

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021243.D  
 Acq On : 30 Jul 2024 20:42  
 Operator : MA/JU  
 Sample : P3347-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 COAZO

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 30 23:34:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 29 12:46:18 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Dichlorobenzene-d4	7.640	152	149354	20.000	ng/ul	0.00
20) Naphthalene-d8	10.392	136	605815	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	414477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	978977	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1182807	20.000	ng/ul	# 0.00
88) Perylene-d12	24.833	264	1320397	20.000	ng/ul	0.00
<b>System Monitoring Compounds</b>						
3) 1,4-Dioxane-d8	3.163	96	12199	3.717	ng/uL	-0.01
4) Pyridine-d5	3.599	84	73827	7.770	ng/ul	0.00
7) Phenol-d5	6.857	99	118035	9.694	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	176260	23.886	ng/ul	0.00
11) 2-Chlorophenol-d4	7.192	132	237016	23.625	ng/ul	0.01
15) 4-Methylphenol-d8	8.375	113	208923	20.659	ng/ul	0.01
21) Nitrobenzene-d5	8.798	128	127703	27.139	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	147137	27.320	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	265200	27.232	ng/ul	0.01
31) 4-Chloroaniline-d4	10.569	131	287630	22.295	ng/ul	0.01
46) Dimethylphthalate-d6	13.686	166	985304	32.701	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1016070	30.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	34365m	8.016	ng/ul	0.04
60) Fluorene-d10	15.292	176	850586	34.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	177753	30.009	ng/ul	0.00
73) Anthracene-d10	17.198	188	1495615	34.397	ng/ul	0.00
81) Pyrene-d10	19.580	212	2036060	27.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.597	264	2387607	36.664	ng/ul	0.00
<b>Target Compounds</b>						
8) Phenol	6.887	94	52759	4.282	ng/ul	94
30) Naphthalene	10.445	128	4238490	133.008	ng/ul	100
36) 2-Methylnaphthalene	12.069	142	307958	14.079	ng/ul	99
37) 1-Methylnaphthalene	12.286	142	237181	10.543	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	64689	2.136	ng/ul	97
52) Acenaphthene	14.339	153	284257	11.181	ng/ul	98
56) Dibenzofuran	14.692	168	233950	6.720	ng/ul	98
61) Fluorene	15.351	166	207819	7.315	ng/ul	99
72) Phenanthrene	17.133	178	453628	8.932	ng/ul	99
74) Anthracene	17.233	178	88136	1.702	ng/ul	99
77) Carbazole	17.527	167	532562	12.583	ng/ul	99
80) Fluoranthene	19.233	202	350983	3.974	ng/ul	96
82) Pyrene	19.615	202	239734	2.668	ng/ul#	94
85) Benzo(a)anthracene	21.521	228	134916	1.628	ng/ul	98
87) Chrysene	21.586	228	232077	3.014	ng/ul	98
90) Benzo(b)fluoranthene	23.797	252	156260	1.950	ng/ul	97
93) Benzo(a)pyrene	24.680	252	96501	1.274	ng/ul	97

