

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080721\  
 Data File : BP006600.D  
 Acq On : 08 Aug 2021 10:50  
 Operator : CG/JU  
 Sample : M3169-10  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampled :  
 C00A9

Manual Integrations  
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Quant Time: Aug 09 01:39:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 09 01:37:18 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	218603	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	927690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	499731	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	921172	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	810202	20.000	ng/ul	0.00
88) Perylene-d12	23.563	264	867138	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	16607	2.836	ng/uL	0.01
4) Pyridine-d5	3.693	84	153394	8.823	ng/ul	0.02
7) Phenol-d5	6.934	99	513589	25.015	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	335034	26.227	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	408953	26.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	350500	21.709	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	210467	30.469	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	220267	33.396	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	349538	27.045	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	321482	15.109	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1068621	30.045	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	1328432	30.401	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	161545	22.875	ng/ul	0.01
60) Fluorene-d10	15.375	176	880305	29.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	70995	13.825	ng/ul	0.00
73) Anthracene-d10	17.233	188	1304884	31.380	ng/ul	0.00
81) Pyrene-d10	19.474	212	1361816	32.679	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	1358385	30.826	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.581	128	80096	1.664	ng/ul	99
36) 2-Methylnaphthalene	12.198	142	62604	1.898	ng/ul	98
72) Phenanthrene	17.175	178	159575	3.226	ng/ul	99
80) Fluoranthene	19.151	202	187572	3.653	ng/ul	98
82) Pyrene	19.504	202	171145	3.212	ng/ul	99
85) Benzo(a)anthracene	21.216	228	98203	1.956	ng/ul#	88
87) Chrysene	21.269	228	140574	2.921	ng/ul#	95
90) Benzo(b)fluoranthene	22.851	252	169934	3.085	ng/ul#	80
91) Benzo(k)fluoranthene	22.898	252	52667m	1.008	ng/ul	
93) Benzo(a)pyrene	23.463	252	100457	2.087	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	25.962	276	84592	1.373	ng/ul	90

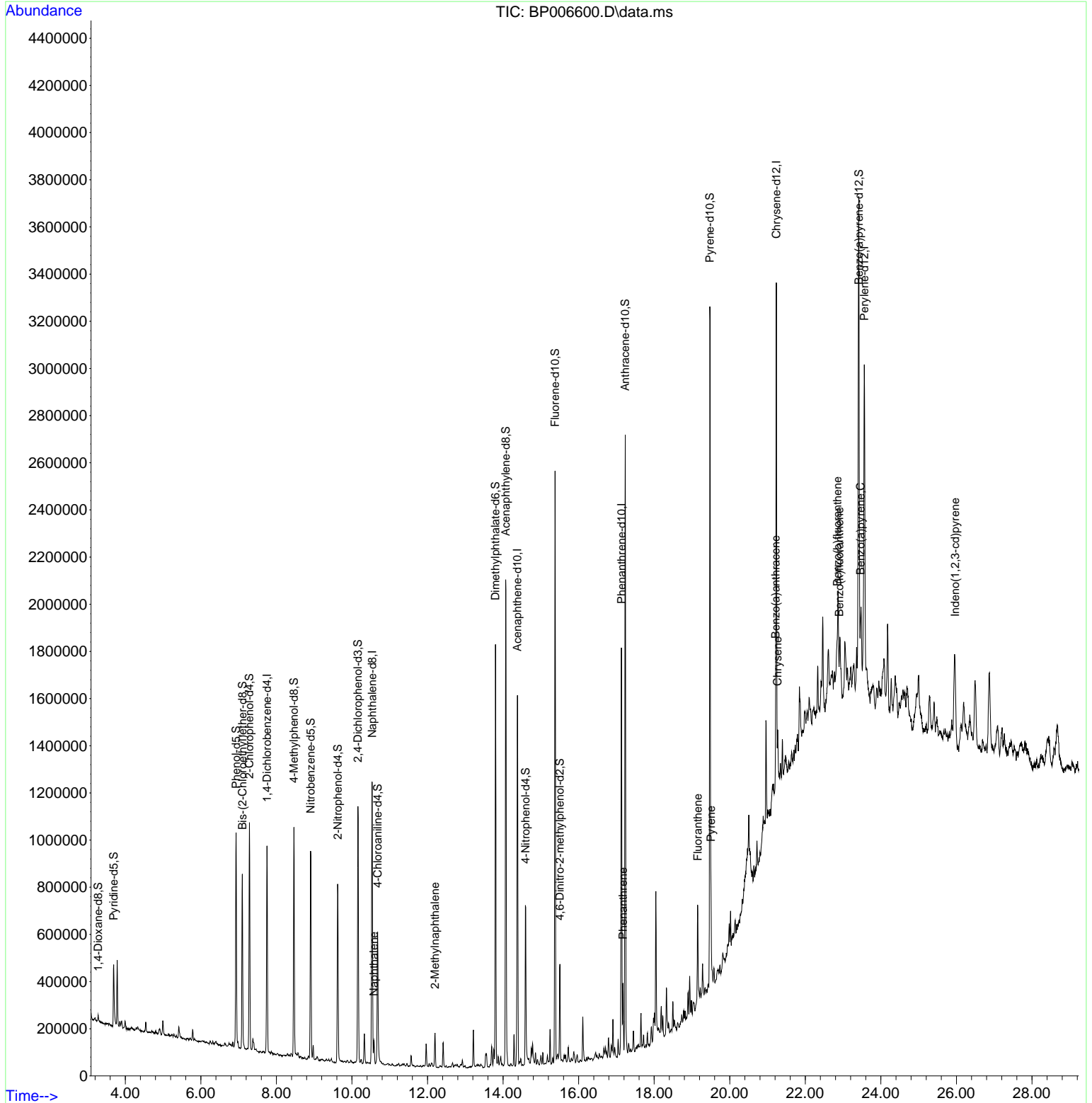
(#) = qualifier out of range (m) = manual integration (+) = signals summed

