

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
 Data File : BP012493.D
 Acq On : 03 Nov 2022 17:13
 Operator : CG/JU
 Sample : N5319-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHA98

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/05/2022
 Supervised By :mohammad ahmed 11/06/2022

Quant Time: Nov 03 23:05:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 03 00:09:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	294201	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1394676	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	926330	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	2029507	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1782898	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1552005	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	25610	3.505	ng/uL	0.00
4) Pyridine-d5	3.664	84	138122	6.581	ng/u1	0.00
7) Phenol-d5	6.964	99	186412	7.064	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	412390	26.179	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	466318	24.199	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	366065	17.540	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	293404	32.441	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	318404	33.919	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	651590	32.029	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	691196	22.818	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	2175308	34.304	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	2290824	31.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	76588m	6.382	ng/u1	0.02
60) Fluorene-d10	15.434	176	1814620	33.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	313765	29.694	ng/u1	0.00
73) Anthracene-d10	17.298	188	3087033	35.302	ng/u1	0.00
81) Pyrene-d10	19.539	212	3428296	38.299	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	2734616	36.061	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	16368	2.107	ng/uL#	94
8) Phenol	6.987	94	27726	1.011	ng/u1#	82
30) Naphthalene	10.634	128	5110180	69.135	ng/u1	99
36) 2-Methylnaphthalene	12.252	142	862597	17.022	ng/u1	99
37) 1-Methylnaphthalene	12.469	142	1284214	25.376	ng/u1	98
43) 1,1'-Biphenyl	13.263	154	83893	1.232	ng/u1	99
52) Acenaphthene	14.498	153	555809	9.732	ng/u1	99
61) Fluorene	15.487	166	66268	1.070	ng/u1	97
72) Phenanthrene	17.240	178	121035	1.129	ng/u1	98

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

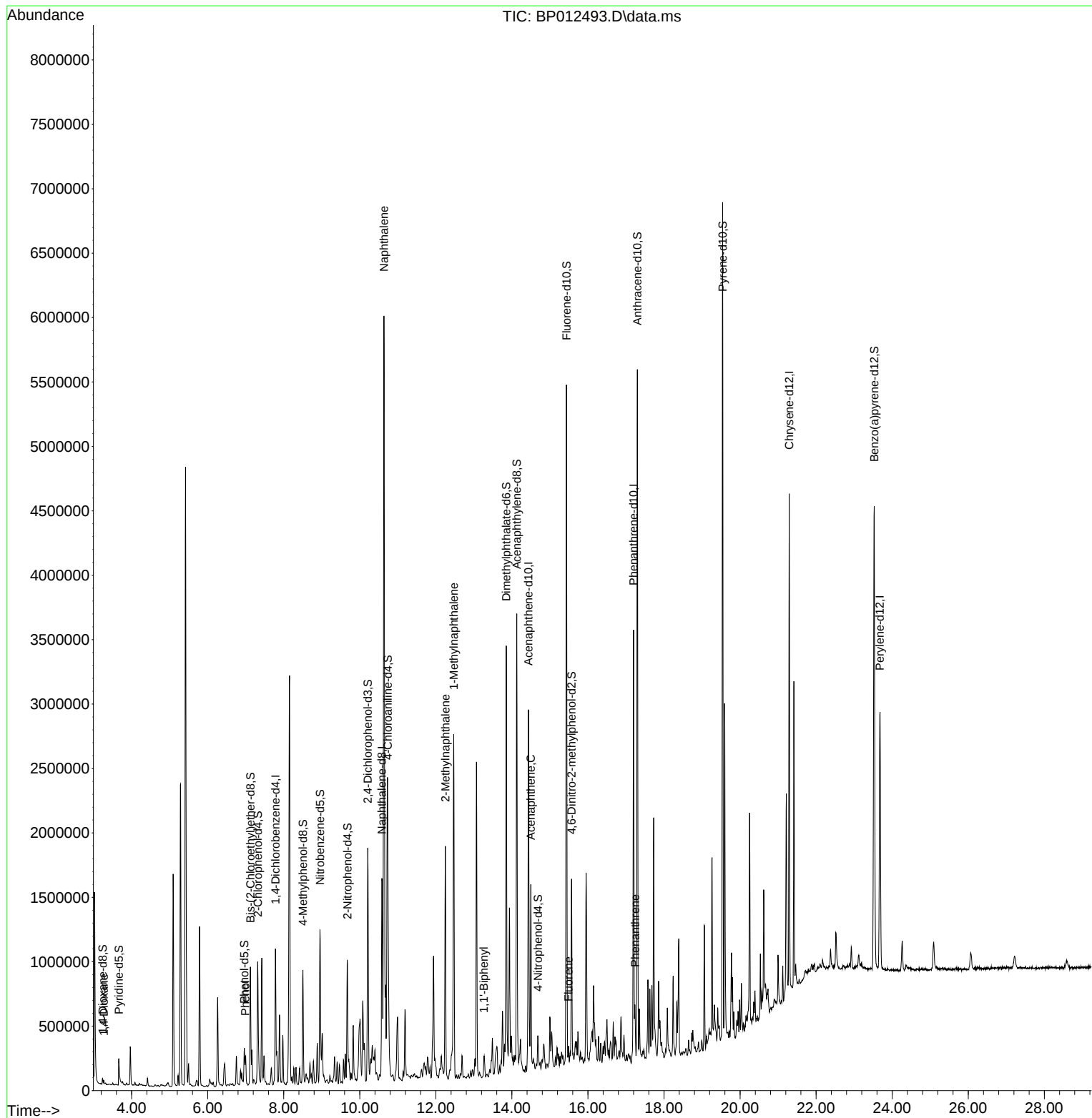
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
Data File : BP012493.D
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ALS Vial : 49 Sample Multiplier: 1

