

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022367.D
 Acq On : 27 Aug 2019 14:43
 Operator : HP/JU
 Sample : K4669-01DL 2X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CD3DL

Quant Time: Aug 27 17:08:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	132617	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	91217	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	207470	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	177485	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	183301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.76	99	7660	3.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	20385	14.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	23458	11.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	15540	7.24	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	14598	14.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	16358	14.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	31940	13.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	2313	0.81	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	124144	15.45	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	131414	15.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	533	0.45	ng/ul	0.08
57) Fluorene-d10	15.20	176	104172	15.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	13241	8.27	ng/ul	0.00
70) Anthracene-d10	17.06	188	175711	15.99	ng/ul	-0.01
78) Pyrene-d10	19.37	212	204781	22.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	164115	16.30	ng/ul	0.00

Target Compounds

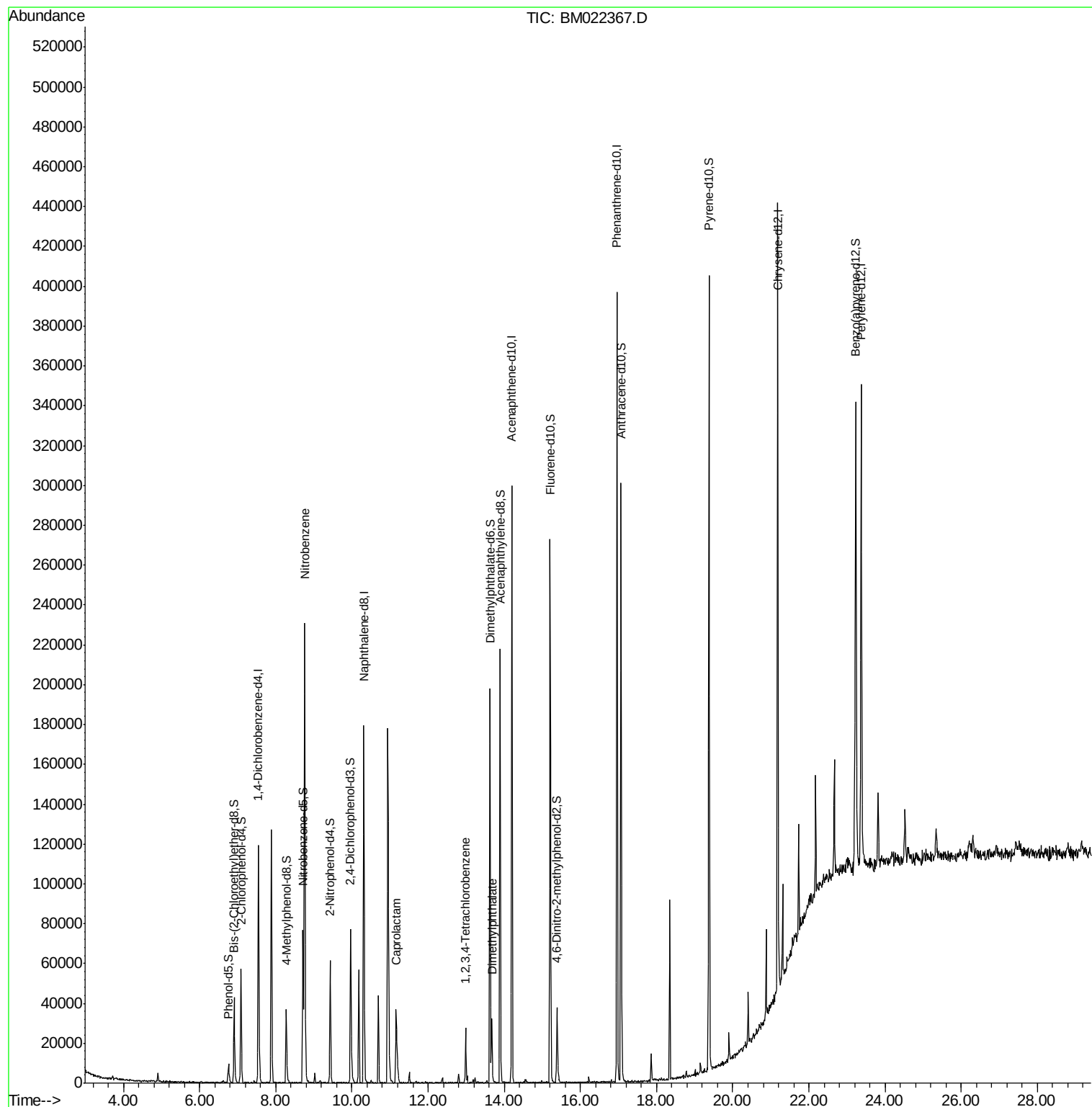
					Ovalue
20) Nitrobenzene	8.76	77	120896	41.518 ng/ul	98
32) Caprolactam	11.16	113	3134	4.254 ng/ul#	1
44) Dimethylphthalate	13.67	163	20497	2.508 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	9769	2.647 ng/uL	98