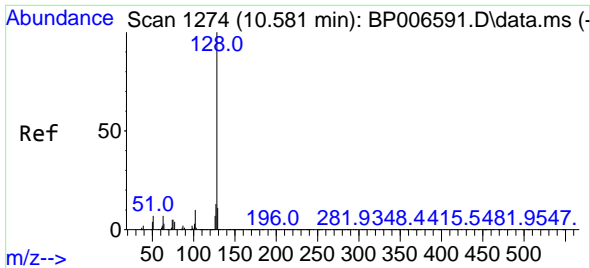
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080721\  
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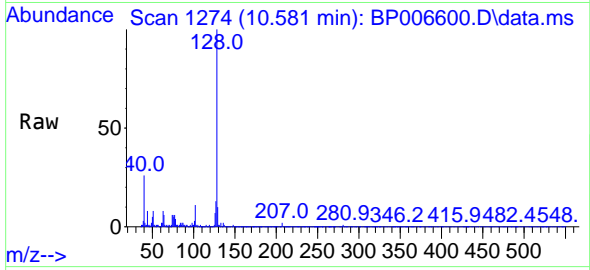
Quant Time: Aug 09 01:39:04 2021  
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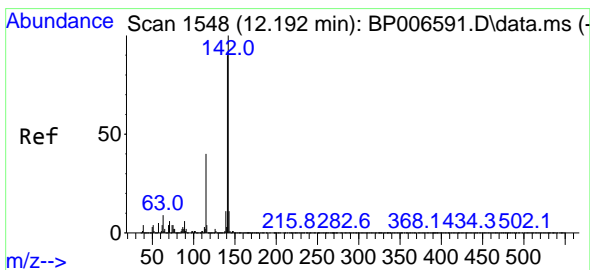
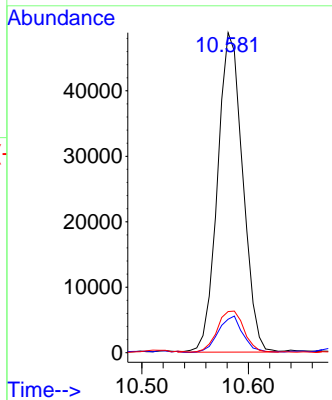
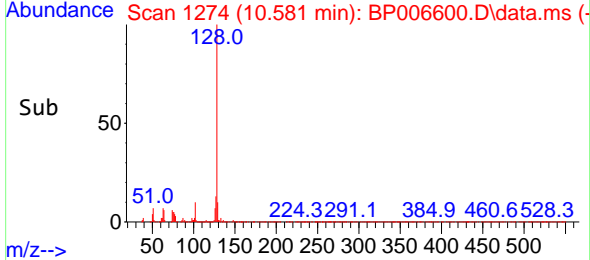
#30  
 Naphthalene  
 Concen: 1.664 ng/u1  
 RT: 10.581 min Scan# 1274  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
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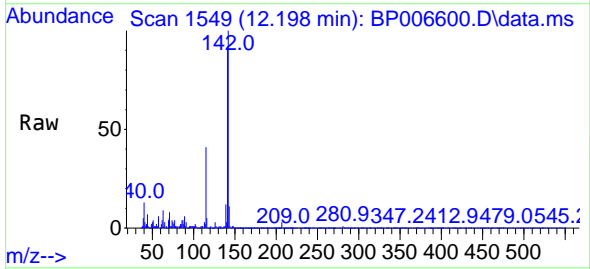