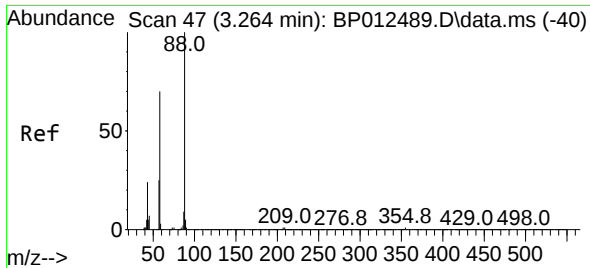
Instrument :
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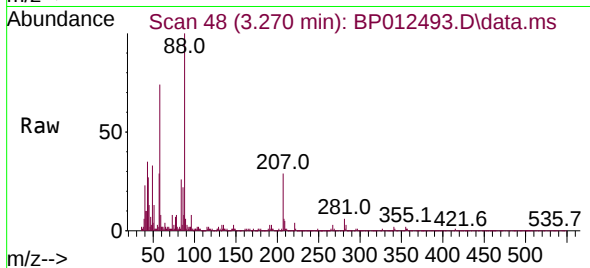
Quant Time: Nov 03 23:05:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 03 00:09:04 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.107 ng/uL
RT: 3.270 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

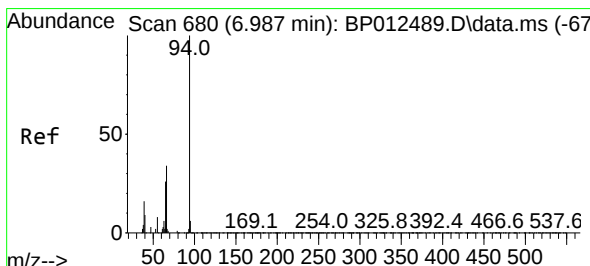
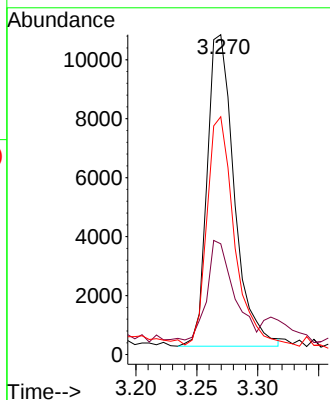
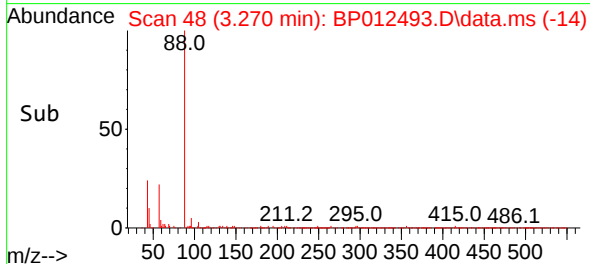
Instrument :
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Tgt Ion: 88 Resp: 16368
Ion Ratio Lower Upper
88 100
43 34.6 20.6 31.0#
58 74.3 58.0 87.0

