

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
 Data File : BM026022.D
 Acq On : 19 May 2020 17:14
 Operator : MA/SJ
 Sample : L2681-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CA8

Quant Time: May 19 18:02:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 19 10:05:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	160009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	656408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	381269	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	814173	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	866353	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	932594	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	25910	4.88	ng/uL	0.00
5) Phenol-d5	6.69	99	91866	6.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	282879	28.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	252167	22.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	169987	15.54	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	154499	28.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	157182	29.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	278793	26.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	39728	3.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	963788	31.52	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1078740	29.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	32246	5.96	ng/ul	0.00
58) Fluorene-d10	15.14	176	819419	30.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	173267	36.50	ng/ul	0.00
71) Anthracene-d10	16.99	188	1344043	33.50	ng/ul	0.00
79) Pyrene-d10	19.29	212	1581854	35.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1741370	35.08	ng/ul	0.00

Target Compounds

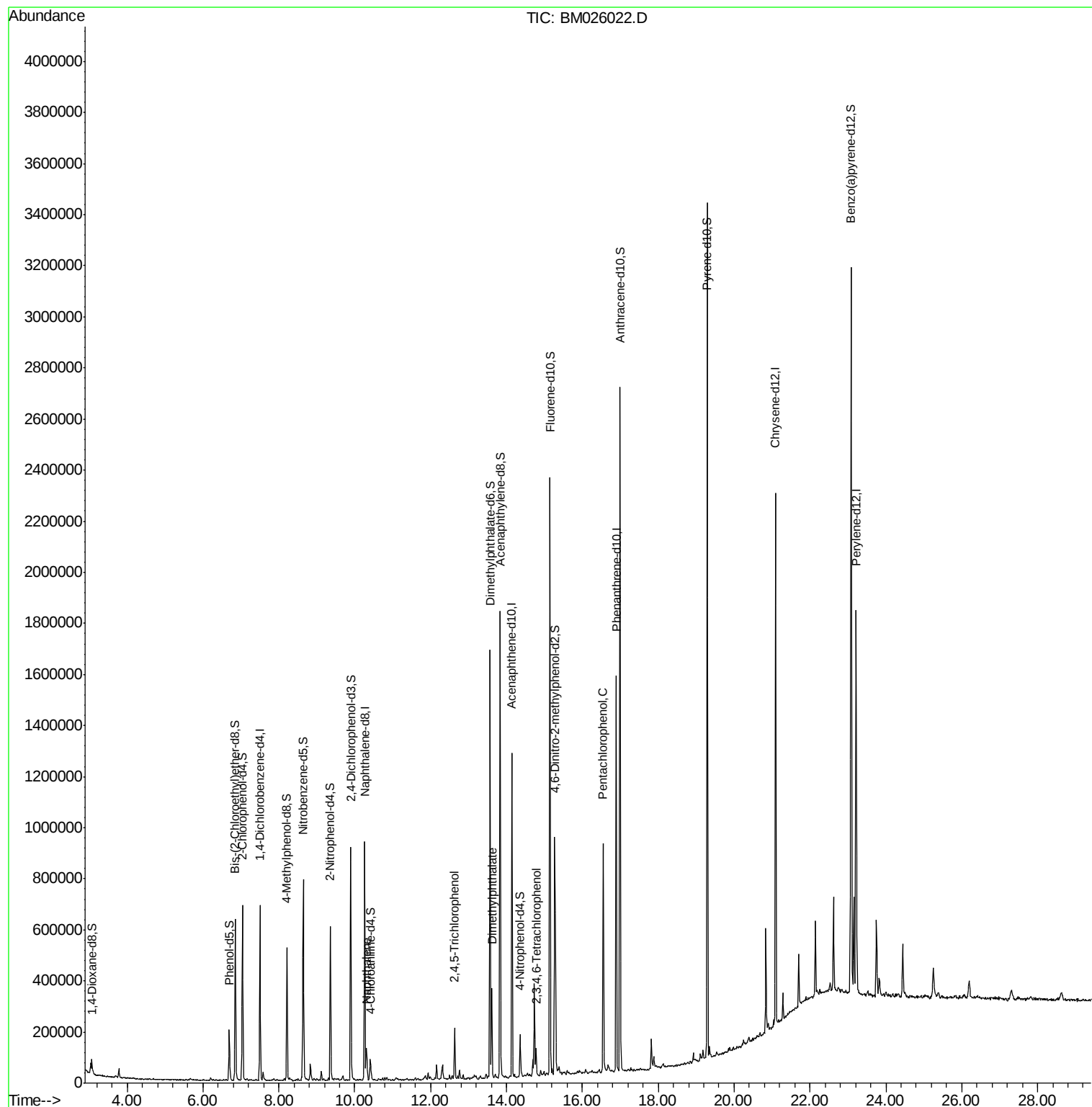
						Qvalue
28) Naphthalene	10.32	128	78730	1.96	ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	41824	4.77	ng/ul	96
45) Dimethylphthalate	13.62	163	193975	6.04	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	17184	2.33	ng/ul#	94
69) Pentachlorophenol	16.56	266	134451	22.90	ng/ul	98

