

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
 Data File : BM034693.D
 Acq On : 15 Apr 2022 07:15
 Operator : CG/JU
 Sample : N2316-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETNR4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :Yogesh Patel 04/23/2022

Quant Time: Apr 22 08:33:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 05:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	146763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.684	136	624826	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.519	164	365931	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.295	188	745567	20.000	ng/ul	# 0.05
79) Chrysene-d12	21.442	240	729624	20.000	ng/ul	# 0.02
88) Perylene-d12	23.865	264	7193m	20.000	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	16745m	4.069	ng/uL	0.02
4) Pyridine-d5	3.655	84	892	0.090	ng/ul	0.00
7) Phenol-d5	7.037	99	315010	25.788	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.190	67	241744	29.699	ng/ul	0.01
11) 2-Chlorophenol-d4	7.396	132	276795	29.313	ng/ul	0.01
15) 4-Methylphenol-d8	8.590	113	254148	26.635	ng/ul	0.02
21) Nitrobenzene-d5	9.031	128	140771	30.655	ng/ul	0.02
24) 2-Nitrophenol-d4	9.784	143	158578	33.168	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.313	165	396507	44.044	ng/ul	0.03
31) 4-Chloroaniline-d4	10.825	131	2194m	0.177	ng/ul	0.02
46) Dimethylphthalate-d6	13.936	166	852767	32.251	ng/ul	0.02
49) Acenaphthylene-d8	14.219	160	923502	27.174	ng/ul	0.02
54) 4-Nitrophenol-d4	14.730	143	60467	14.998	ng/ul	0.02
60) Fluorene-d10	15.507	176	696235	30.470	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.624	200	93294	20.497	ng/ul	0.01
73) Anthracene-d10	17.389	188	927692	26.098	ng/ul	0.05
81) Pyrene-d10	19.659	212	1034388	25.975	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.677	264	20981m	57.987	ng/ul	0.04
Target Compounds						
43) 1,1'-Biphenyl	13.354	154	32698	1.180	ng/ul#	96
90) Benzo(b)fluoranthene	23.106	252	8668	20.280	ng/ul#	1
91) Benzo(k)fluoranthene	23.147	252	2962m	6.599	ng/ul	