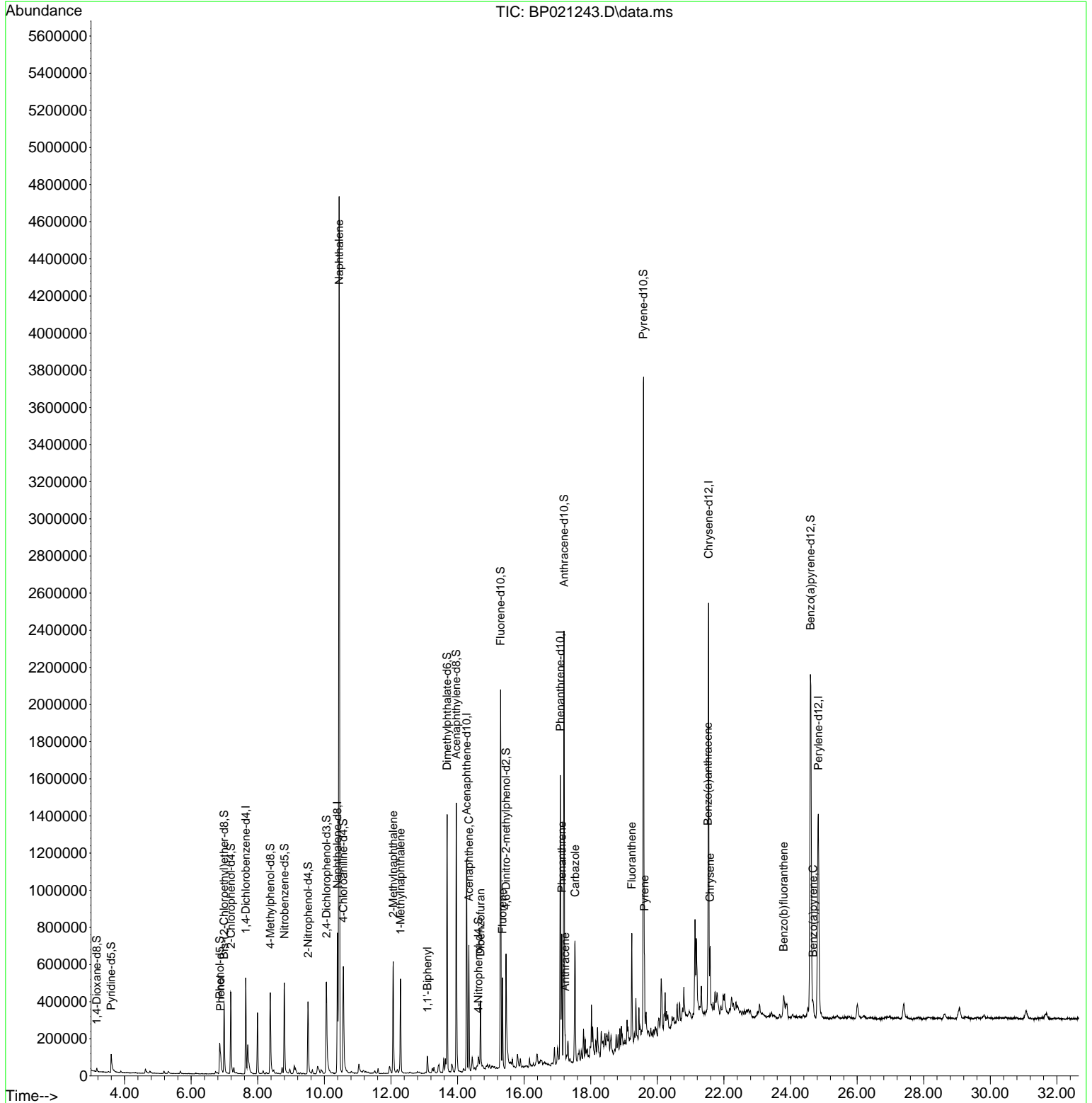
(#) = qualifier out of range (m) = manual integration (+) = signals summed

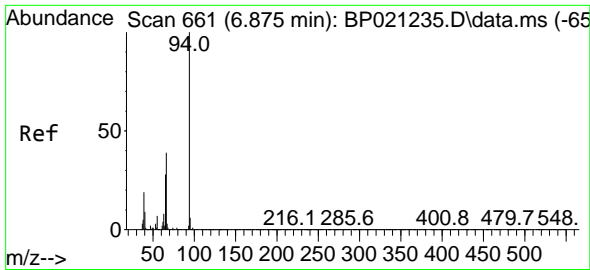
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 Data File : BP021243.D  
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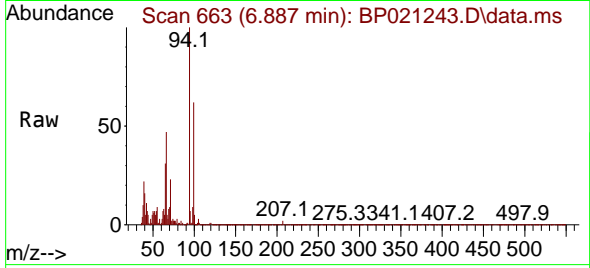
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024





#8  
 Phenol  
 Concen: 4.282 ng/u1  
 RT: 6.887 min Scan# 60  
 Delta R.T. 0.012 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