Tgt Ion:128 Resp: 80096  
 Ion Ratio Lower Upper  
 128 100  
 129 10.5 8.6 13.0  
 127 12.9 10.6 15.8

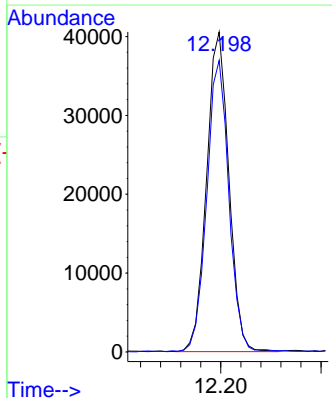
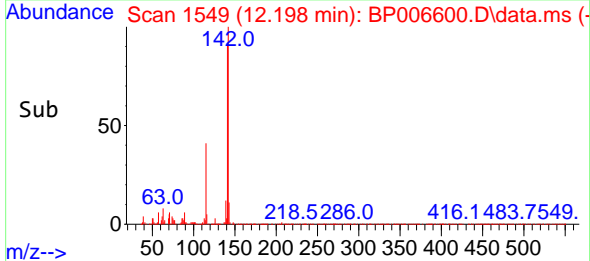
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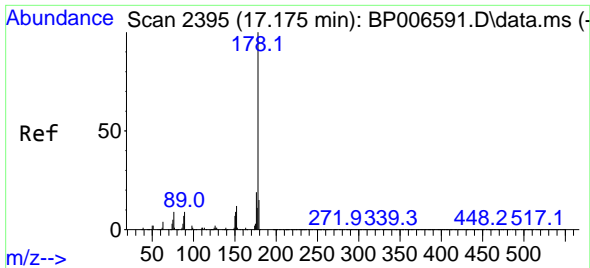


#36  
 2-Methylnaphthalene  
 Concen: 1.898 ng/u1  
 RT: 12.198 min Scan# 1549  
 Delta R.T. 0.006 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50



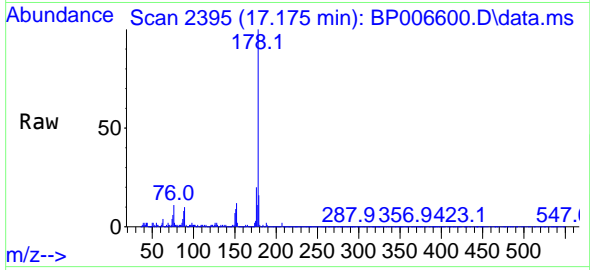
Tgt Ion:142 Resp: 62604  
 Ion Ratio Lower Upper  
 142 100  
 141 91.1 71.5 107.3





