

Data File : BM024097.D
Acq On : 13 Dec 2019 18:24
Operator : JU
Sample : K6167-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQX1

Quant Time: Dec 14 00:30:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 14 00:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	339133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1333421	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	756650	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1505104	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1456451	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1817961	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	56042	7.35	ng/uL	0.00
5) Phenol-d5	6.67	99	178877	6.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	518045	29.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	542023	23.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	338598	14.44	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	313804	30.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	349702	29.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	595823	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	37004	1.51	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	1829169	31.11	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2284042	33.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	48203	4.88	ng/ul	0.02
58) Fluorene-d10	15.13	176	1592481	32.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	253126	26.79	ng/ul	0.00
71) Anthracene-d10	16.98	188	2372183	33.00	ng/ul	0.00
79) Pyrene-d10	19.29	212	2471566	32.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	3134116	32.61	ng/ul	0.00

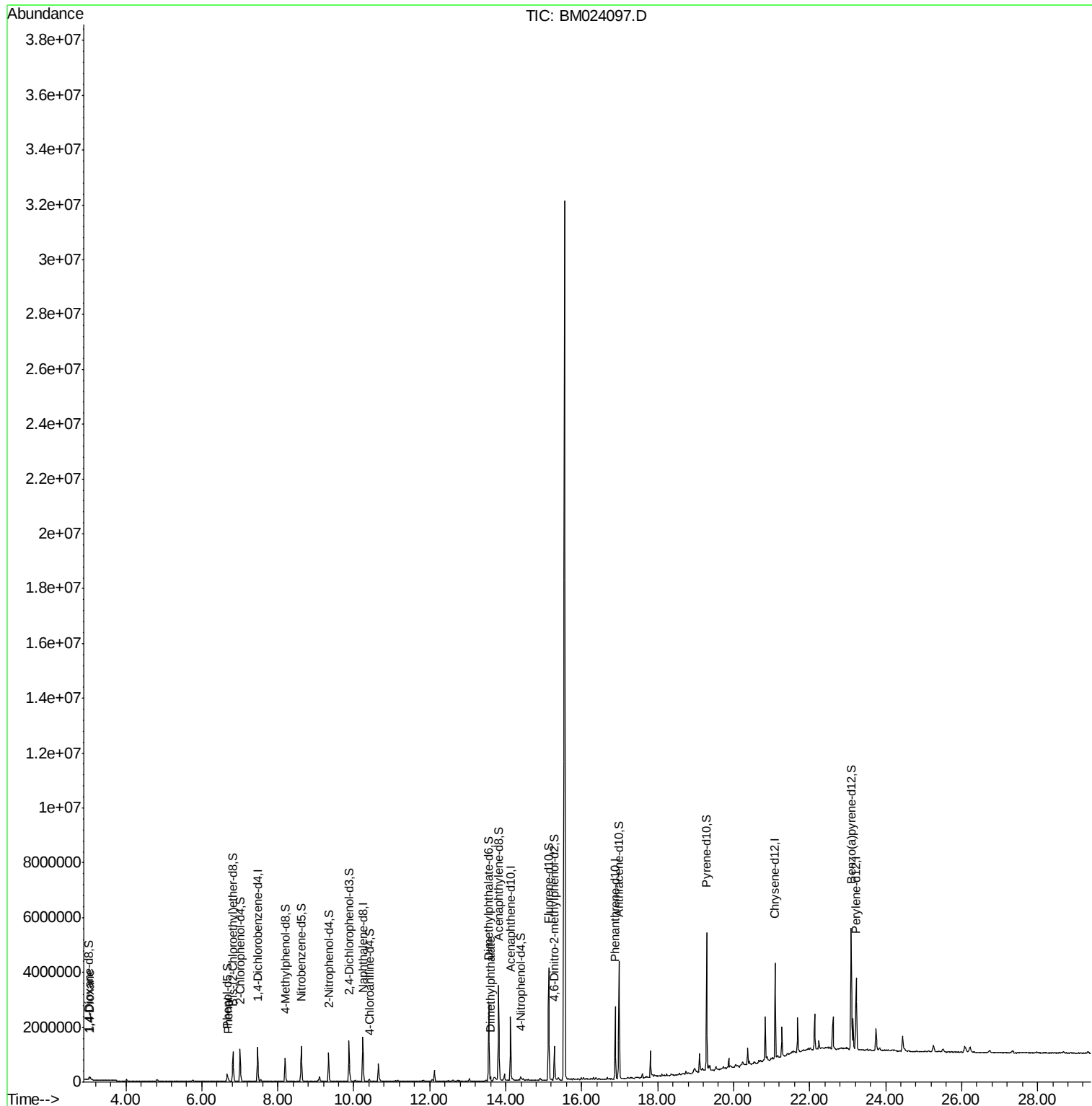
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	47140	5.767	ng/uL#	93
6) Phenol	6.70	94	38631	1.263	ng/ul	98
45) Dimethylphthalate	13.60	163	91757	1.594	ng/ul	99