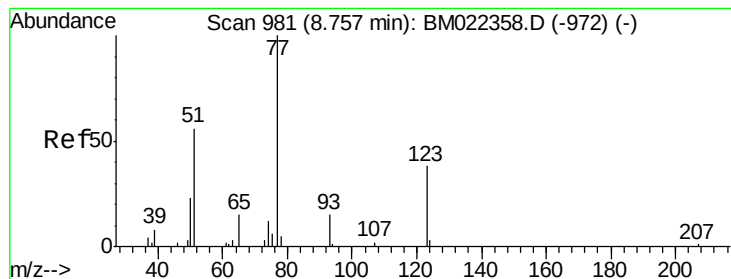
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 41.518 ng/ul

RT: 8.76 min Scan# 981

Delta R.T. -0.01 min

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BNA_M

ClientSampleId :

C0CD3DL

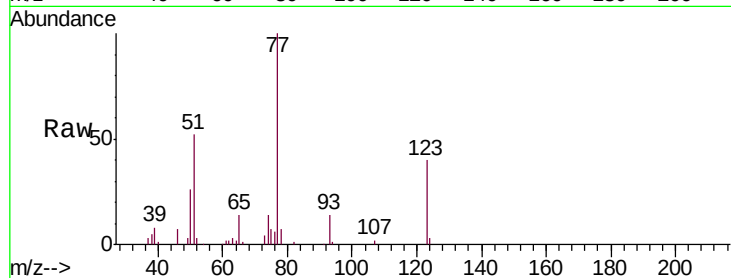
Tot Ion: 77 Resp: 120896

Ion Ratio Lower Upper

77 100

123 40.2 31.0 46.4

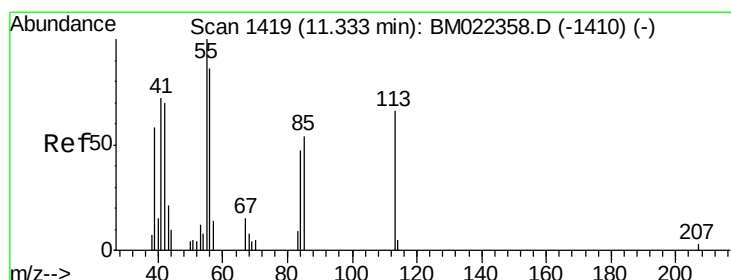
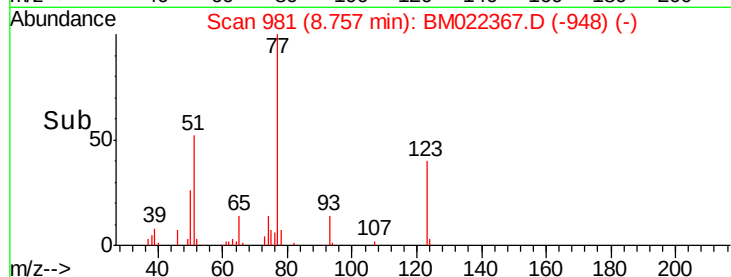
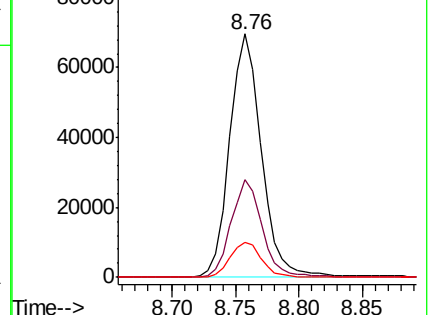
65 14.5 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BM022367.D (-948) (-)

