

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
 Data File : BM029772.D
 Acq On : 02 May 2021 07:29
 Operator : CG/JU
 Sample : M2144-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GH0

Manual Integrations
 APPROVED

mohammad
 5/3/2021 12:25:20 PM

Quant Time: May 02 08:16:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 02 07:21:17 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	48156	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	169433	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	126492	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	288571	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	346332	20.00	ng/ul	0.00
88) Perylene-d12	23.31	264	384785	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1122m	1.14	ng/uL	0.01
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.76	99	15597	4.81	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	41153	24.23	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	62001	21.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	34753	12.51	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	34797	28.20	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	43284	27.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	83637	25.63	ng/ul	0.00
31) 4-Chloroaniline-d4	10.51	131	2929m	0.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	335980	33.53	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	378685	30.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	4757m	3.59	ng/ul	0.02
60) Fluorene-d10	15.22	176	293752	33.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	60213	28.70	ng/ul	0.00
73) Anthracene-d10	17.06	188	536826	36.90	ng/ul	0.00
81) Pyrene-d10	19.36	212	692468	39.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	834591	37.80	ng/ul	0.00

Target Compounds

					Ovalue
8) Phenol	6.79	94	8988	2.797	ng/ul 92
22) Nitrobenzene	8.77	77	204568	75.059	ng/ul 95
25) 2-Nitrophenol	9.47	139	2813	1.735	ng/ul 94
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	13282	2.694	ng/ul 91
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	67294	12.540	ng/uL 98

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

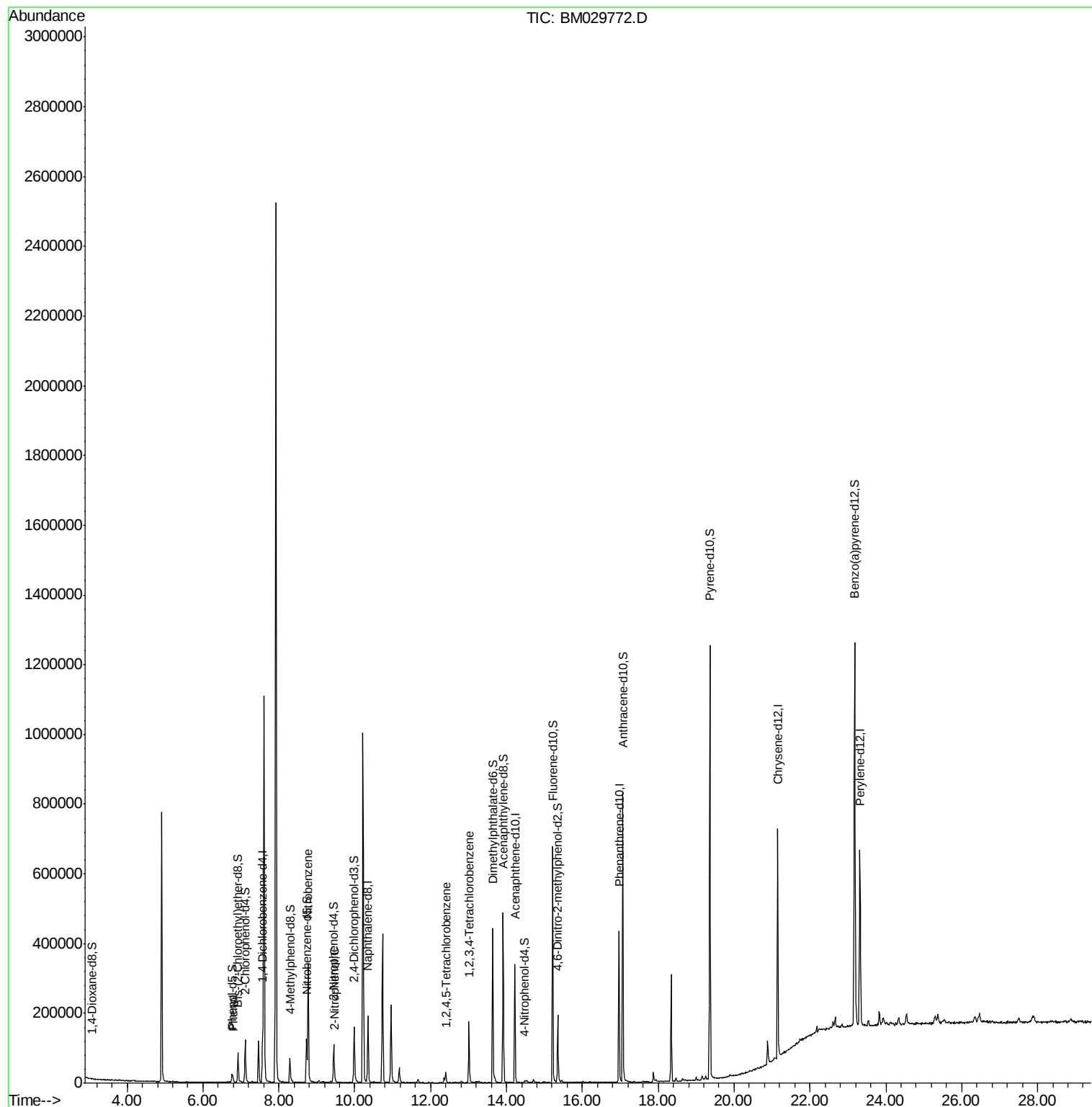
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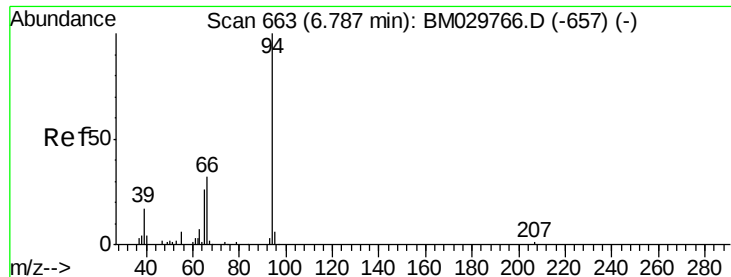
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#8