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

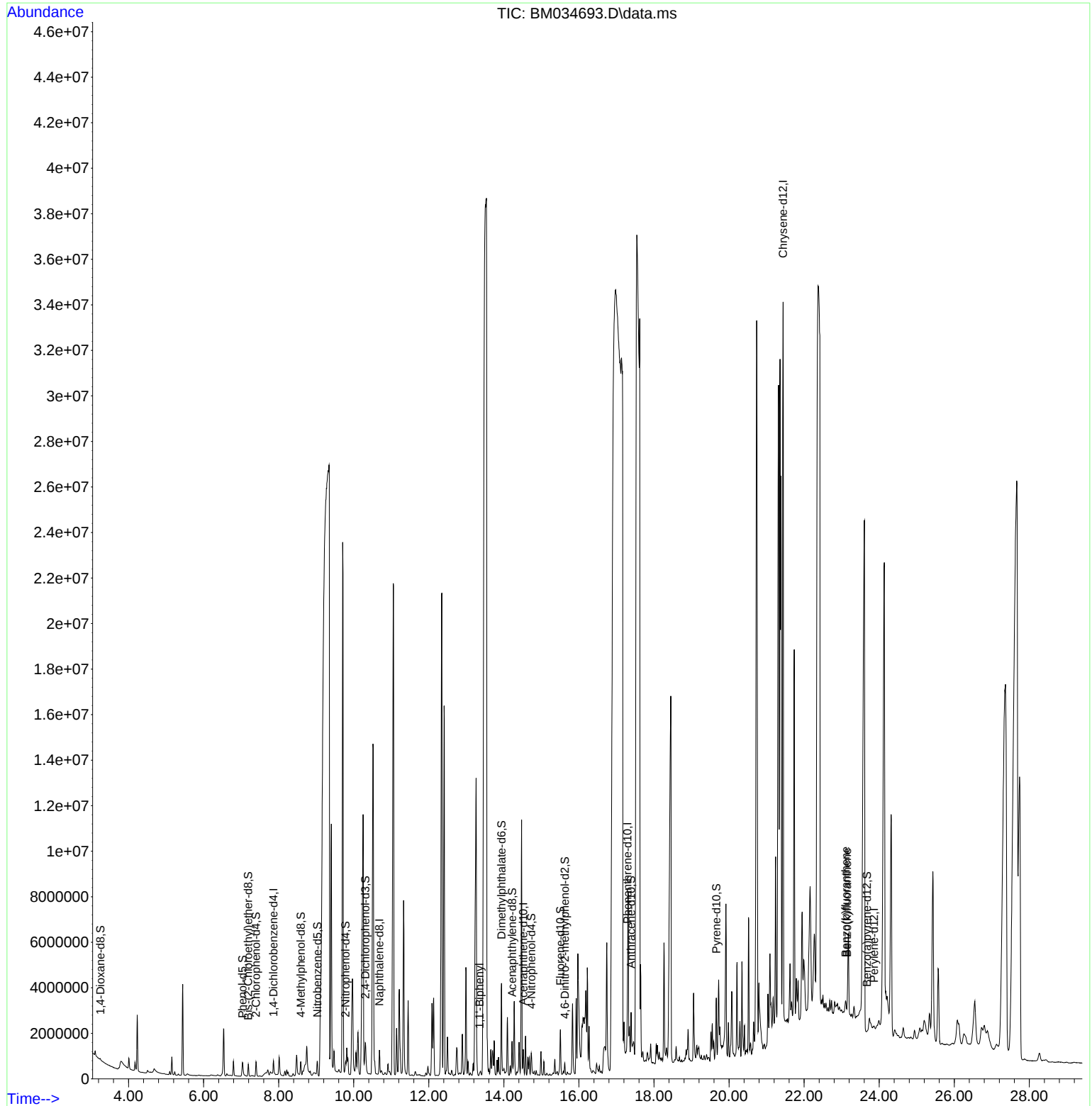
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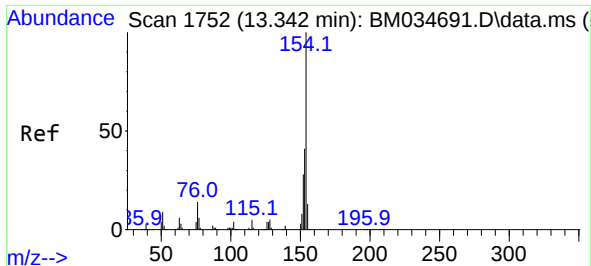
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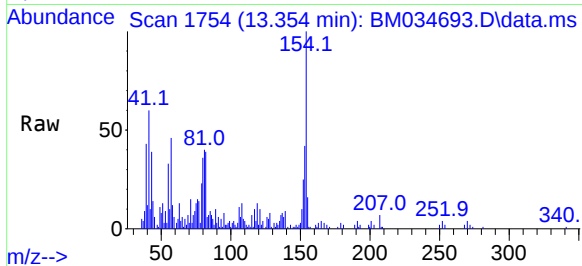
Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :Yogesh Patel 04/23/2022





#43
1,1'-Biphenyl
Concen: 1.180 ng/ul
RT: 13.354 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM034693.D
Acq: 15 Apr 2022 07:15

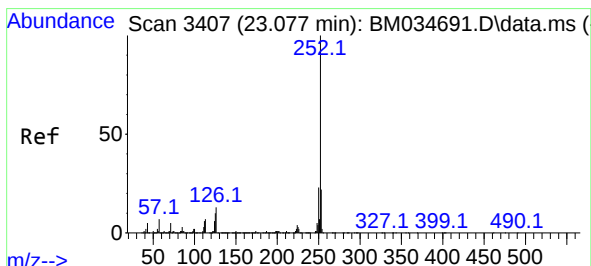
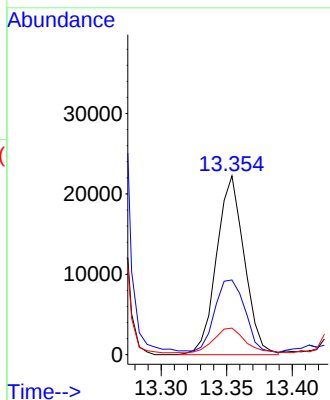
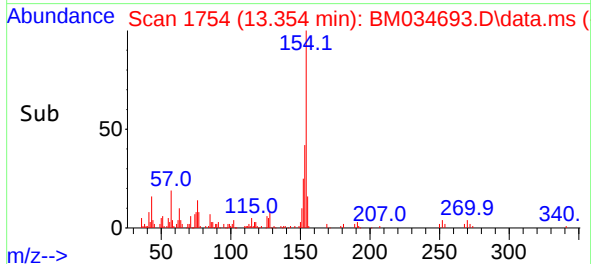
Instrument :
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Tgt Ion:154 Resp: 32698
Ion Ratio Lower Upper
154 100
153 41.8 32.6 49.0
76 14.9 7.7 11.5

