

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019374.D
 Acq On : 24 Mar 2019 04:24
 Operator : JU/SJ
 Sample : K2025-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0966

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:25:52 PM

Quant Time: Mar 25 01:46:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 00:34:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	178973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	697064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	381488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	847246	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	924960	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1051854	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14416	3.15	ng/uL	0.00
5) Phenol-d5	6.79	99	71867	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	220533	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	224257	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	131810	11.02	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	134035	26.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	146987	26.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	242602	23.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	265	0.02	ng/ul	0.02
44) Dimethylphthalate-d6	13.69	166	840951	27.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1020521	26.51	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	21119m	4.38	ng/ul	0.02
58) Fluorene-d10	15.27	176	722034	27.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	130466	23.29	ng/ul	0.00
71) Anthracene-d10	17.12	188	1120464	27.56	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1274312	29.83	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1445960	25.93	ng/ul	-0.02

Target Compounds

					Ovalue
6) Phenol	6.82	94	19232	1.156	ng/ul 95
10) 2-Chlorophenol	7.18	128	75335	6.135	ng/ul 99
20) Nitrobenzene	8.85	77	10035589	677.999	ng/ul 96
23) 2-Nitrophenol	9.53	139	8329	1.364	ng/ul 98
27) 2,4-Dichlorophenol	10.09	162	256650m	24.872	ng/ul
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	51032	4.204	ng/ul# 95
40) 2,4,5-Trichlorophenol	12.78	196	8759	1.078	ng/ul 91
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	170120	13.849	ng/uL 99

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

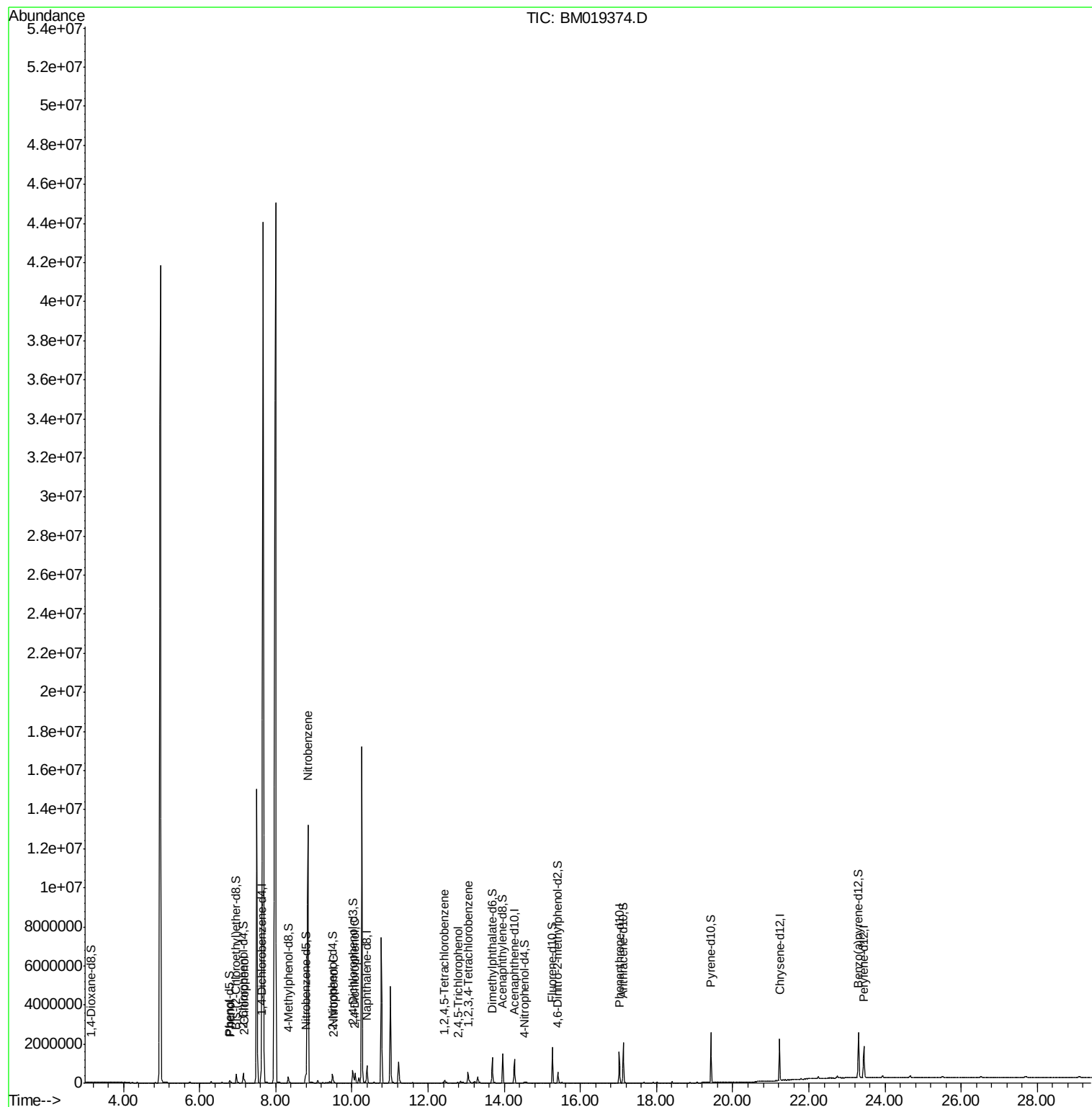
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019374.D
Acq On : 24 Mar 2019 04:24
Operator : JU/SJ
Sample : K2025-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

