

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
 Data File : BM027272.D
 Acq On : 27 Aug 2020 12:29
 Operator : JU/CG
 Sample : L3776-06DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05DL

Quant Time: Aug 27 13:50:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 27 10:53:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	146055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	562878	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	401720	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	941370	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1009505	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	882947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	7071	0.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	20690	2.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	18363	2.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	12416	1.31	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	10238	2.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	10937	2.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.50	131	28811	2.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	98645	3.10	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	107856	2.86	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.23	176	84798	3.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	6900	1.12	ng/ul	0.00
71) Anthracene-d10	17.07	188	141316	3.16	ng/ul	0.00
79) Pyrene-d10	19.37	212	167656	2.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	143717	2.92	ng/ul	0.00

Target Compounds

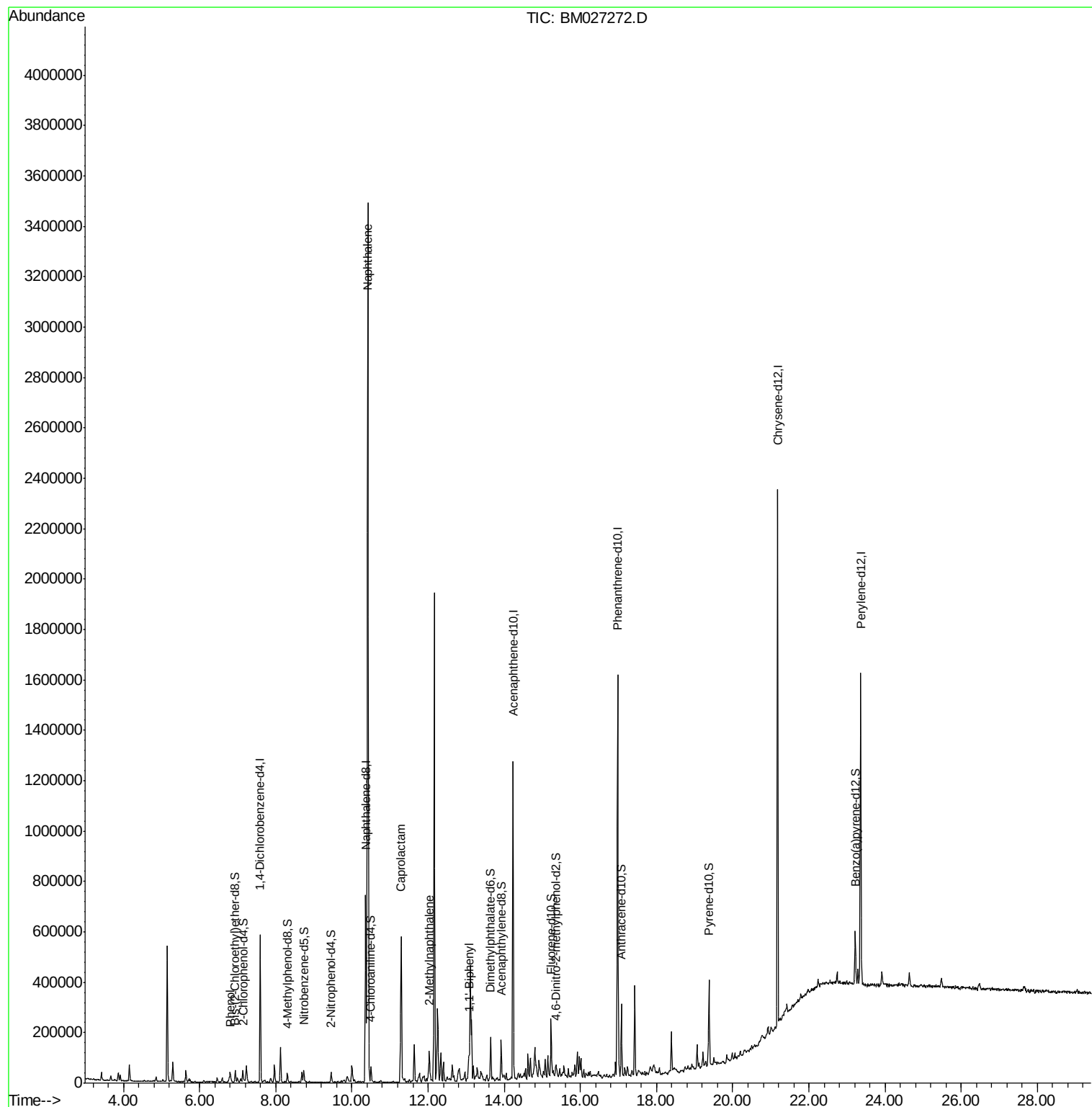
					Ovalue
6) Phenol	6.80	94	21155	1.708 ng/ul	89
28) Naphthalene	10.42	128	2439500	81.378 ng/ul	99
32) Caprolactam	11.30	113	112209	36.333 ng/ul	98
34) 2-Methylnaphthalene	12.03	142	51664	2.269 ng/ul	99
41) 1,1'-Biphenyl	13.06	154	33049	1.048 ng/ul	98

