

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031949.D
 Acq On : 30 Aug 2021 14:09
 Operator : CG/JU
 Sample : M3365-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK87

Quant Time: Aug 30 14:48:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

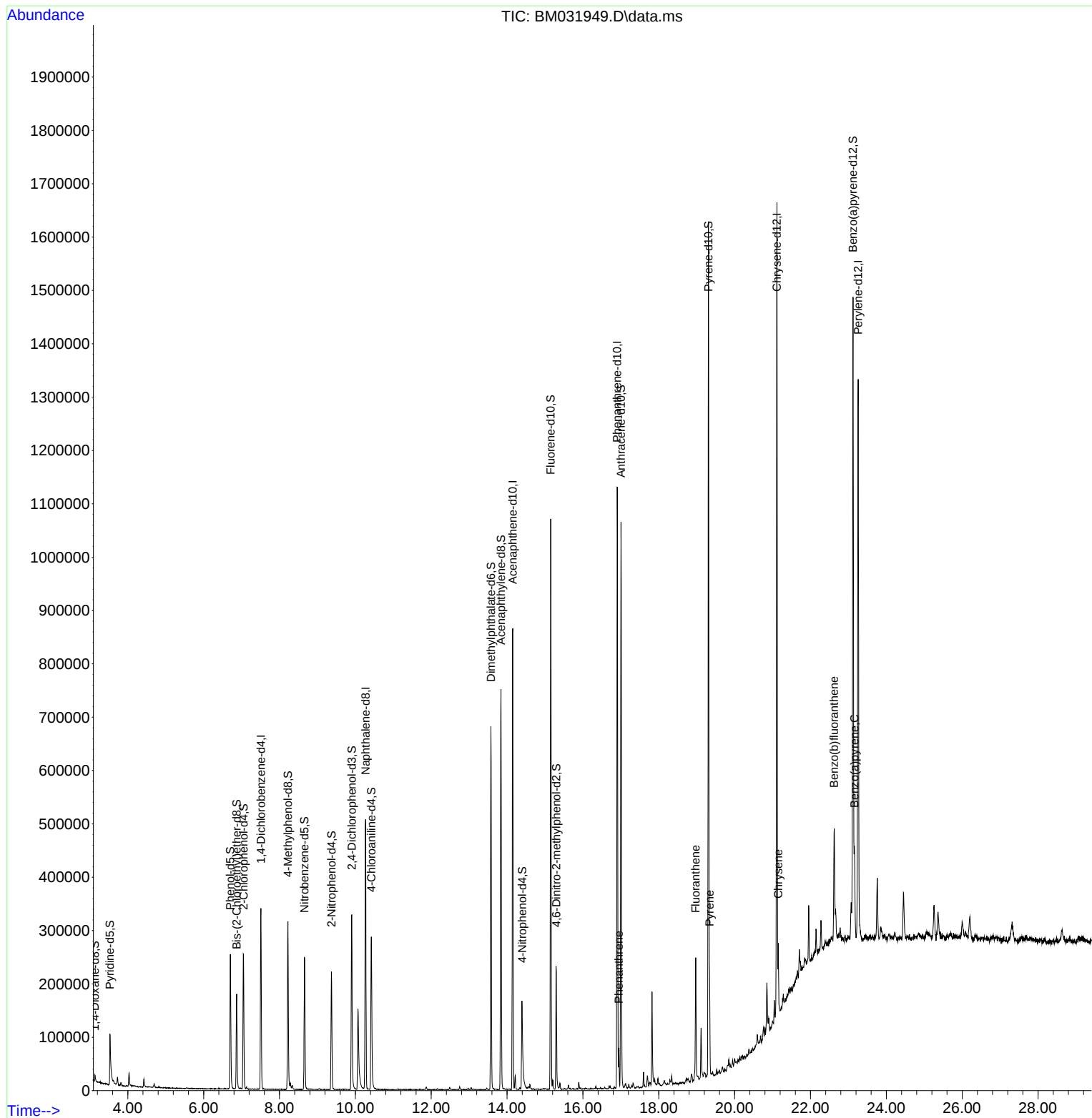
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	91277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	401640	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	298325	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	649256	20.000	ng/ul	0.00
79) Chrysene-d12	21.115	240	705744	20.000	ng/ul	# 0.00
88) Perylene-d12	23.256	264	694602	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	7068	3.573	ng/uL	0.00
4) Pyridine-d5	3.528	84	68615	12.214	ng/ul	0.00
7) Phenol-d5	6.705	99	136122	17.984	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	80972	18.490	ng/ul	0.00
11) 2-Chlorophenol-d4	7.052	132	113740	19.528	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	112526	17.328	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	56879	19.498	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	66112	19.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	128997	18.623	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	158772	16.250	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	451500	20.001	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	530178	19.832	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	52377	12.819	ng/ul	0.01
60) Fluorene-d10	15.151	176	396412	19.977	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	52072	11.672	ng/ul	0.00
73) Anthracene-d10	17.004	188	586003	19.016	ng/ul	0.00
81) Pyrene-d10	19.310	212	780854	23.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	776984	21.284	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.945	178	41972	1.184	ng/ul	99
80) Fluoranthene	18.974	202	127198	3.167	ng/ul#	95
82) Pyrene	19.339	202	109589	2.577	ng/ul#	95
87) Chrysene	21.151	228	71637	1.697	ng/ul	97
90) Benzo(b)fluoranthene	22.621	252	97111	2.194	ng/ul	98
93) Benzo(a)pyrene	23.162	252	53905	1.349	ng/ul	98