#72  
 Phenanthrene  
 Concen: 3.226 ng/u1  
 RT: 17.175 min Scan# 2395  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50

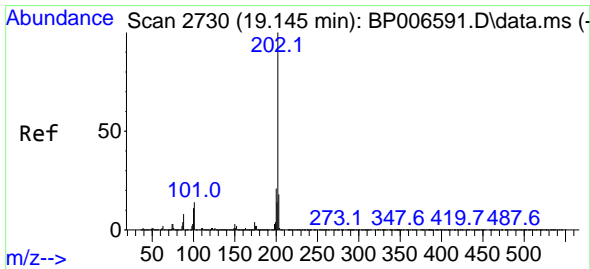
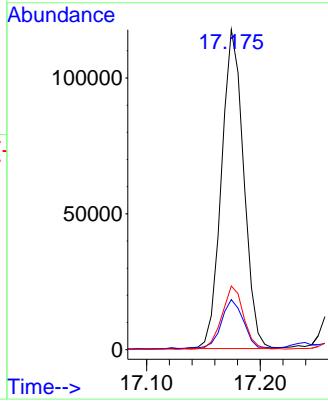
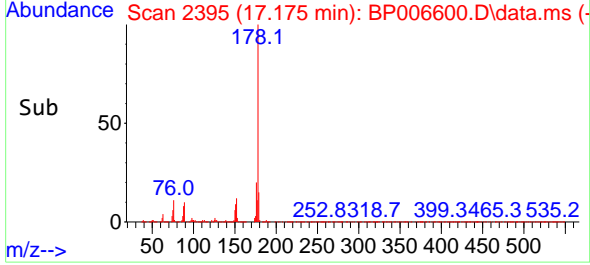
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**ClientSampled :**  
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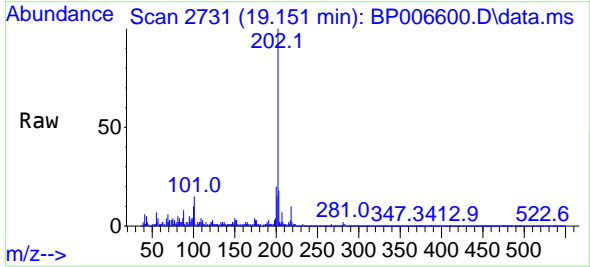
Tgt Ion:178 Resp: 159575

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.9	15.2	22.8

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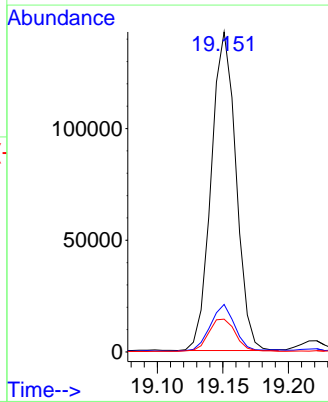
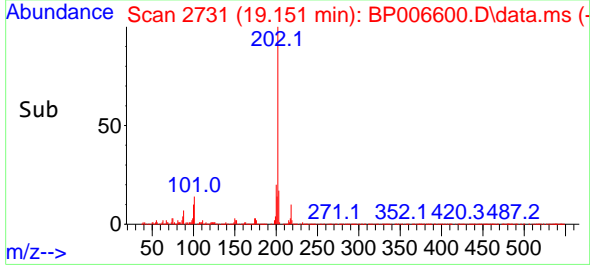


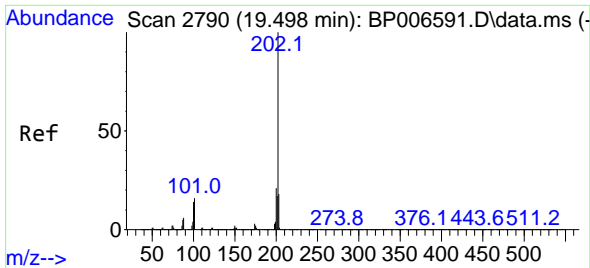
#80  
 Fluoranthene  
 Concen: 3.653 ng/u1  
 RT: 19.151 min Scan# 2731  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50