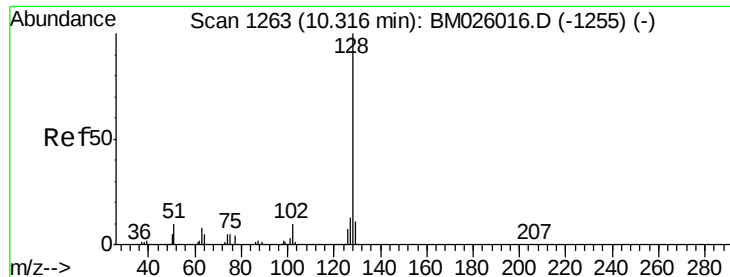
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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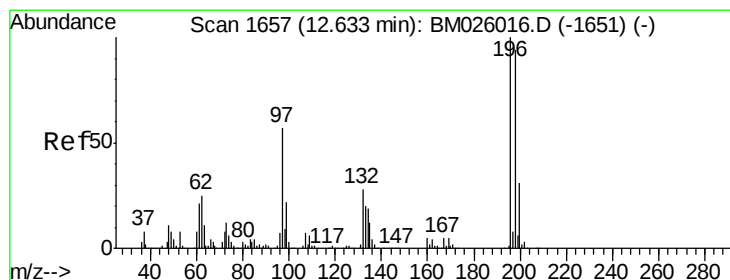
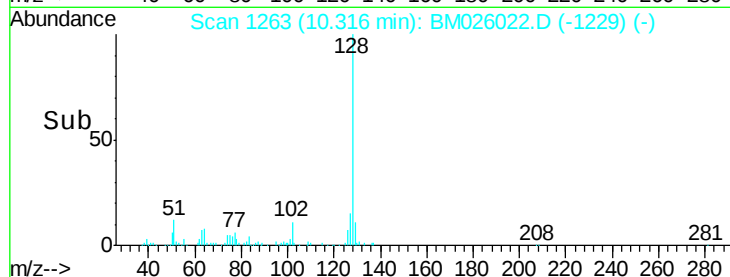
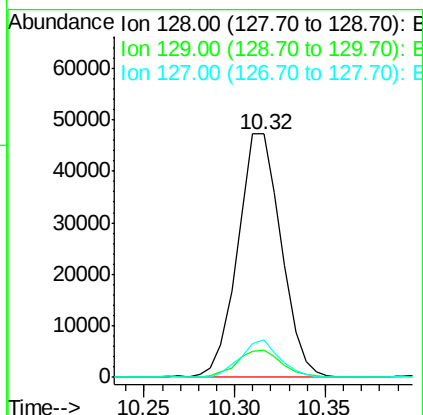
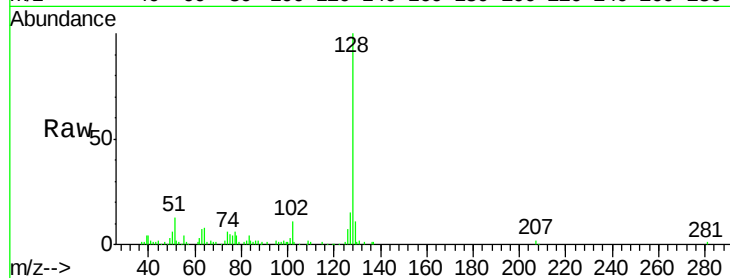




#28
Naphthalene
Concen: 1.96 ng/ul
RT: 10.32 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM026022.D
Acq: 19 May 2020 17:14