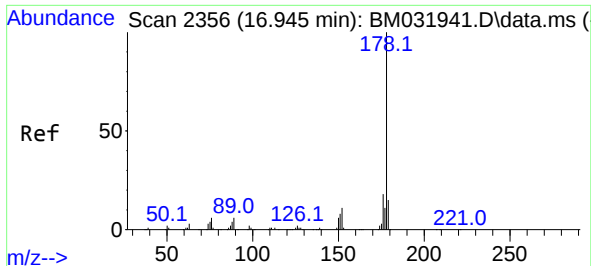
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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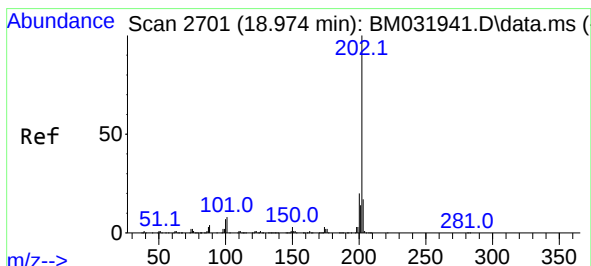
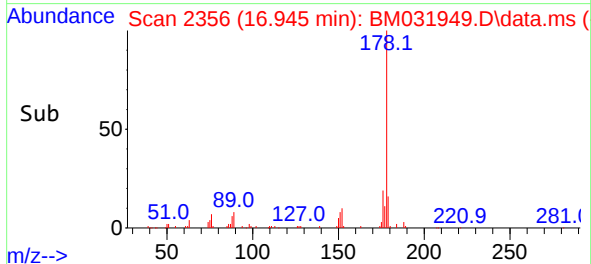
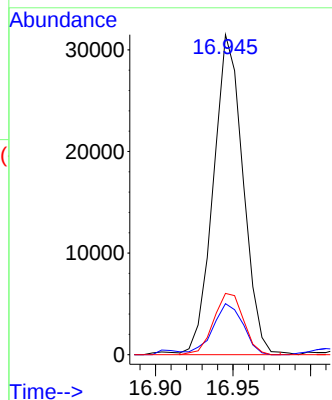
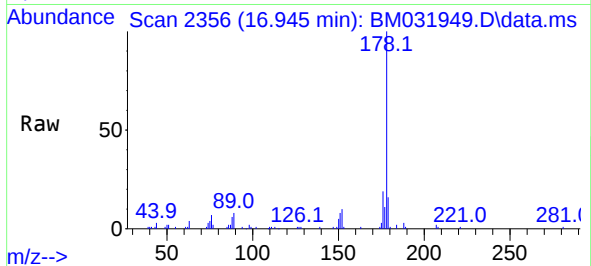




#72
Phenanthrene
Concen: 1.184 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031949.D
Acq: 30 Aug 2021 14:09