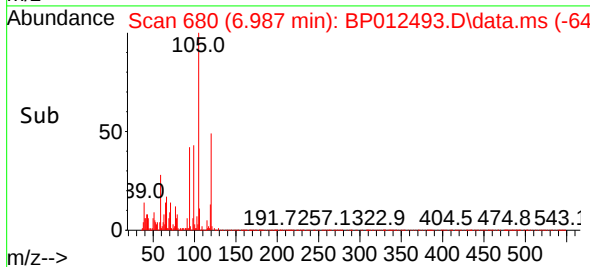
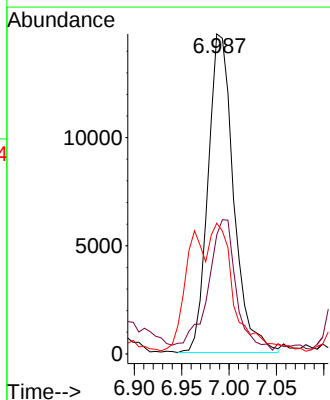
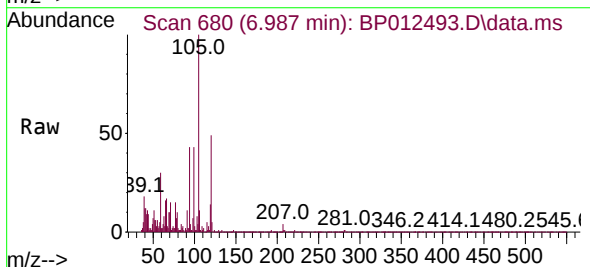
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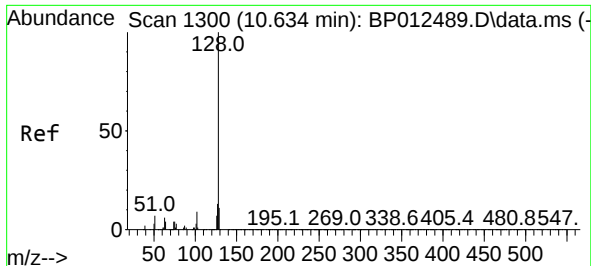
Reviewed By :Yogesh Patel 11/05/2022
Supervised By :mohammad ahmed 11/06/2022



#8
Phenol
Concen: 1.011 ng/uL
RT: 6.987 min Scan# 680
Delta R.T. -0.005 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

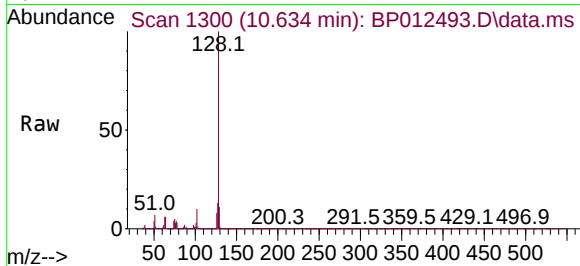
Tgt Ion: 94 Resp: 27726
Ion Ratio Lower Upper
94 100
65 37.2 20.8 31.2#
66 40.8 26.2 39.2#





#30
Naphthalene
Concen: 69.135 ng/ul
RT: 10.634 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

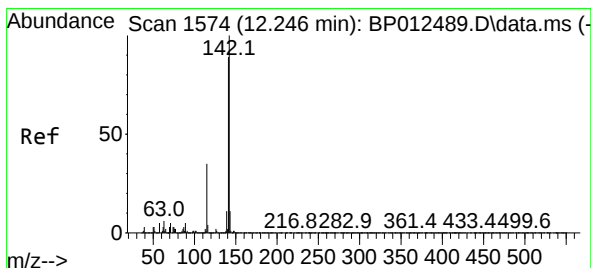
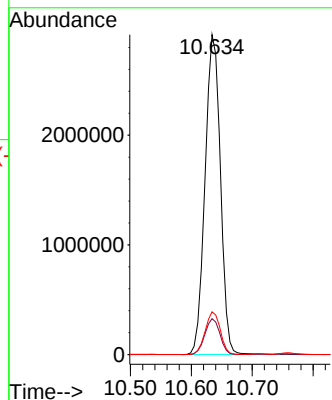
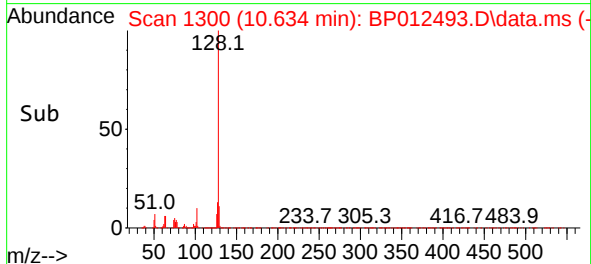
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Tgt Ion:128 Resp: 5110180
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.5 15.7