Ion 123.00 (122.70 to 123.70): BM022367.D (-948) (-)

Ion 65.00 (64.70 to 65.70): BM022367.D (-948) (-)



#32

Caprolactam

Concen: 4.254 ng/ul

RT: 11.16 min Scan# 1390

Delta R.T. -0.18 min

Lab File: BM022367.D

Acq: 27 Aug 2019 14:43

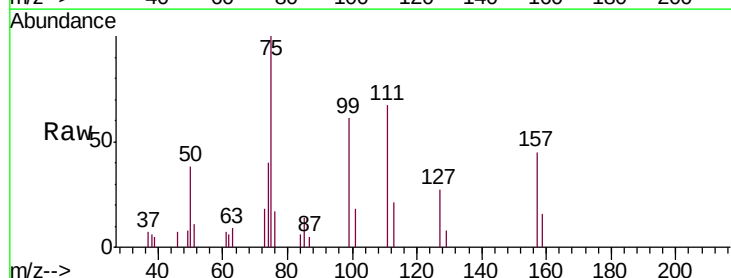
Tgt Ion: 113 Resp: 3134

Ion Ratio Lower Upper

113 100

55 0.0 111.6 167.4#

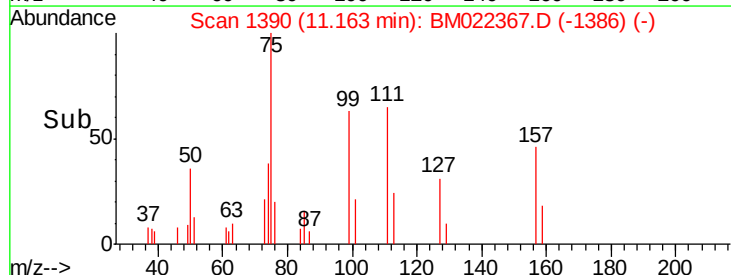
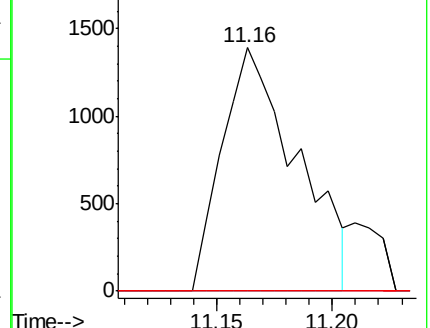
56 0.0 104.6 157.0#

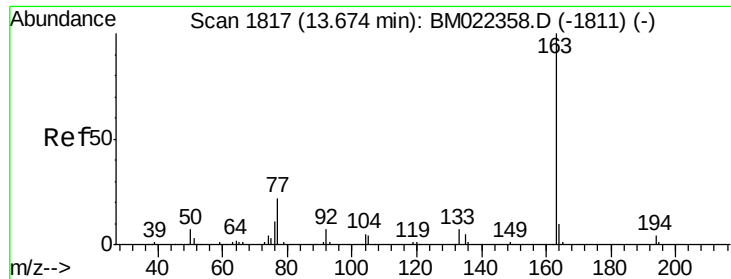


Abundance Ion 113.00 (112.70 to 113.70): BM022367.D (-1386) (-)

Ion 55.00 (54.70 to 55.70): BM022367.D (-1386) (-)