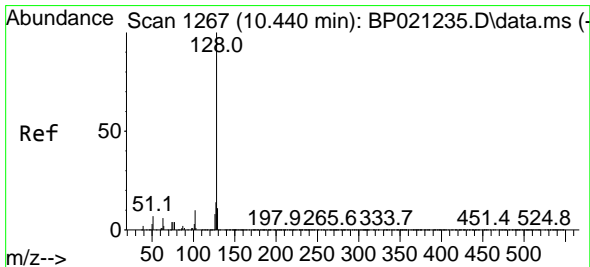
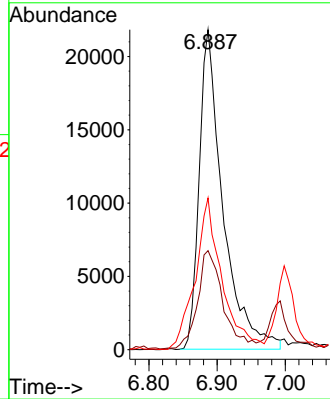
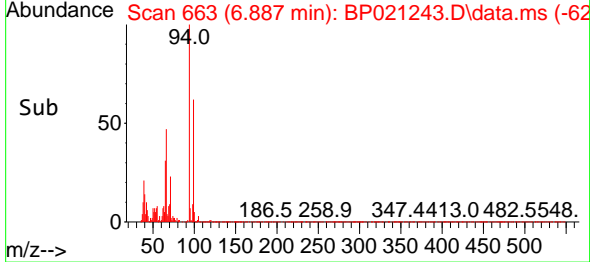
Instrument :  
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 ClientSampleId :  
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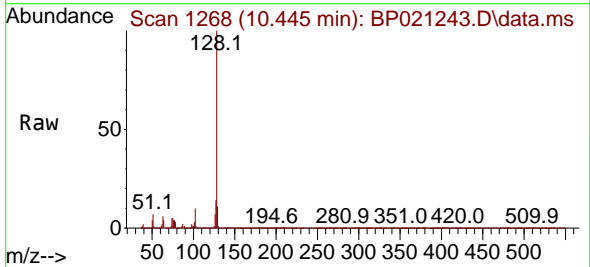
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 Ion Ratio Lower Upper  
 94 100  
 65 31.0 23.4 35.0  
 66 47.4 33.9 50.9

Manual Integrations  
 APPROVED

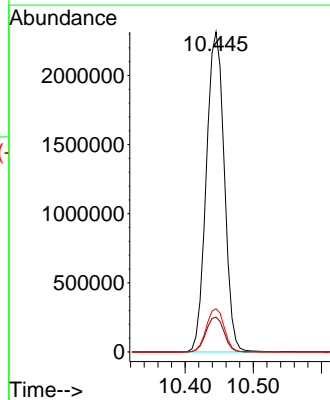
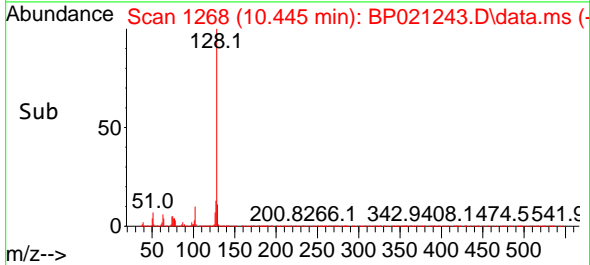
Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024

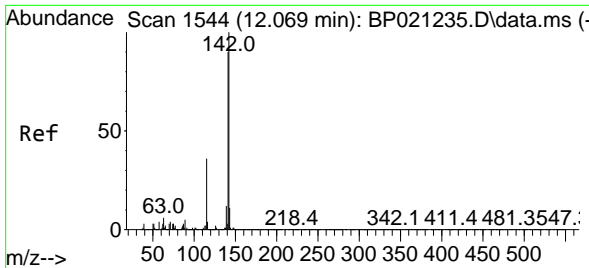


#30  
 Naphthalene  
 Concen: 133.008 ng/u1  
 RT: 10.445 min Scan# 1268  
 Delta R.T. 0.006 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