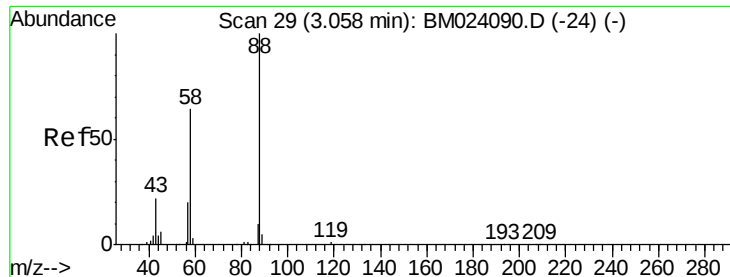
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.767 ng/uL

RT: 3.06 min Scan# 30

Delta R.T. 0.01 min

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Instrument :

BNA_M

ClientSampleId :

BFQX1

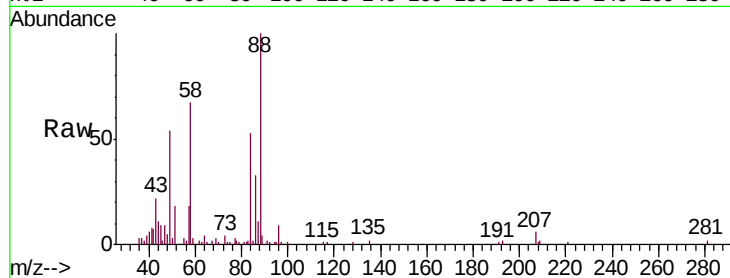
Tgt Ion: 88 Resp: 47140

Ion Ratio Lower Upper

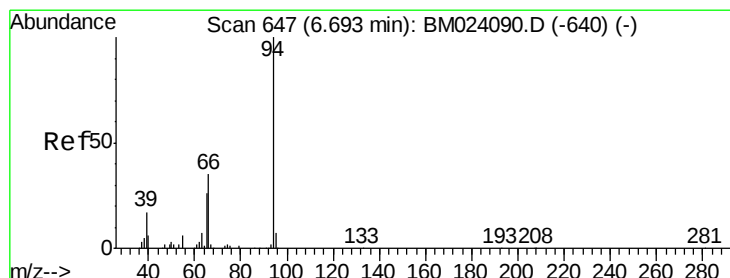
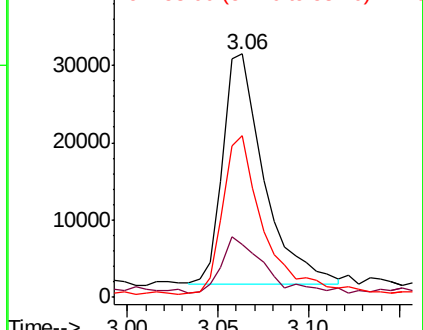
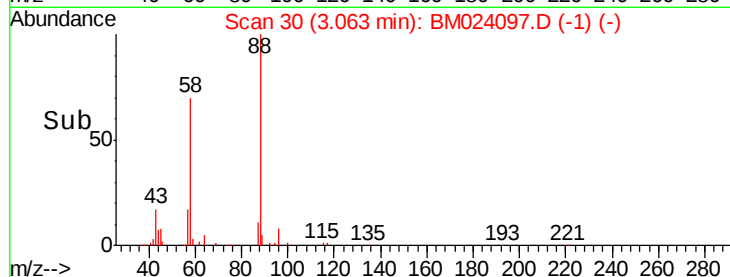
88 100