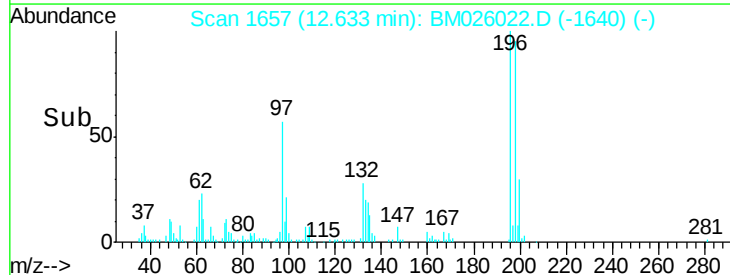
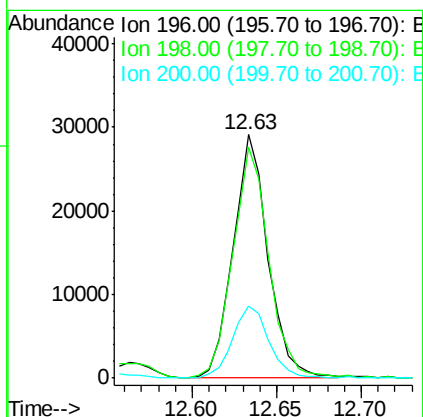
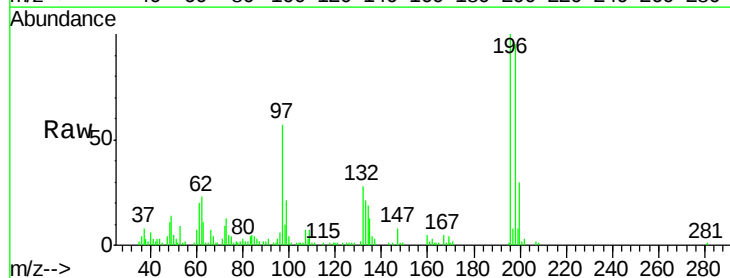
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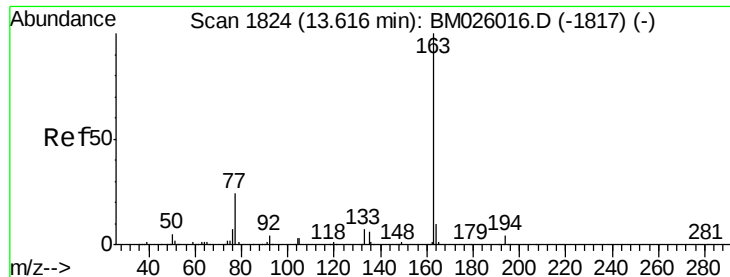
Tgt Ion:128 Resp: 78730
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 15.2 10.6 15.8



#40
2,4,5-Trichlorophenol
Concen: 4.77 ng/ul
RT: 12.63 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BM026022.D
Acq: 19 May 2020 17:14

Tgt Ion:196 Resp: 41824
Ion Ratio Lower Upper
196 100
198 94.9 79.0 118.6
200 29.7 25.0 37.4

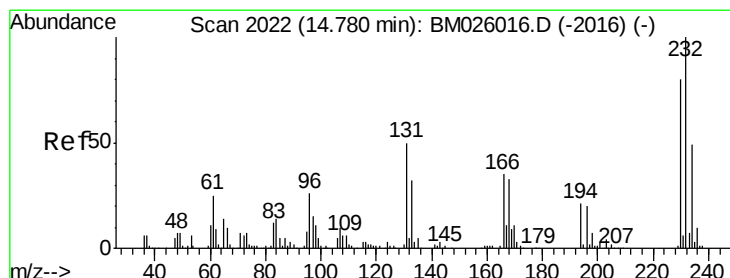
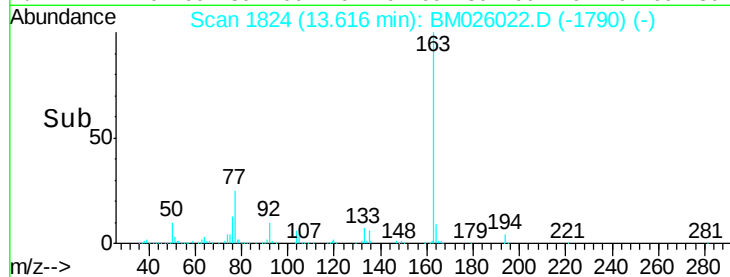
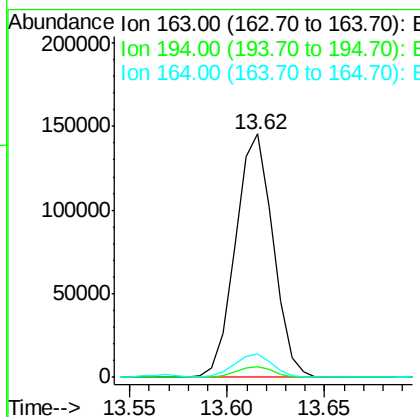
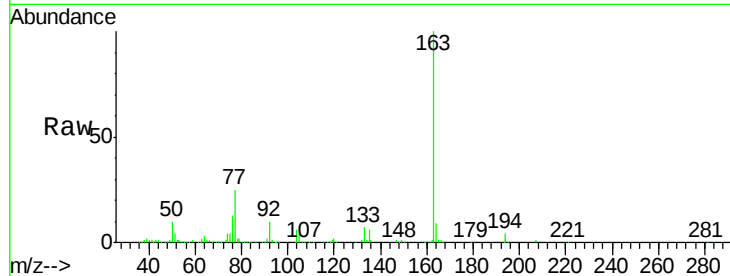