Phenol

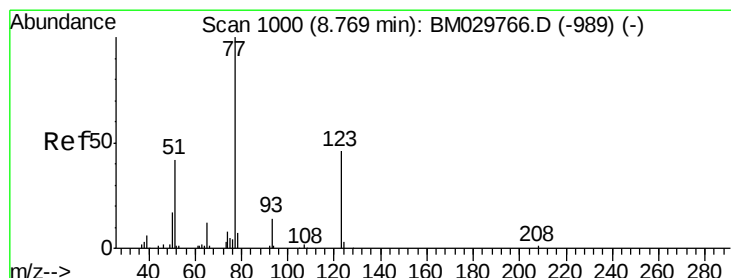
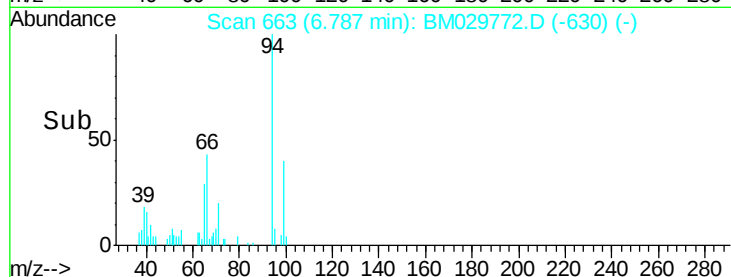
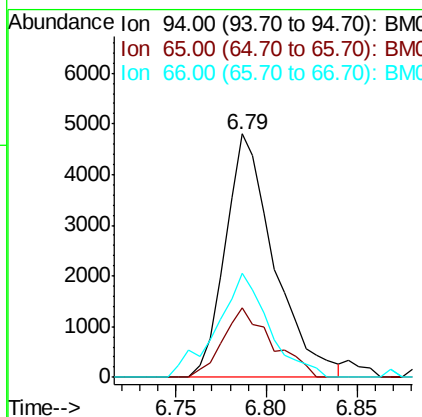
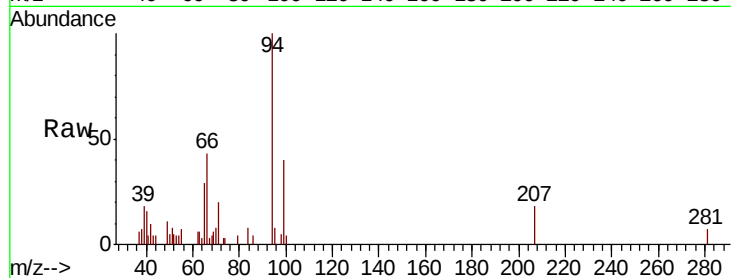
Concen: 2.797 ng/ul
 RT: 6.79 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BM029772.D
 Acq: 02 May 2021 07:29

Instrument :
 BNA_M
 ClientSampleId :
 C0GH0

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.5	21.4	32.2
66	42.9	29.0	43.4