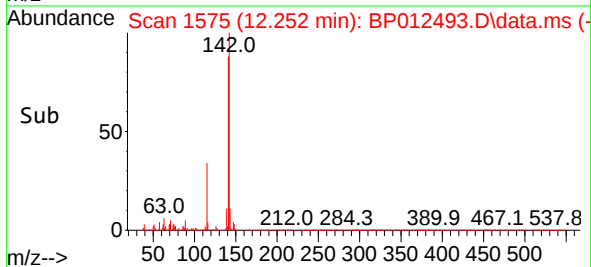
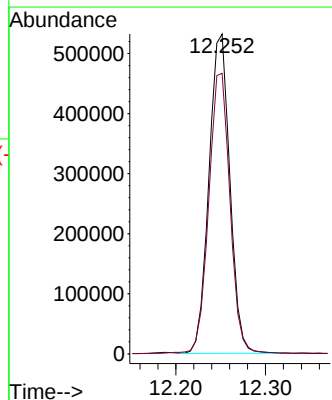
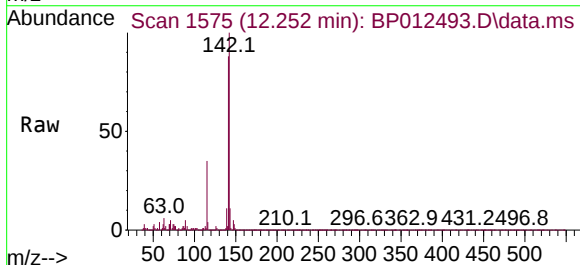
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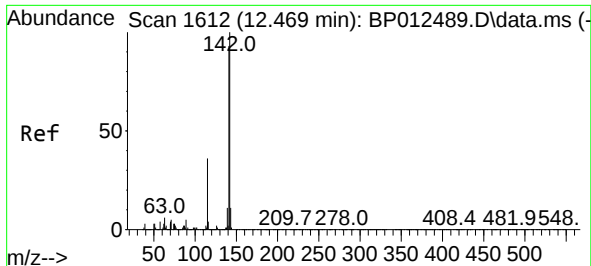
Reviewed By :Yogesh Patel 11/05/2022
Supervised By :mohammad ahmed 11/06/2022



#36
2-Methylnaphthalene
Concen: 17.022 ng/ul
RT: 12.252 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

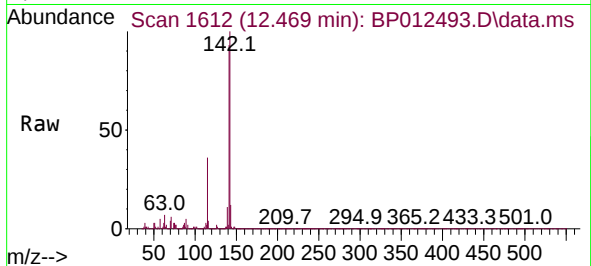
Tgt Ion:142 Resp: 862597
Ion Ratio Lower Upper
142 100
141 87.7 70.6 106.0





#37
1-Methylnaphthalene
Concen: 25.376 ng/ul
RT: 12.469 min Scan# 1612
Delta R.T. -0.005 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

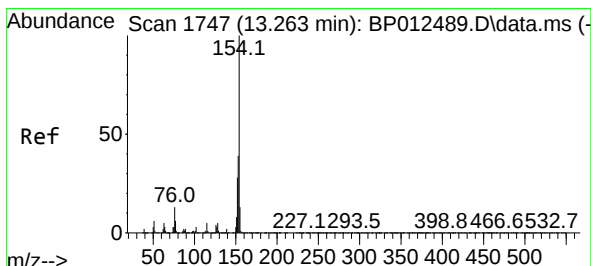
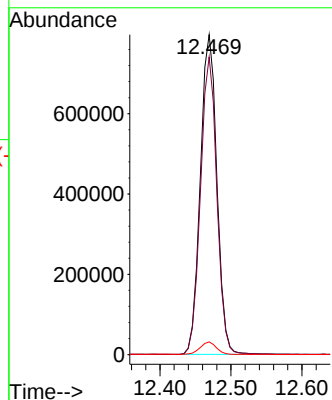
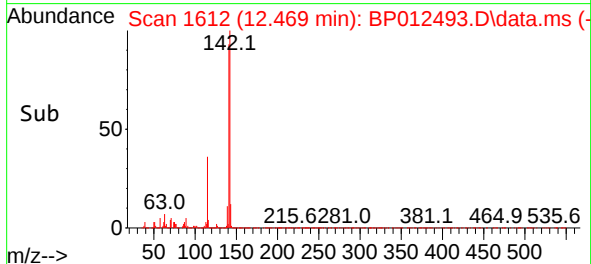
Instrument :
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ClientSampleId :
BHA98