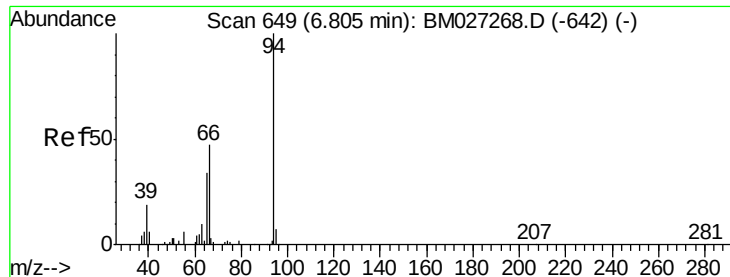
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.708 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM027272.D

Acq: 27 Aug 2020 12:29

Instrument :

BNA_M

ClientSampleId :

F4Y05DL

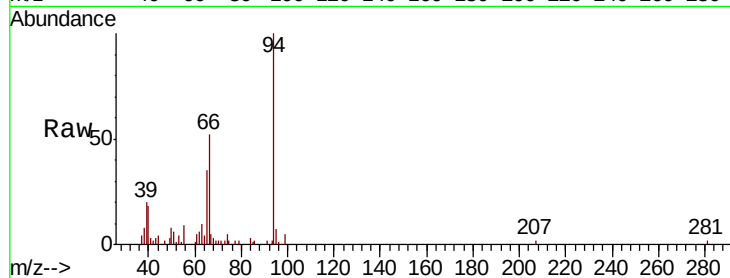
Tot Ion: 94 Resp: 21155

Ion Ratio Lower Upper

94 100

65 35.3 24.8 37.2

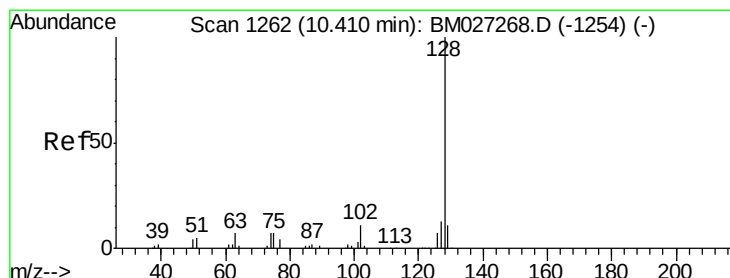
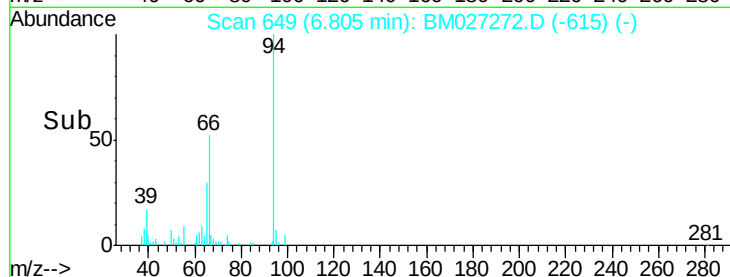
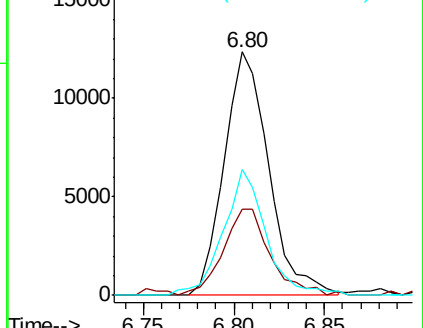
66 51.8 34.7 52.1



Abundance Ion 94.00 (93.70 to 94.70): BM027272.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BM027272.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BM027272.D (-615) (-)



