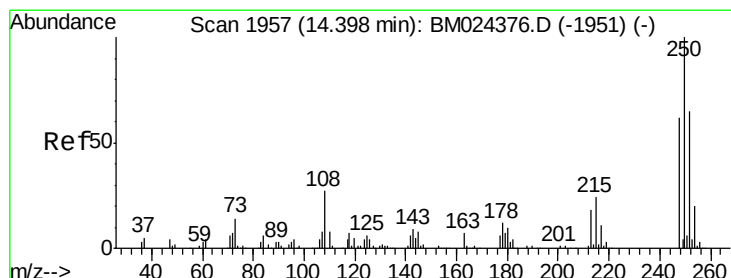
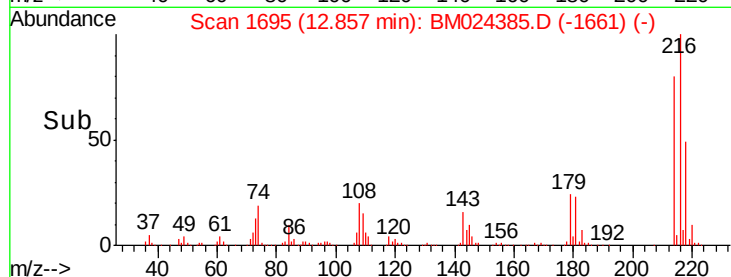
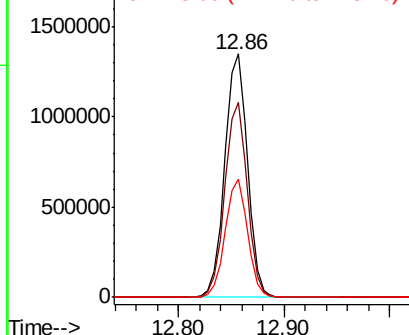
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	61.2	91.8
218	48.8	38.0	57.0

Manual Integrations
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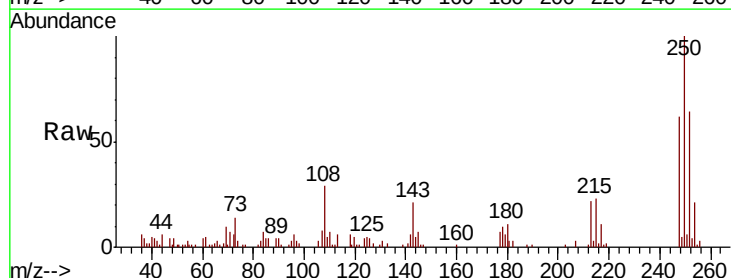


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 3.735 ng/uL
 RT: 14.40 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: BM024385.D
 Acq: 30 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.4	51.9	77.9
252	64.5	52.8	79.2



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