Tgt Ion:142 Resp: 1284214
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7
116 4.0 3.0 4.6

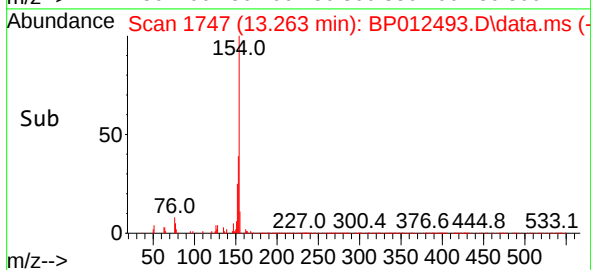
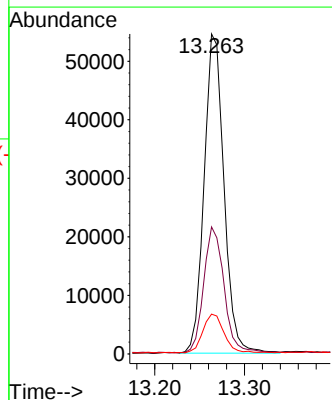
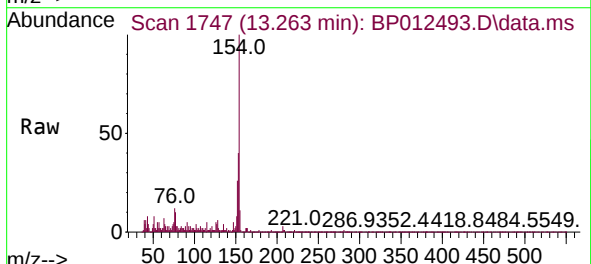
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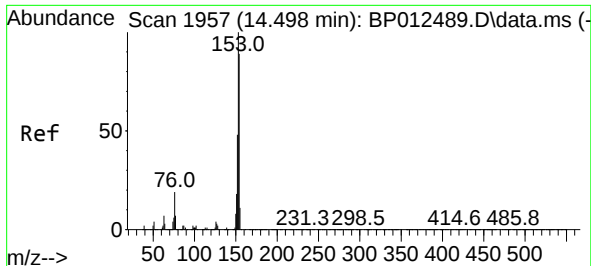
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#43
1,1'-Biphenyl
Concen: 1.232 ng/ul
RT: 13.263 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

Tgt Ion:154 Resp: 83893
Ion Ratio Lower Upper
154 100
153 39.7 31.9 47.9
76 12.4 10.6 16.0





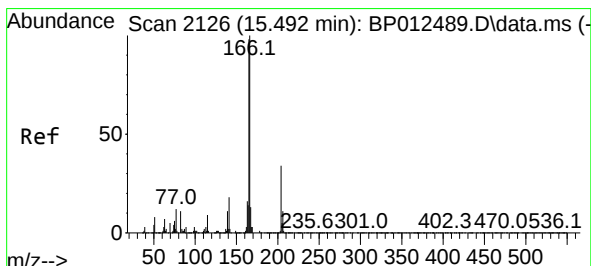
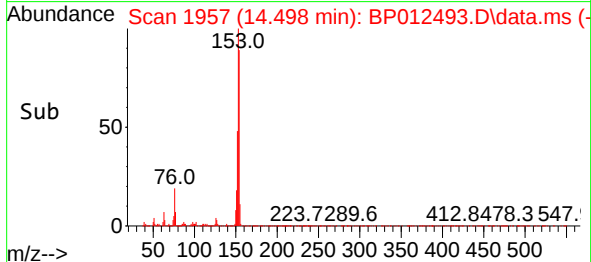
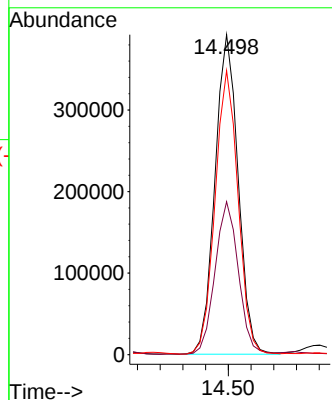
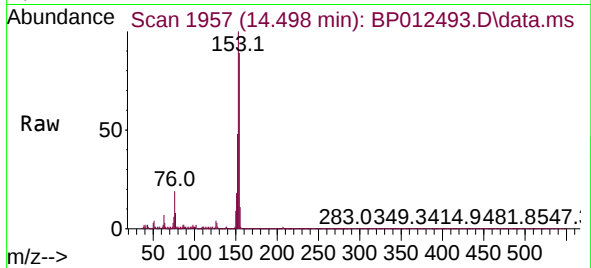
#52
Acenaphthene
Concen: 9.732 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