Tgt Ion:202 Resp: 187572

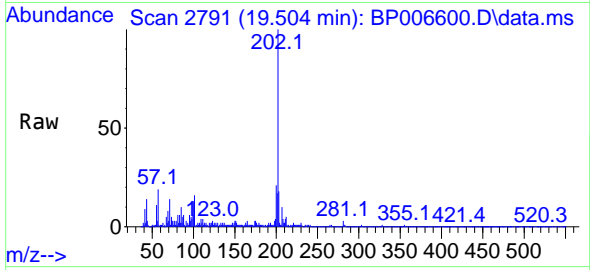
Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.2	16.8
100	10.3	8.7	13.1





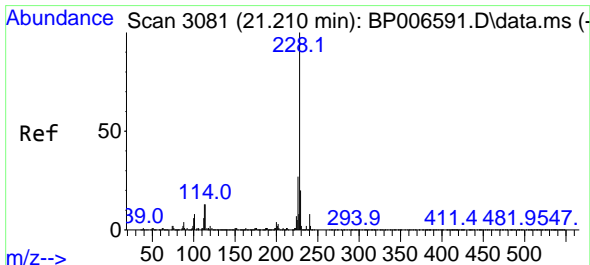
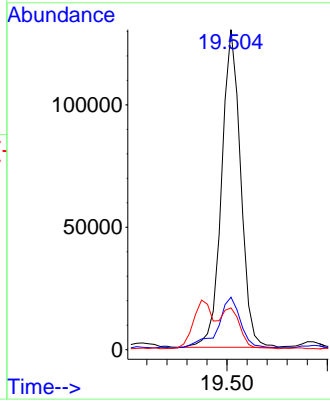
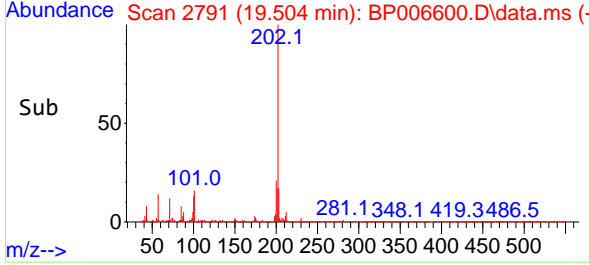
#82  
 Pyrene  
 Concen: 3.212 ng/u1  
 RT: 19.504 min Scan# 2791  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50

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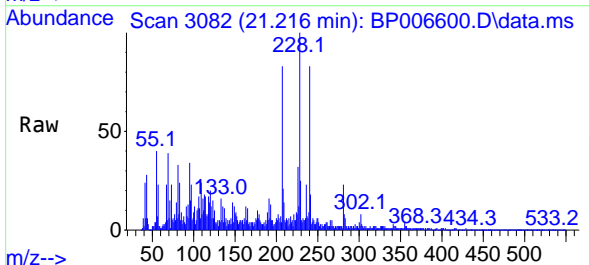


Tgt Ion:202 Resp: 171145  
 Ion Ratio Lower Upper  
 202 100  
 101 16.4 13.0 19.6  
 100 13.1 11.4 17.0