#45
Dimethylphthalate
Concen: 6.04 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM026022.D
Acq: 19 May 2020 17:14

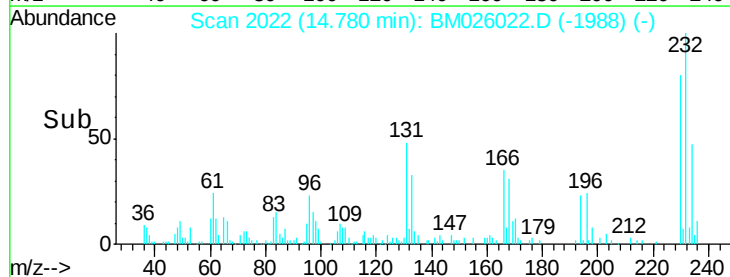
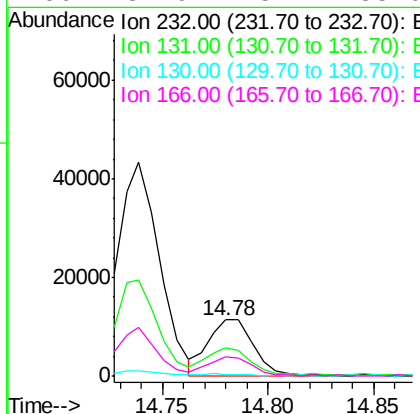
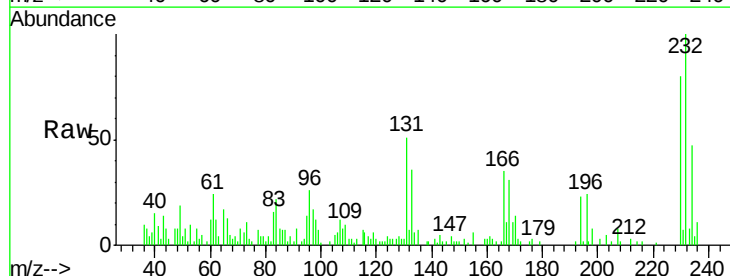
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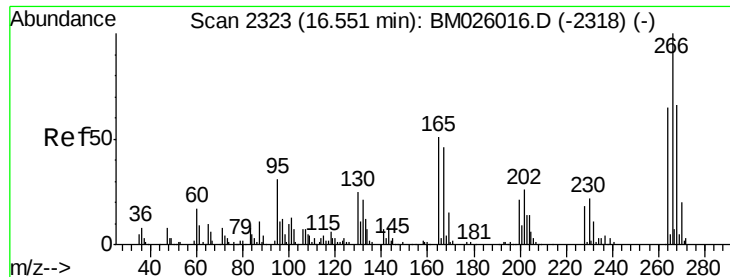
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.5	8.0	12.0



#56
2,3,4,6-Tetrachlorophenol
Concen: 2.33 ng/ul
RT: 14.78 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BM026022.D
Acq: 19 May 2020 17:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	37.0	55.4
130	3.0	1.8	2.8
166	34.9	25.4	38.0





#69

Pentachlorophenol

Concen: 22.90 ng/ul

RT: 16.56 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BM026022.D

Acq: 19 May 2020 17:14

Instrument :

BNA_M

ClientSampleId :

C5CA8

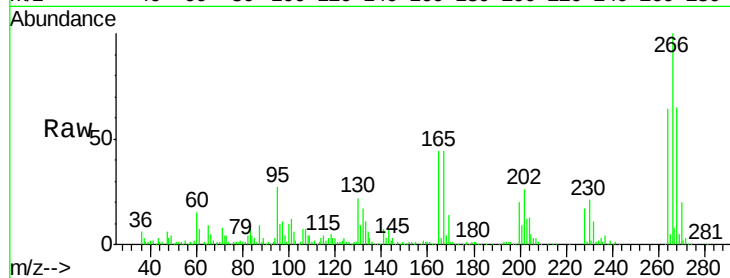
Tgt Ion: 266 Resp: 134451

Ion Ratio Lower Upper

266 100

264 64.4 49.3 73.9

268 64.7 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