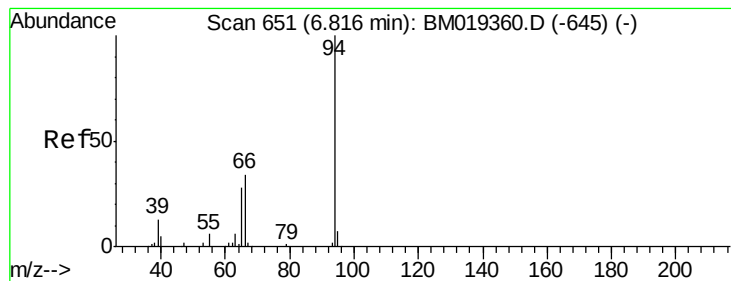
Instrument :
BNA_M
ClientSampleId :
C0966

Manual Integrations
APPROVED

Sohil
3/26/2019 6:25:52 PM

Quant Time: Mar 25 01:46:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 00:34:42 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.156 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM019374.D

Acq: 24 Mar 2019 04:24

Instrument :

BNA_M

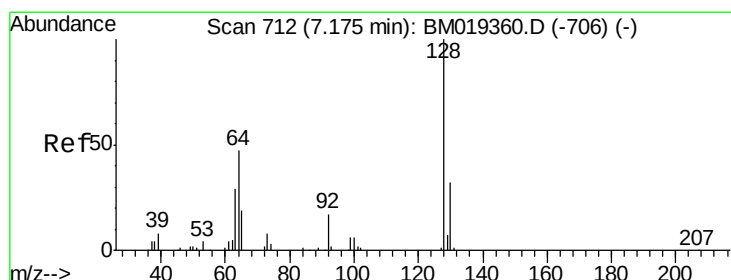
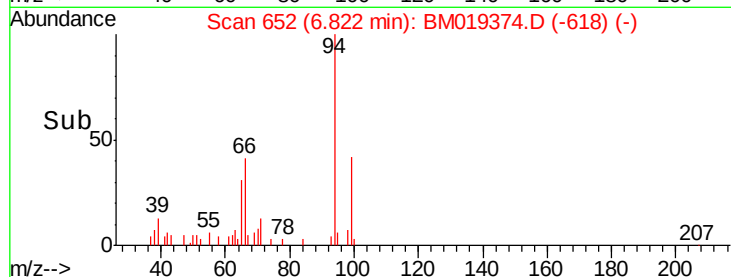