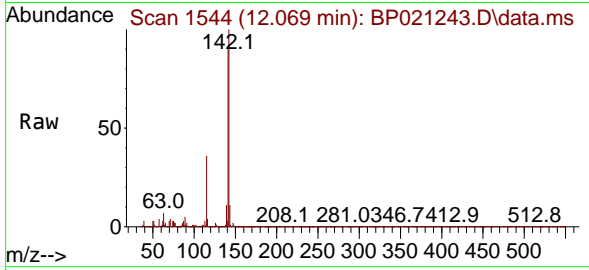
Tgt Ion:128 Resp: 4238490  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.6 13.0  
 127 13.5 10.8 16.2





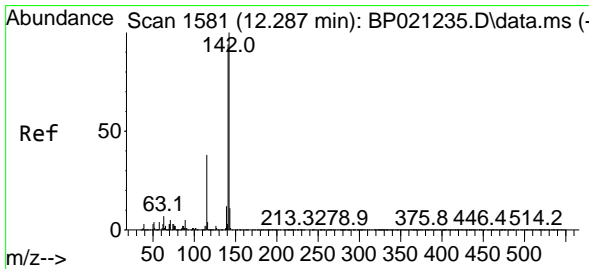
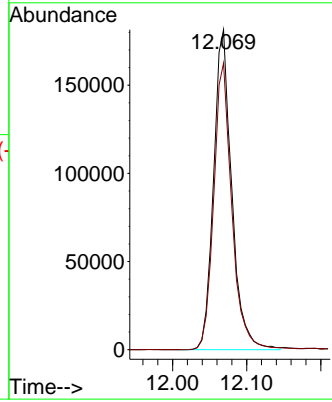
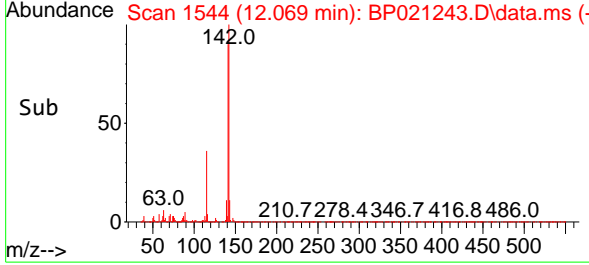
#36  
 2-Methylnaphthalene  
 Concen: 14.079 ng/ul  
 RT: 12.069 min Scan# 1544  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

Instrument : BNA\_P  
 ClientSampleId : COAZO

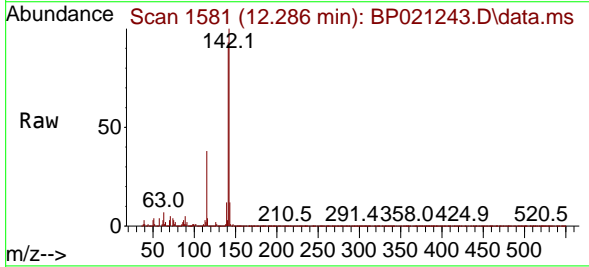


Tgt Ion:142 Resp: 307958  
 Ion Ratio Lower Upper  
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 141 89.5 72.6 108.8

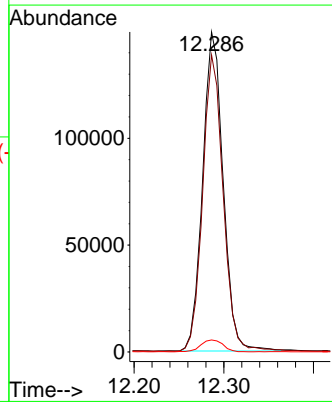
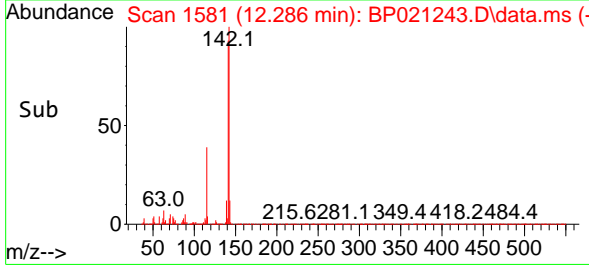
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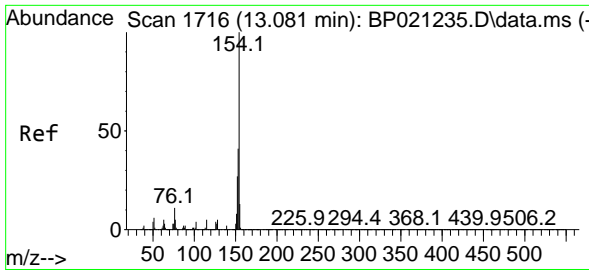