43 21.7 23.4 35.0#

58 66.6 51.3 76.9



Abundance Ion 88.00 (87.70 to 88.70): BM024097.D (-1) (-)



#6

Phenol

Concen: 1.263 ng/uL

RT: 6.70 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM024097.D

Acq: 13 Dec 2019 18:24

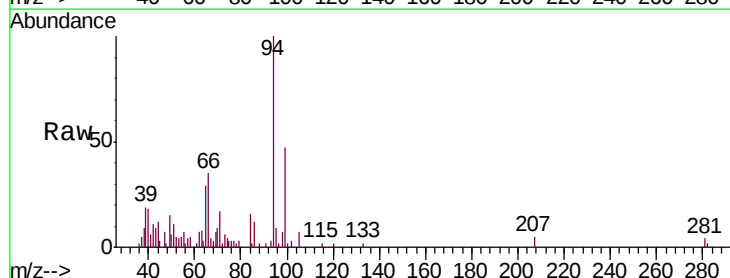
Tgt Ion: 94 Resp: 38631

Ion Ratio Lower Upper

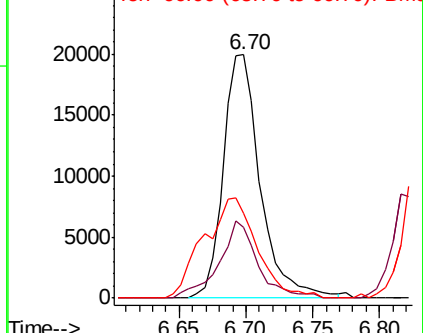
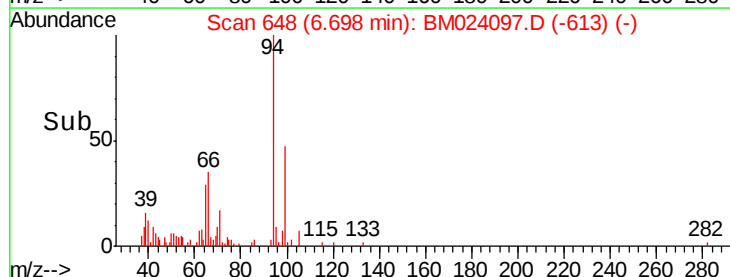
94 100

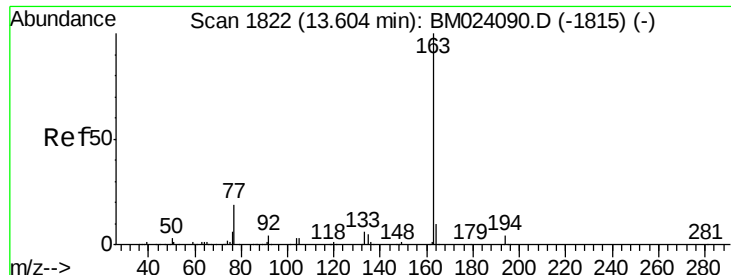
65 28.9 21.7 32.5

66 35.1 28.8 43.2



Abundance Ion 94.00 (93.70 to 94.70): BM024097.D (-613) (-)





#45

Dimethylphthalate

Concen: 1.594 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM024097.D

Acq: 13 Dec 2019 18:24

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Tgt Ion:163 Resp: 91757

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 9.5 7.9 11.9