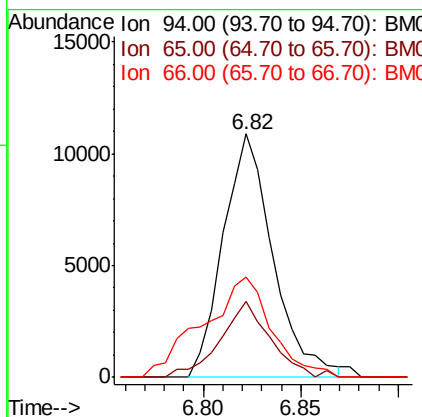
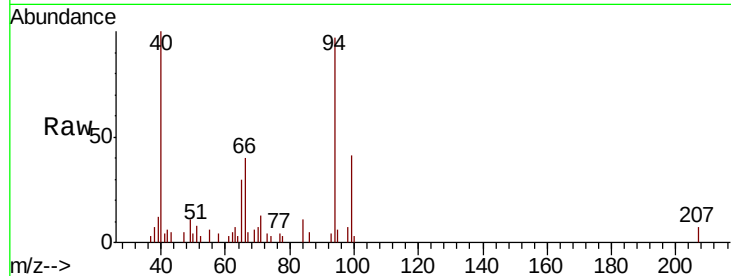
ClientSampled :

C0966

Tot Ion:	94	Resp:	19232
Ion	Ratio	Lower	Upper
94	100		
65	31.2	23.0	34.6
66	41.4	30.4	45.6

Manual Integrations
APPROVED

Sohil
3/26/2019 6:25:52 PM



#10

2-Chlorophenol

Concen: 6.135 ng/ul

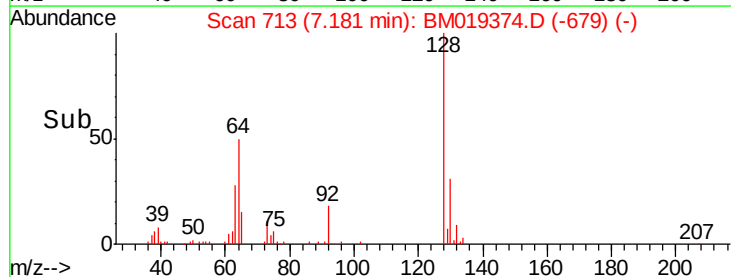
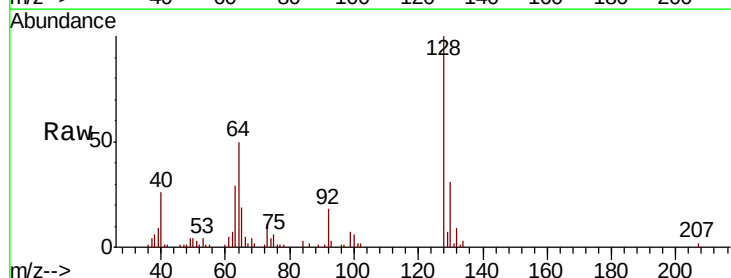
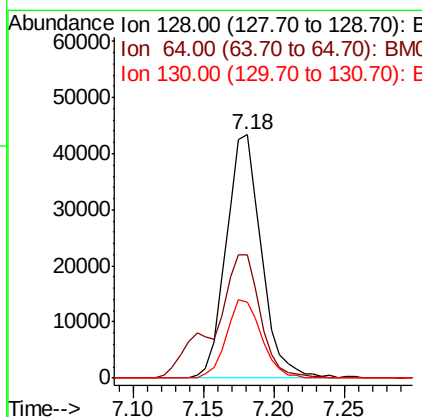
RT: 7.18 min Scan# 713