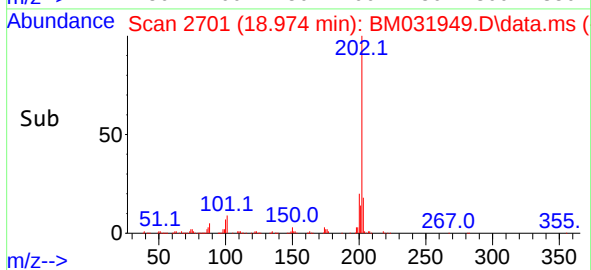
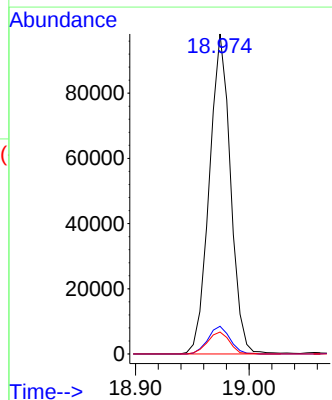
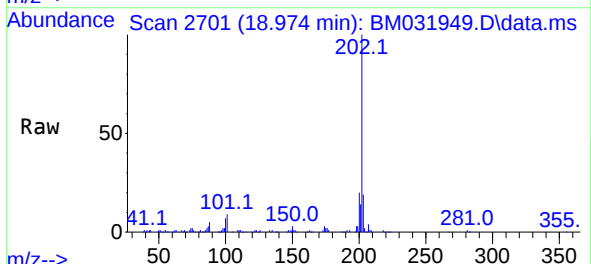
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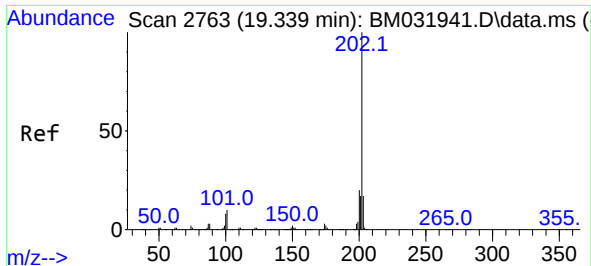
Tgt Ion:178 Resp: 41972
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 19.2 15.2 22.8



#80
Fluoranthene
Concen: 3.167 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. 0.000 min
Lab File: BM031949.D
Acq: 30 Aug 2021 14:09

Tgt Ion:202 Resp: 127198
Ion Ratio Lower Upper
202 100
101 8.6 8.8 13.2#
100 6.9 6.8 10.2

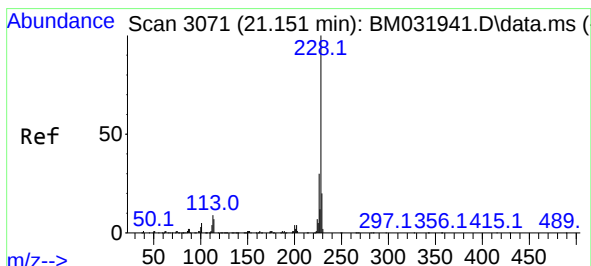
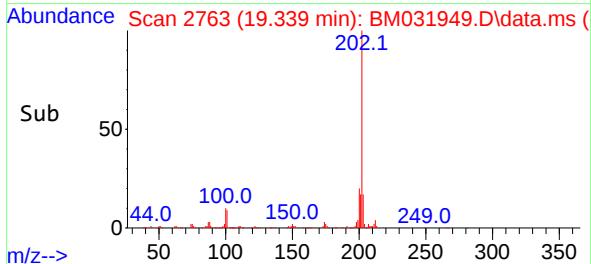
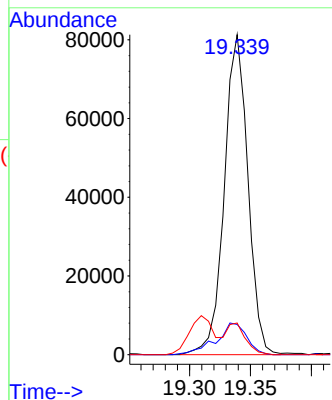
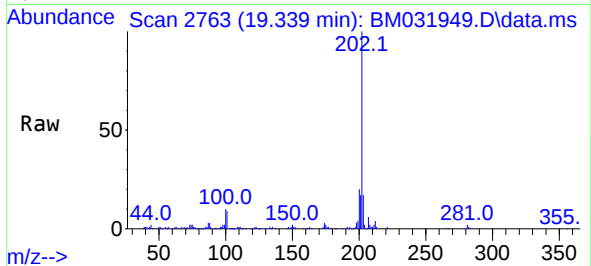




#82
Pyrene
Concen: 2.577 ng/u1
RT: 19.339 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BM031949.D
Acq: 30 Aug 2021 14:09