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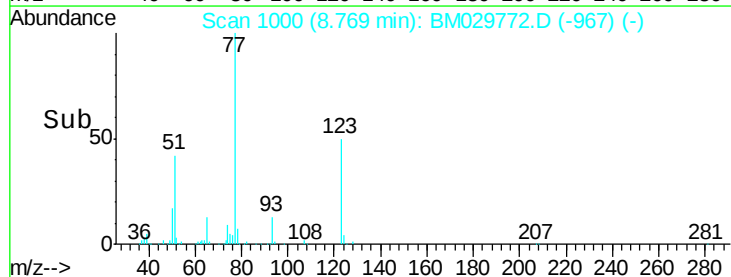
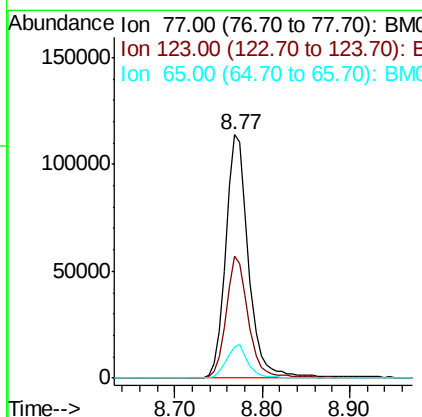
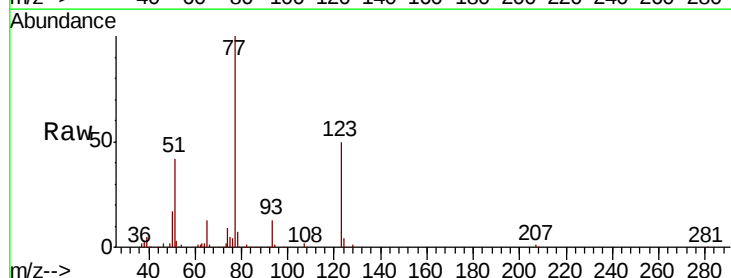


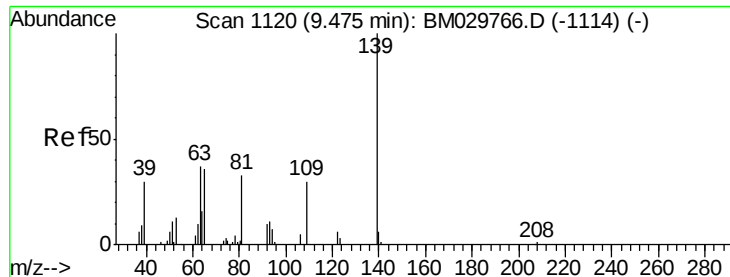
#22

Nitrobenzene

Concen: 75.059 ng/ul
 RT: 8.77 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM029772.D
 Acq: 02 May 2021 07:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	36.6	54.8
65	12.6	10.2	15.2





#25

2-Nitrophenol

Concen: 1.735 ng/ul

RT: 9.47 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM029772.D

Acq: 02 May 2021 07:29

Instrument :

BNA_M

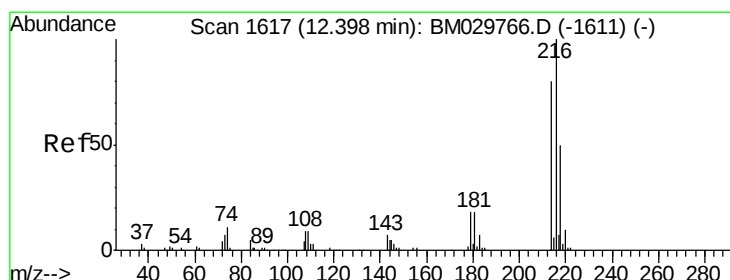
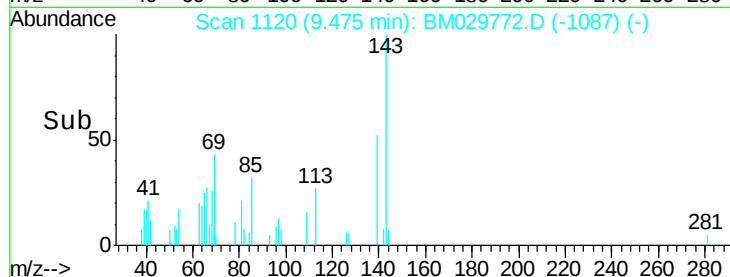
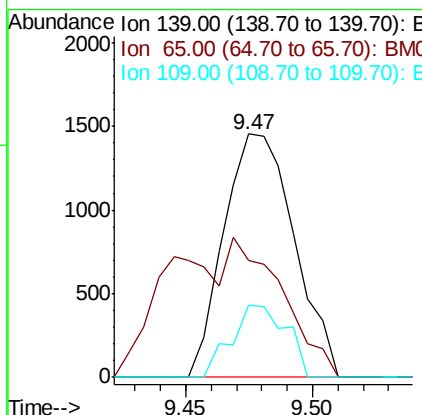
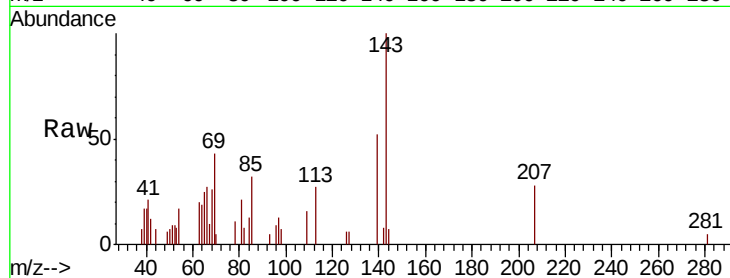
ClientSampled :