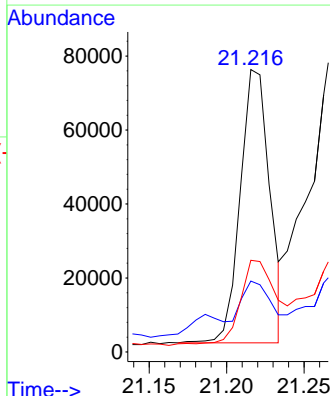
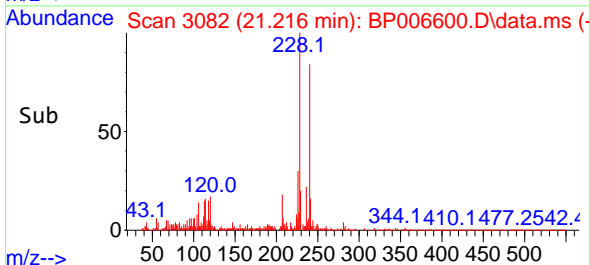
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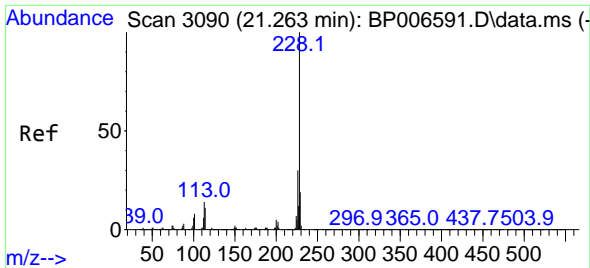


#85  
 Benzo(a)anthracene  
 Concen: 1.956 ng/u1  
 RT: 21.216 min Scan# 3082  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50



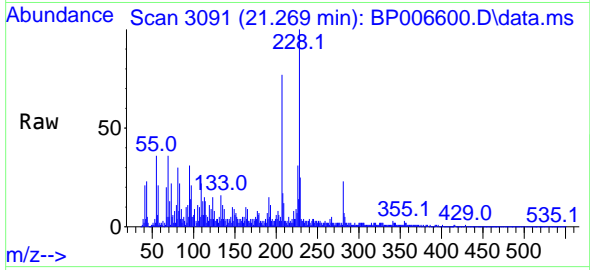
Tgt Ion:228 Resp: 98203  
 Ion Ratio Lower Upper  
 228 100  
 229 25.1 15.6 23.4#  
 226 32.5 21.2 31.8#





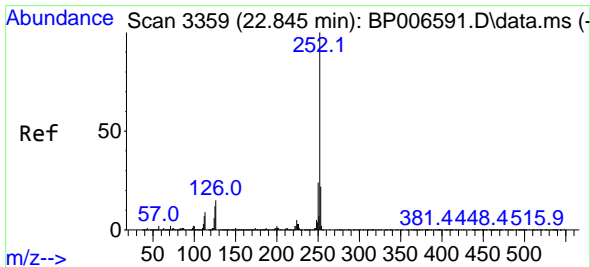
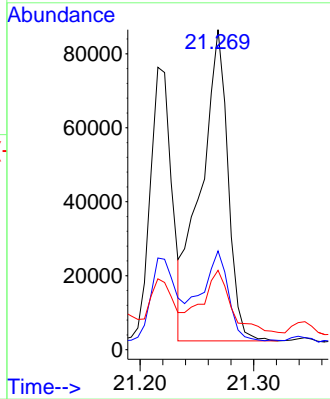
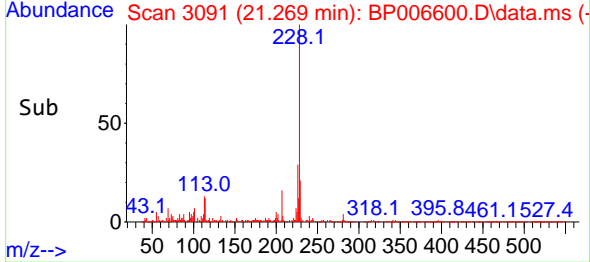
#87  
 Chrysene  
 Concen: 2.921 ng/u1  
 RT: 21.269 min Scan# 3091  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50

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 BNA\_P  
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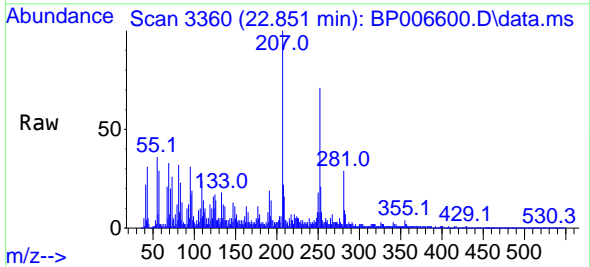