#28

Naphthalene

Concen: 81.378 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BM027272.D

Acq: 27 Aug 2020 12:29

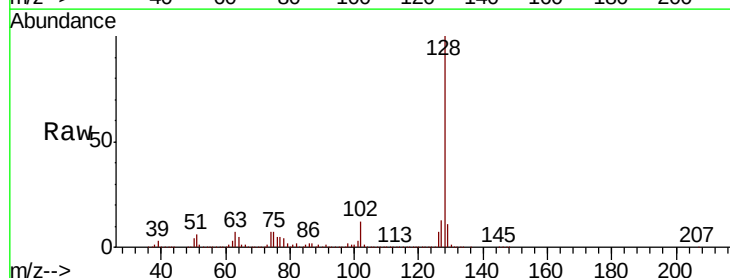
Tgt Ion: 128 Resp: 2439500

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

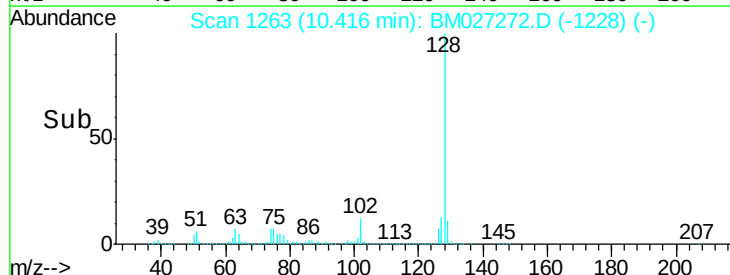
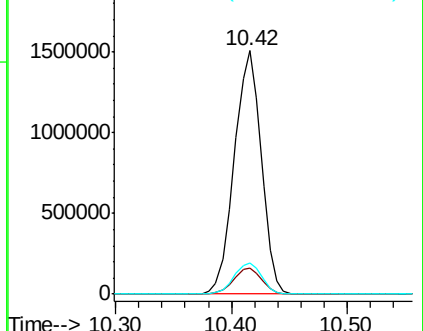
127 13.0 10.4 15.6

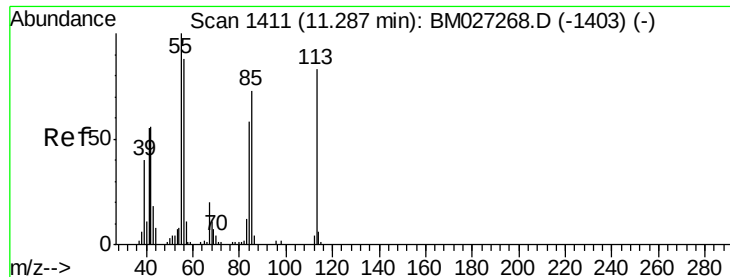


Abundance Ion 128.00 (127.70 to 128.70): BM027272.D (-1228) (-)

Ion 129.00 (128.70 to 129.70): BM027272.D (-1228) (-)

Ion 127.00 (126.70 to 127.70): BM027272.D (-1228) (-)





#32

Caprolactam

Concen: 36.333 ng/ul

RT: 11.30 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BM027272.D

Acq: 27 Aug 2020 12:29

Instrument :

BNA_M

ClientSampleId :