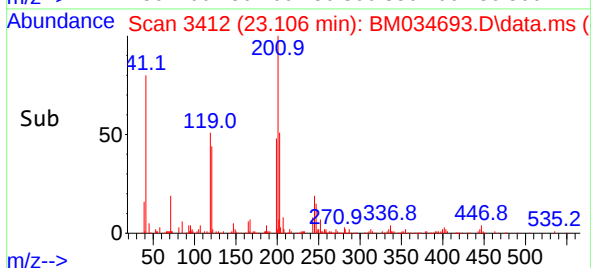
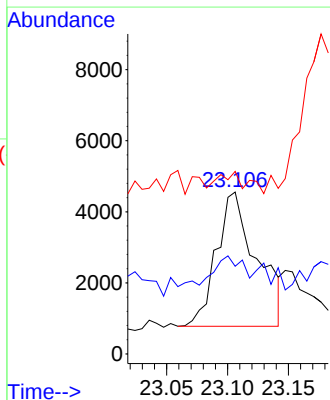
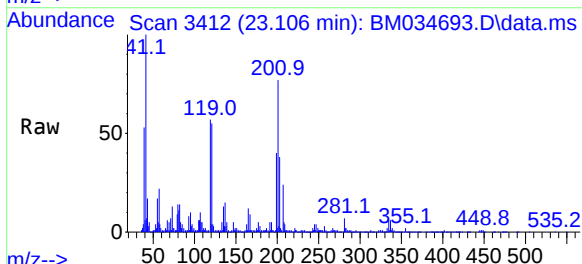
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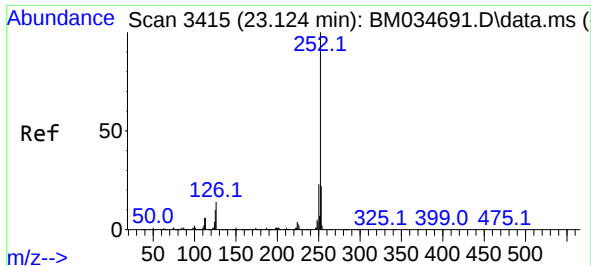
Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :Yogesh Patel 04/23/2022



#90
Benzo(b)fluoranthene
Concen: 20.280 ng/ul
RT: 23.106 min Scan# 3412
Delta R.T. 0.035 min
Lab File: BM034693.D
Acq: 15 Apr 2022 07:15

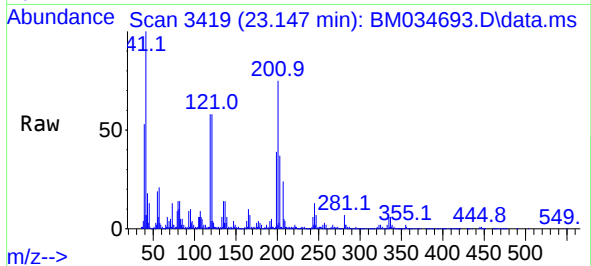
Tgt Ion:252 Resp: 8668
Ion Ratio Lower Upper
252 100
253 54.2 17.4 26.0#
125 112.7 5.8 8.6#





#91
Benzo(k)fluoranthene
Concen: 6.599 ng/ul m
RT: 23.147 min Scan# 3415
Delta R.T. 0.029 min
Lab File: BM034693.D
Acq: 15 Apr 2022 07:15

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Tgt Ion:252 Resp: 2962
Ion Ratio Lower Upper
252 100
253 76.6 17.5 26.3
125 210.0 5.1 7.7

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