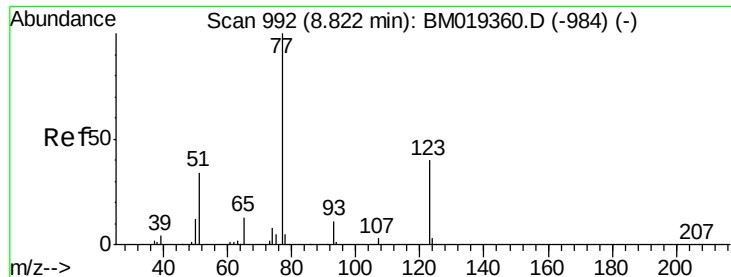
Delta R.T. 0.00 min

Lab File: BM019374.D

Acq: 24 Mar 2019 04:24

Tgt Ion:	128	Resp:	75335
Ion	Ratio	Lower	Upper
128	100		
64	50.4	39.8	59.6
130	31.4	25.8	38.8





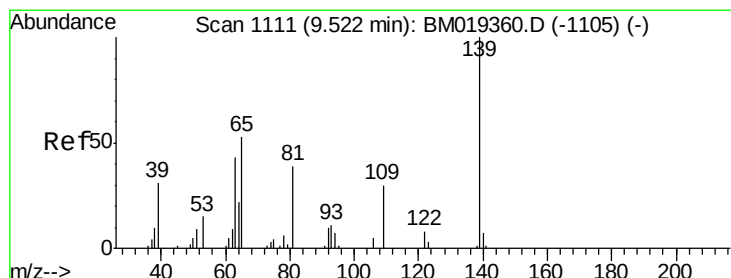
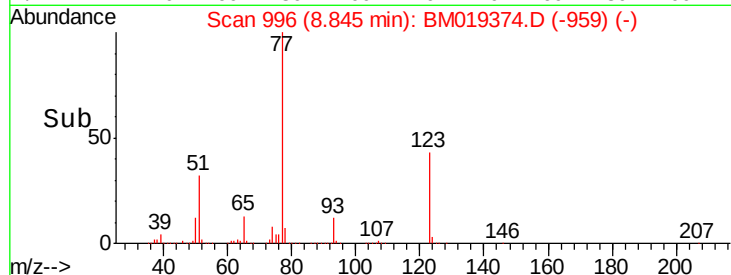
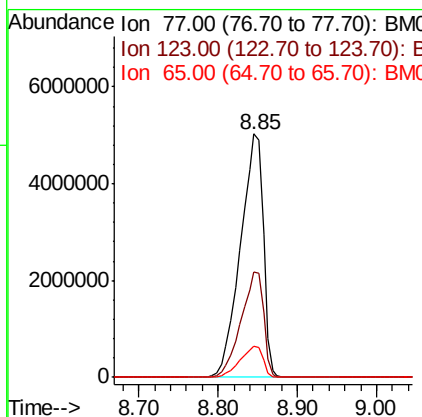
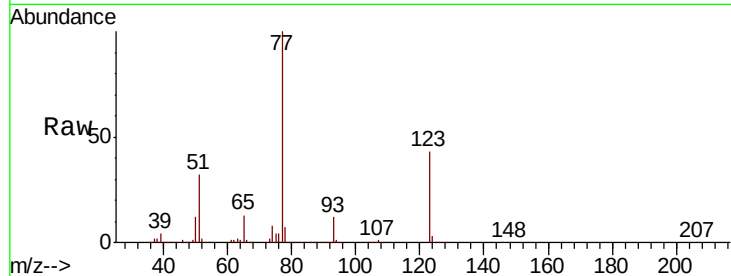
#20
Nitrobenzene
Concen: 677.999 ng/ul
RT: 8.85 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM019374.D
Acq: 24 Mar 2019 04:24

Instrument :
BNA_M
ClientSampleId :
C0966

Tot Ion: 77 Resp:10035589
Ion Ratio Lower Upper
77 100
123 43.1 31.8 47.8
65 12.9 10.6 16.0