C0GH0

Tot Ion:	139	Resp:	2813
Ion Ratio	Lower	Upper	
139	100		
65	48.2	34.6	52.0
109	29.7	22.6	34.0

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.694 ng/ul

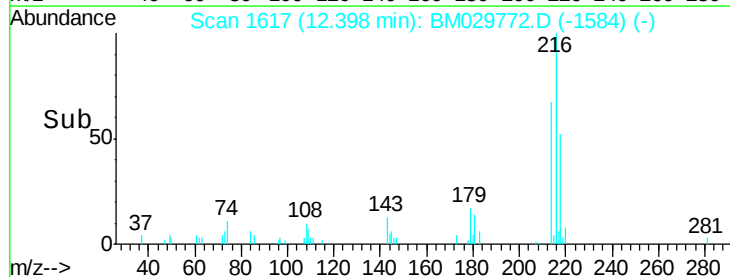
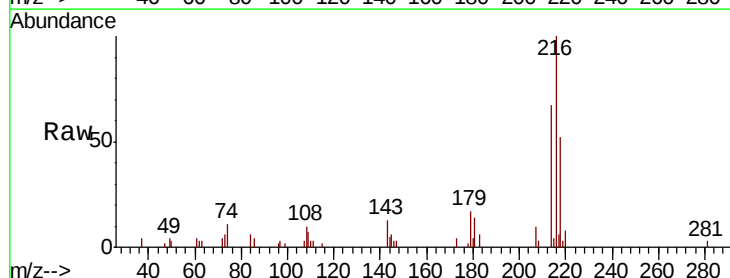
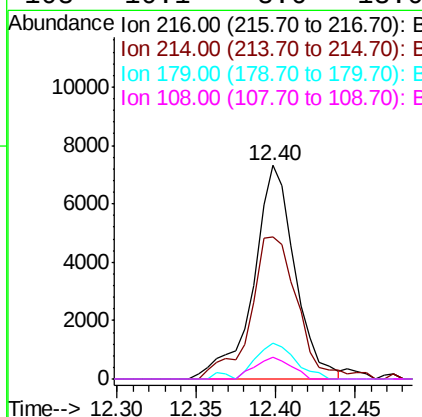
RT: 12.40 min Scan# 1617

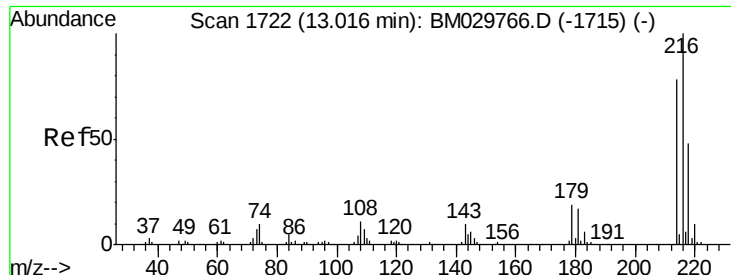
Delta R.T. -0.01 min

Lab File: BM029772.D

Acq: 02 May 2021 07:29

Tgt Ion:	216	Resp:	13282
Ion Ratio	Lower	Upper	
216	100		
214	66.7	61.1	91.7
179	17.0	14.8	22.2
108	10.1	8.6	13.0





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 12.540 ng/uL
 RT: 13.01 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BM029772.D
 Acq: 02 May 2021 07:29

Instrument :
 BNA_M
 ClientSampleId :
 C0GH0

Tot Ion:	216	Resp:	67294
Ion Ratio	Lower	Upper	
216	100		
214	81.3	63.8	95.6
218	47.8	39.1	58.7

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