Instrument :
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Tgt Ion:153 Resp: 555809
Ion Ratio Lower Upper
153 100
152 47.8 38.6 58.0
154 88.8 71.6 107.4

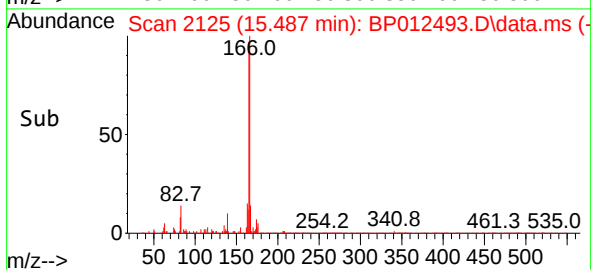
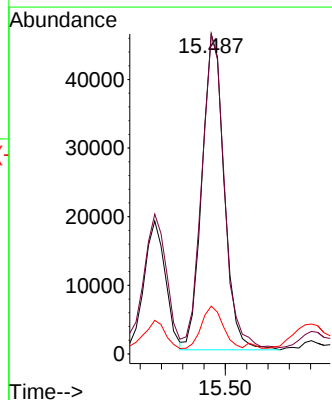
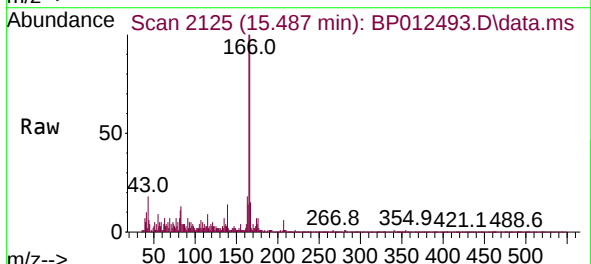
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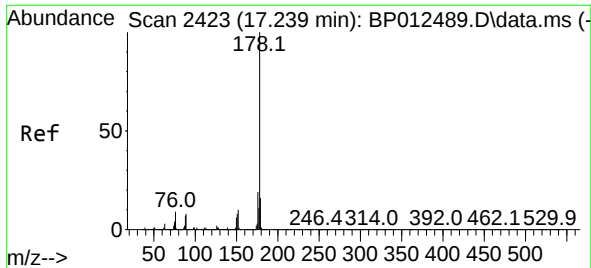
Reviewed By :Yogesh Patel 11/05/2022
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#61
Fluorene
Concen: 1.070 ng/ul
RT: 15.487 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BP012493.D
Acq: 03 Nov 2022 17:13

Tgt Ion:166 Resp: 66268
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.8
167 14.9 10.6 15.8





#72

Phenanthrene

Concen: 1.129 ng/ul

RT: 17.240 min Scan# 24

Delta R.T. -0.005 min

Lab File: BP012493.D

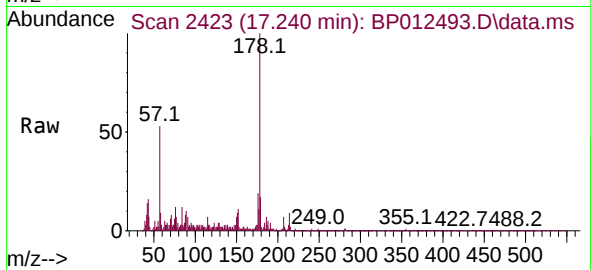
Acq: 03 Nov 2022 17:13

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:178 Resp: 121035

Ion Ratio Lower Upper

178 100

179 17.0 12.6 18.8

176 18.9 15.8 23.6

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