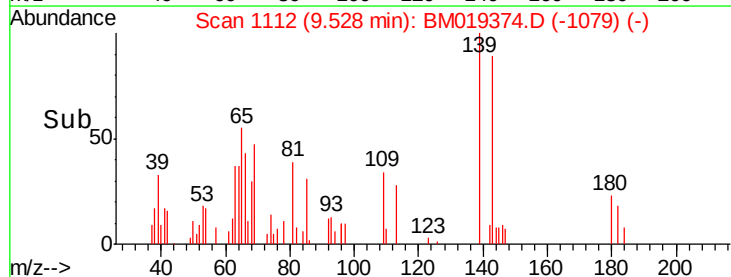
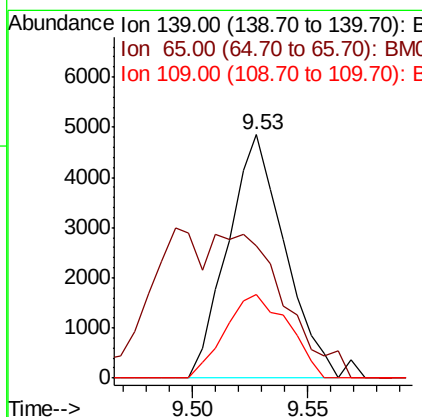
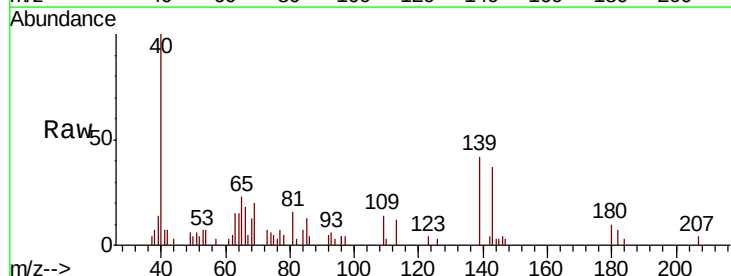
Manual Integrations
APPROVED

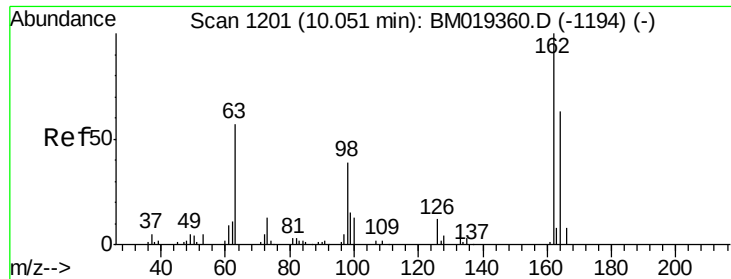
Sohil
3/26/2019 6:25:52 PM



#23
2-Nitrophenol
Concen: 1.364 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM019374.D
Acq: 24 Mar 2019 04:24

Tgt Ion:139 Resp: 8329
Ion Ratio Lower Upper
139 100
65 54.5 45.3 67.9
109 34.3 27.7 41.5