Tgt Ion:228 Resp: 140574  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 24.5 36.7  
 229 24.8 15.5 23.3#

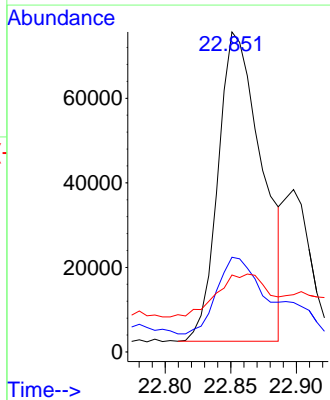
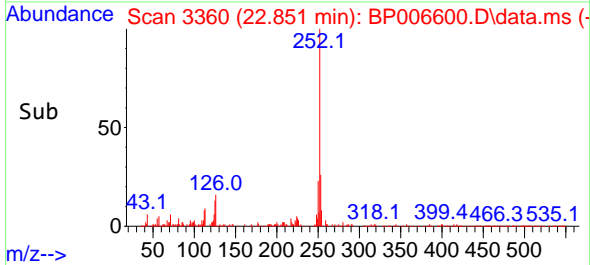
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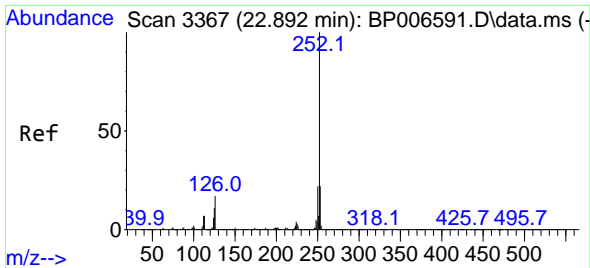


#90  
 Benzo(b)fluoranthene  
 Concen: 3.085 ng/u1  
 RT: 22.851 min Scan# 3360  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
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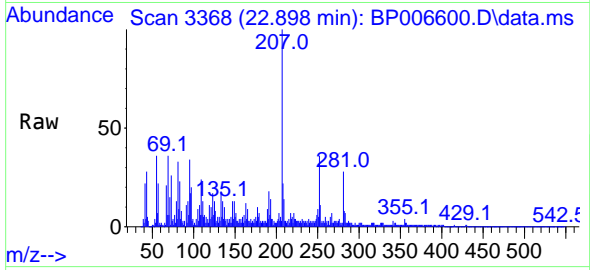
Tgt Ion:252 Resp: 169934  
 Ion Ratio Lower Upper  
 252 100  
 253 29.6 17.4 26.2#  
 125 24.1 10.6 15.8#





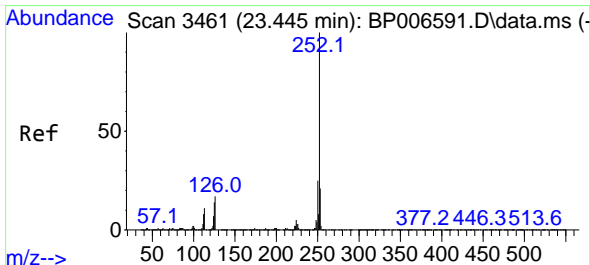
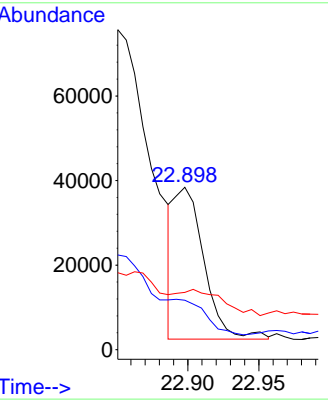
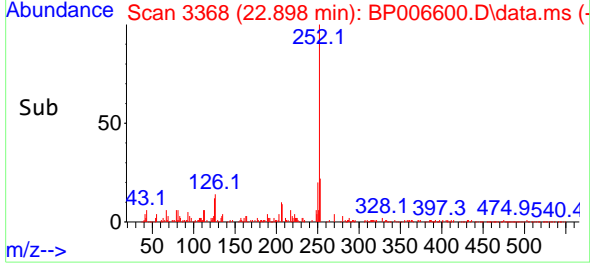
#91  
 Benzo(k)fluoranthene  
 Concen: 1.008 ng/ul m  
 RT: 22.898 min Scan# 3368  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
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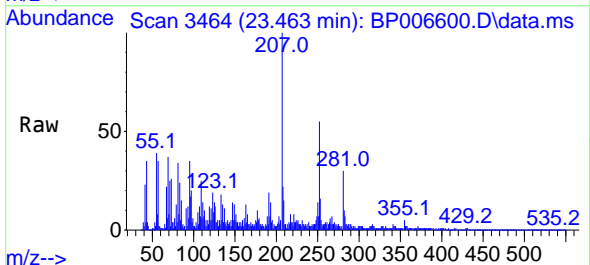