#37  
 1-Methylnaphthalene  
 Concen: 10.543 ng/ul  
 RT: 12.286 min Scan# 1581  
 Delta R.T. -0.006 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



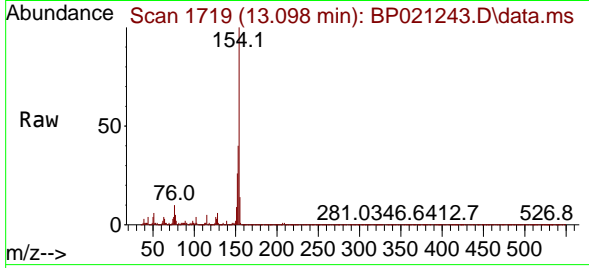
Tgt Ion:142 Resp: 237181  
 Ion Ratio Lower Upper  
 142 100  
 141 92.8 75.0 112.6  
 116 3.8 3.2 4.8





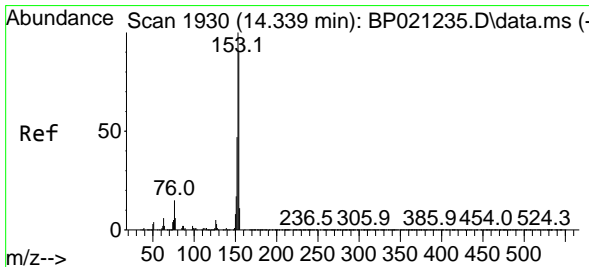
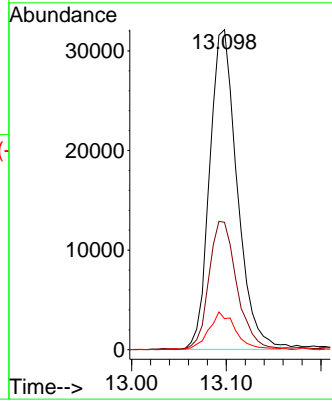
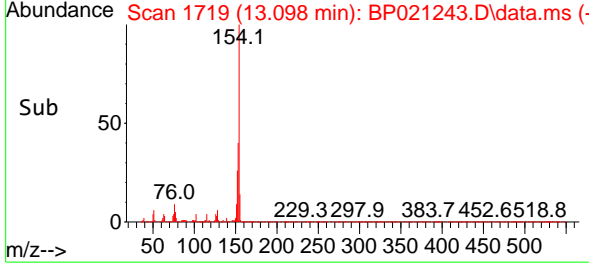
#43  
 1,1'-Biphenyl  
 Concen: 2.136 ng/uI  
 RT: 13.098 min Scan# 1719  
 Delta R.T. 0.012 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

Instrument : BNA\_P  
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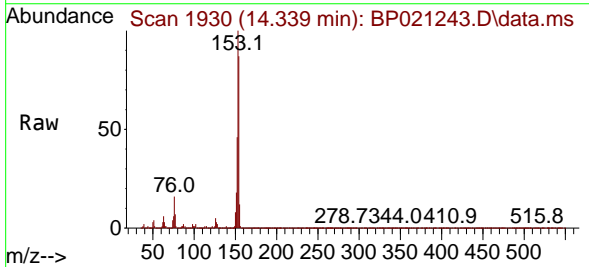


Tgt Ion:154 Resp: 64689  
 Ion Ratio Lower Upper  
 154 100  
 153 39.8 32.7 49.1  
 76 9.7 9.4 14.2