F4Y05DL

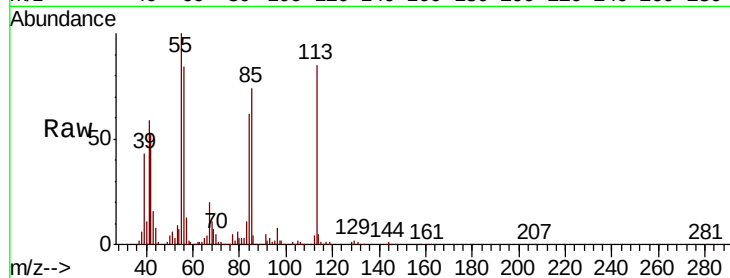
Tot Ion:113 Resp: 112209

Ion Ratio Lower Upper

113 100

55 117.7 94.0 141.0

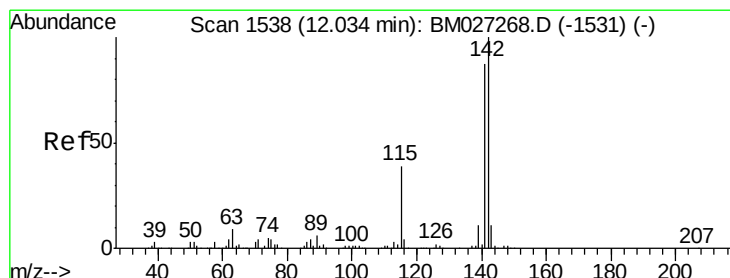
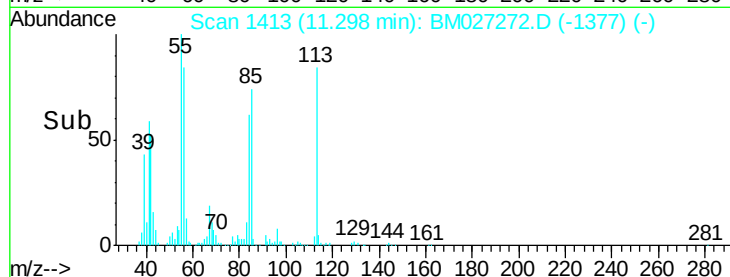
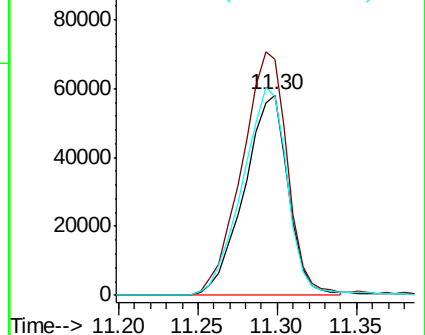
56 99.1 82.4 123.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 2.269 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM027272.D

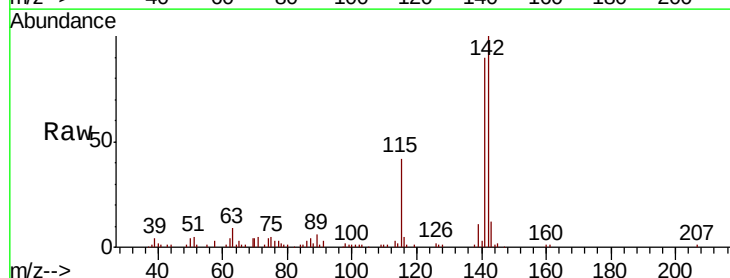
Acq: 27 Aug 2020 12:29

Tgt Ion:142 Resp: 51664

Ion Ratio Lower Upper

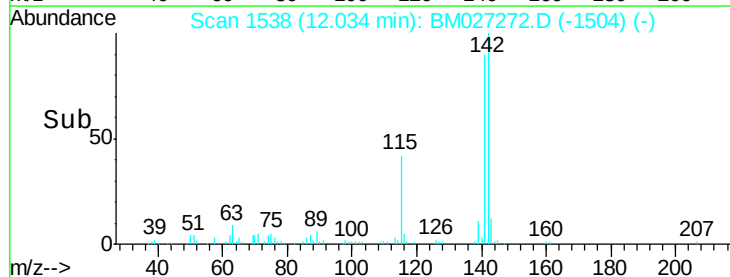
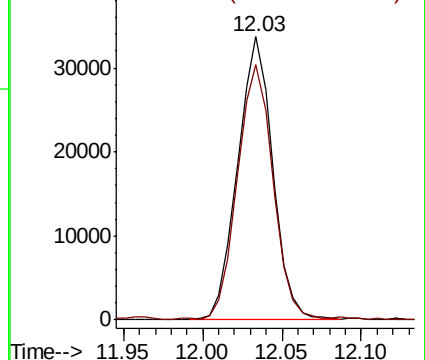
142 100

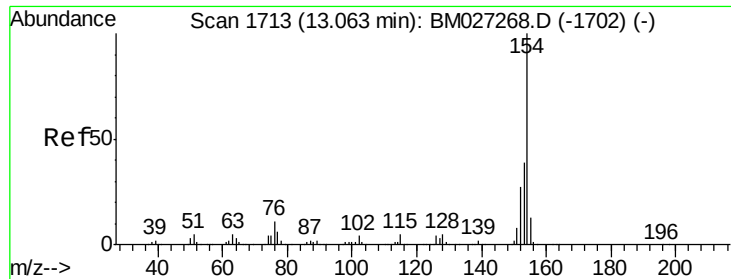
141 90.1 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41
 1,1'-Biphenyl
 Concen: 1.048 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM027272.D
 Acq: 27 Aug 2020 12:29

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05DL

Tot Ion:154	Resp:	33049
Ion	Ratio	Lower Upper
154	100	
153	39.1	32.2 48.2
76	12.2	10.2 15.4