Tgt Ion:252 Resp: 52667  
 Ion Ratio Lower Upper  
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 253 30.4 17.7 26.5#  
 125 35.3 9.6 14.4#

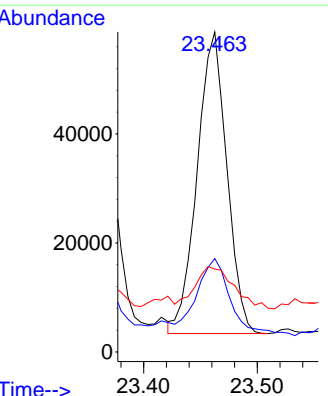
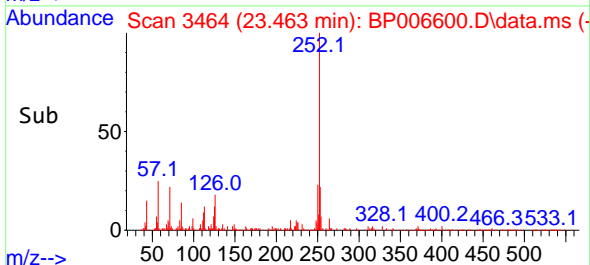
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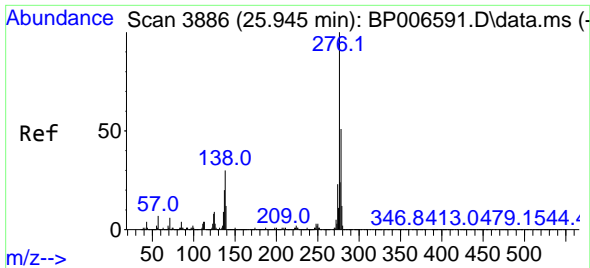


#93  
 Benzo(a)pyrene  
 Concen: 2.087 ng/ul  
 RT: 23.463 min Scan# 3464  
 Delta R.T. 0.006 min  
 Lab File: BP006600.D  
 Acq: 08 Aug 2021 10:50



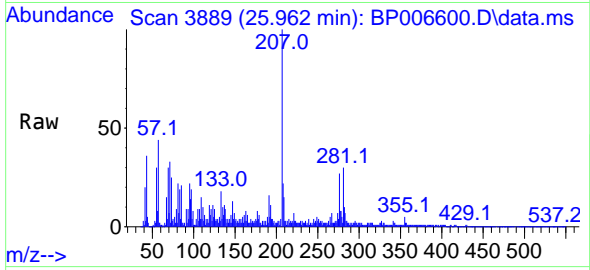
Tgt Ion:252 Resp: 100457  
 Ion Ratio Lower Upper  
 252 100  
 253 29.2 17.5 26.3#  
 125 25.9 11.6 17.4#





#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.373 ng/ul  
 RT: 25.962 min Scan# 3889  
 Delta R.T. -0.000 min  
 Lab File: BP006600.D  
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Tgt Ion: 276 Resp: 84592

Ion	Ratio	Lower	Upper
276	100		
138	34.2	22.9	34.3
277	29.8	20.0	30.0

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