Ion 56.00 (55.70 to 56.70): BM022367.D (-1386) (-)





#44

Dimethylphthalate

Concen: 2.508 ng/uL

RT: 13.67 min Scan# 1817

Delta R.T. -0.01 min

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Acq: 27 Aug 2019 14:43

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BNA_M

ClientSampleId :

C0CD3DL

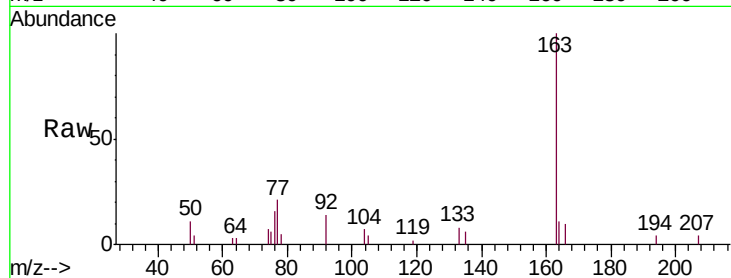
Tot Ion:163 Resp: 20497

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

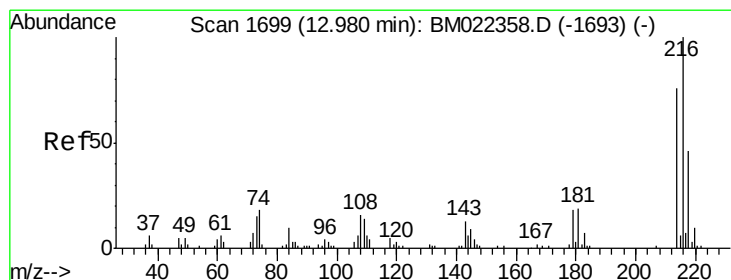
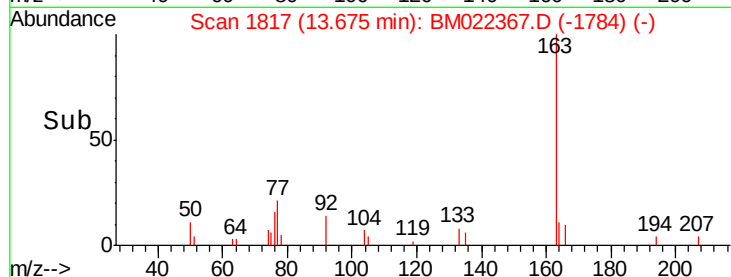
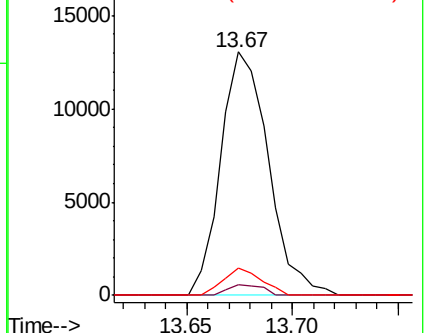
164 11.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 2.647 ng/uL

RT: 12.99 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BM022367.D

Acq: 27 Aug 2019 14:43

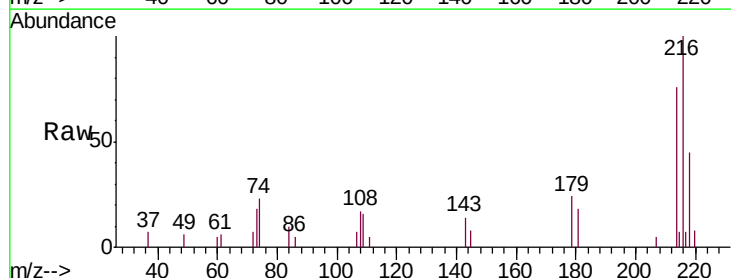
Tgt Ion:216 Resp: 9769

Ion Ratio Lower Upper

216 100

214 75.5 61.5 92.3

218 44.7 37.1 55.7



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