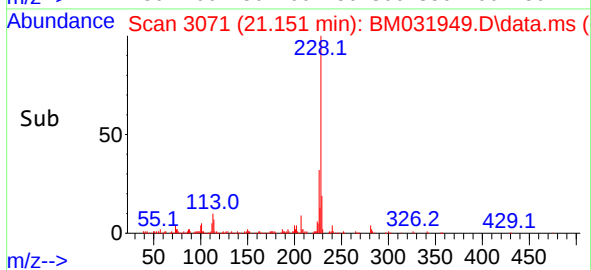
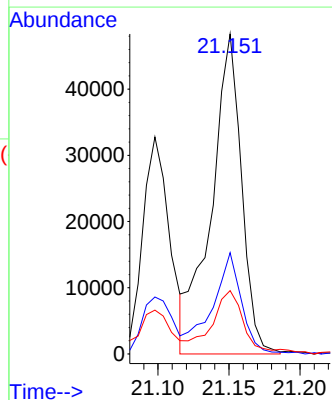
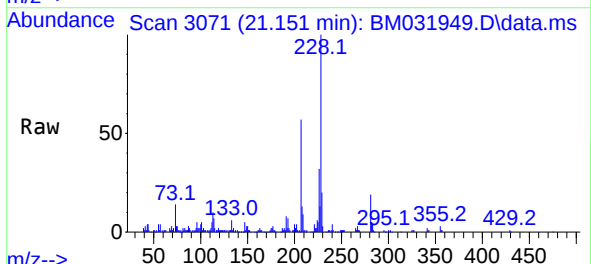
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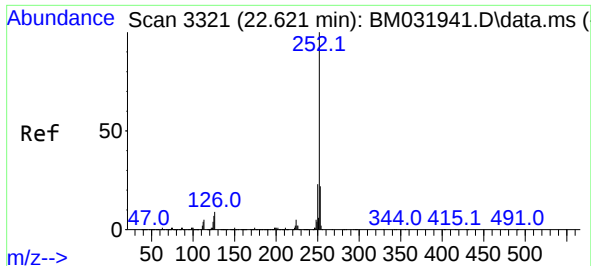
Tgt Ion:202 Resp: 109589
Ion Ratio Lower Upper
202 100
101 9.4 10.0 15.0#
100 9.9 8.5 12.7



#87
Chrysene
Concen: 1.697 ng/u1
RT: 21.151 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM031949.D
Acq: 30 Aug 2021 14:09

Tgt Ion:228 Resp: 71637
Ion Ratio Lower Upper
228 100
226 31.7 23.6 35.4
229 19.8 15.9 23.9

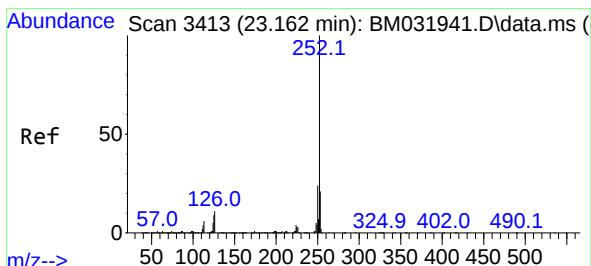
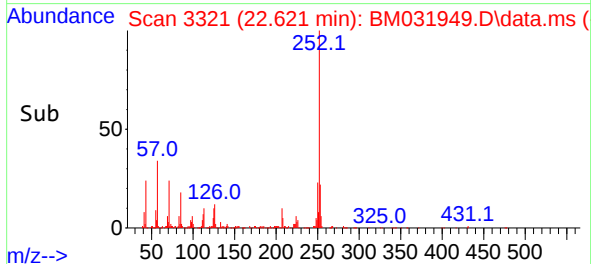
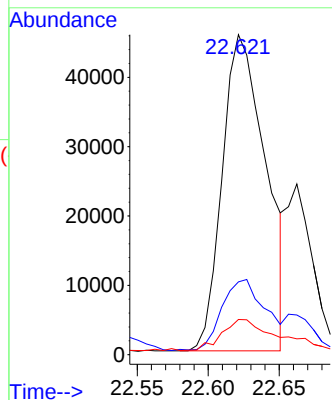
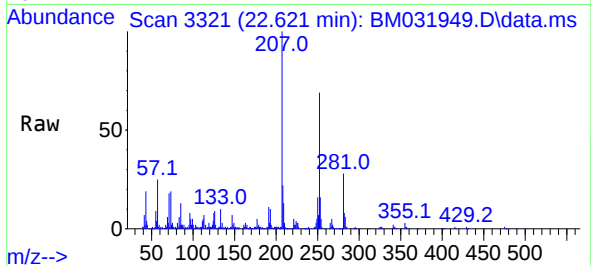




#90
Benzo(b)fluoranthene
Concen: 2.194 ng/u1
RT: 22.621 min Scan# 3321
Delta R.T. 0.006 min
Lab File: BM031949.D
Acq: 30 Aug 2021 14:09

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Tgt Ion:	252	Resp:	97111
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	11.0	7.7	11.5



#93
Benzo(a)pyrene
Concen: 1.349 ng/u1
RT: 23.162 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BM031949.D
Acq: 30 Aug 2021 14:09

Tgt Ion:	252	Resp:	53905
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	9.6	8.6	13.0