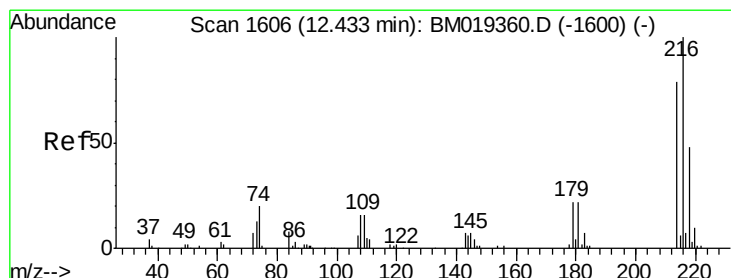
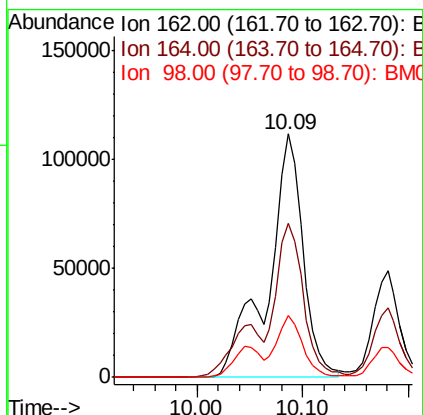
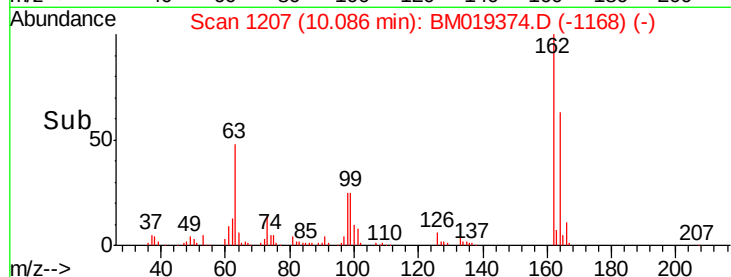
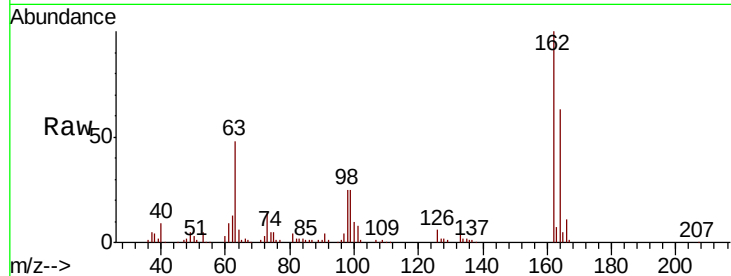
#27
2,4-Dichlorophenol
Concen: 24.872 ng/ul m
RT: 10.09 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BM019374.D
Acq: 24 Mar 2019 04:24

Instrument :
BNA_M
ClientSampled :
C0966

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	52.0	78.0	
98	25.4	26.6	39.8	

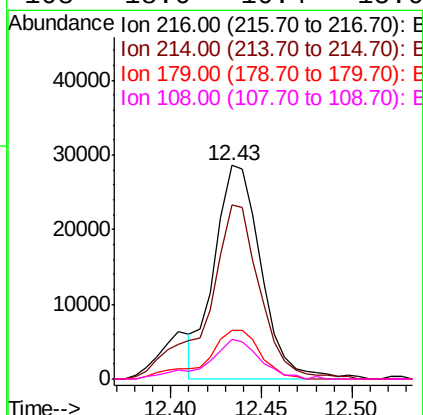
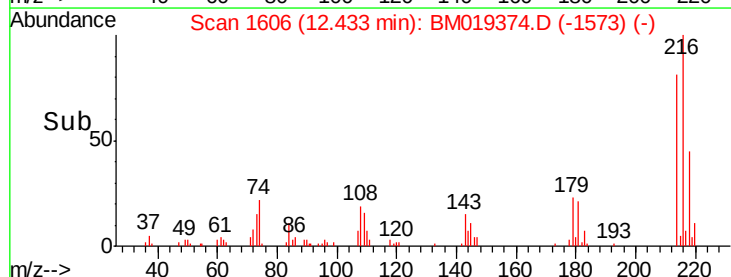
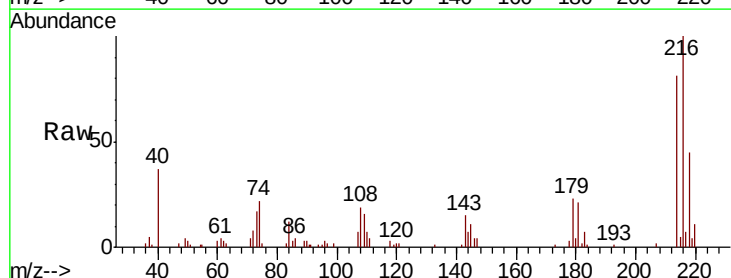
Manual Integrations
APPROVED

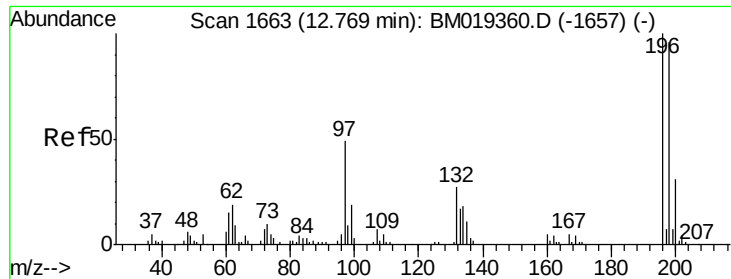
Sohil
3/26/2019 6:25:52 PM



#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.204 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM019374.D
Acq: 24 Mar 2019 04:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	81.5	64.1	96.1	
179	22.9	14.5	21.7	
108	18.6	10.4	15.6	





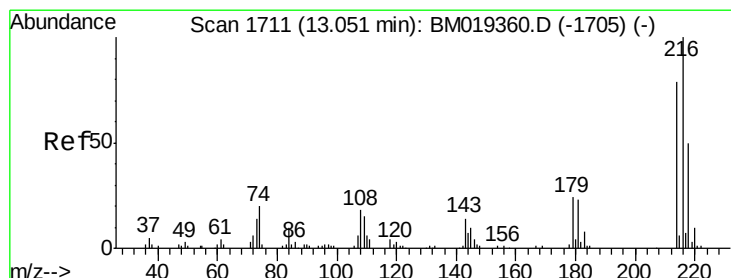
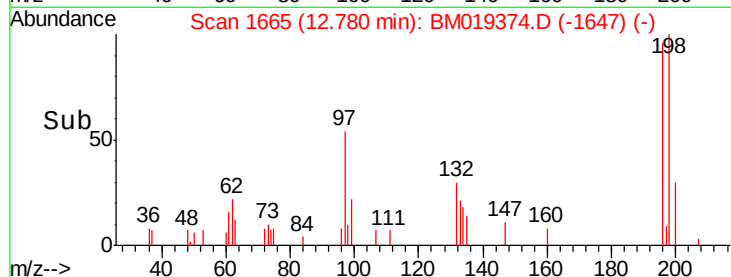
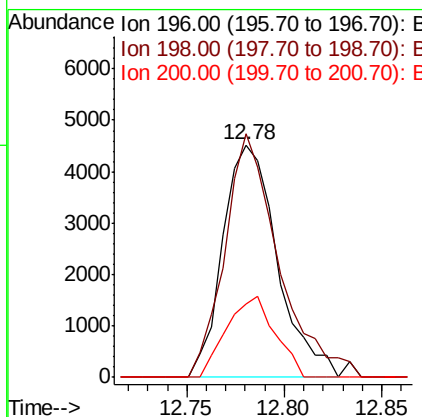
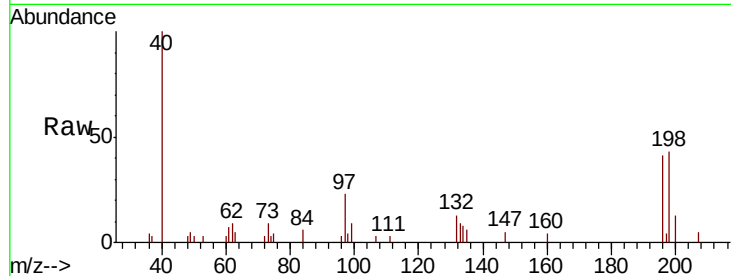
#40
 2,4,5-Trichlorophenol
 Concen: 1.078 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BM019374.D
 Acq: 24 Mar 2019 04:24

Instrument :
 BNA_M
 ClientSampled :
 C0966

Tot Ion	Ratio	Lower	Upper
196	100		
198	104.7	74.7	112.1
200	31.8	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:25:52 PM



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 13.849 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM019374.D
 Acq: 24 Mar 2019 04:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.1	96.1
218	48.9	39.4	59.0