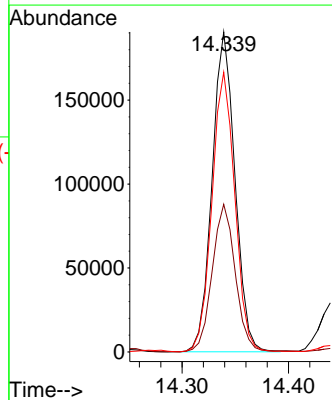
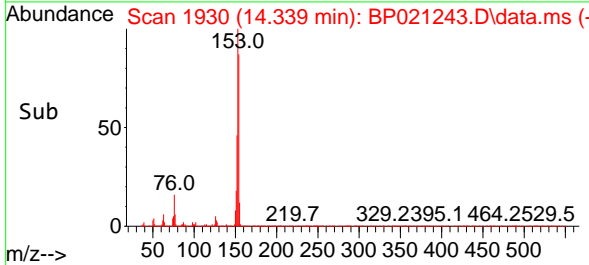
Manual Integrations  
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 Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024

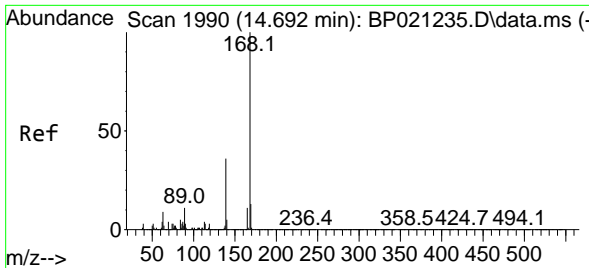


#52  
 Acenaphthene  
 Concen: 11.181 ng/uI  
 RT: 14.339 min Scan# 1930  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



Tgt Ion:153 Resp: 284257  
 Ion Ratio Lower Upper  
 153 100  
 152 46.2 37.8 56.6  
 154 87.4 71.8 107.6





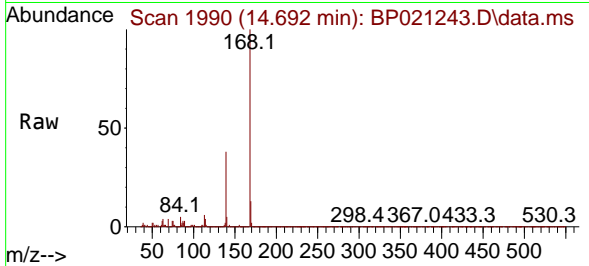
#56  
 Dibenzofuran  
 Concen: 6.720 ng/u1  
 RT: 14.692 min Scan# 1990  
 Delta R.T. 0.006 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

Instrument :

BNA\_P

ClientSampleId :

COAZO



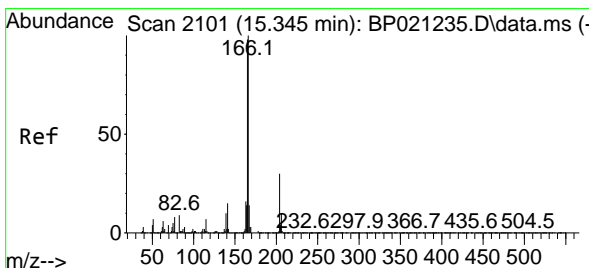
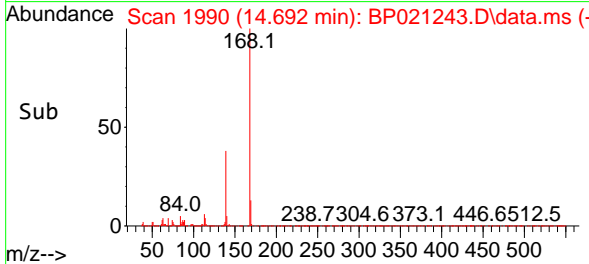
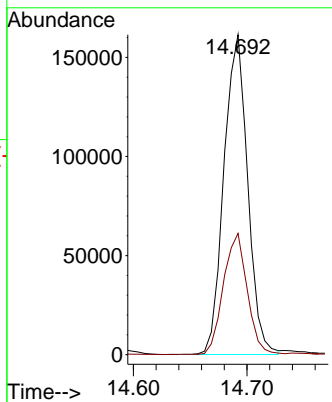
Tgt Ion:168 Resp: 233950  
 Ion Ratio Lower Upper  
 168 100  
 139 37.9 31.1 46.7

Manual Integrations

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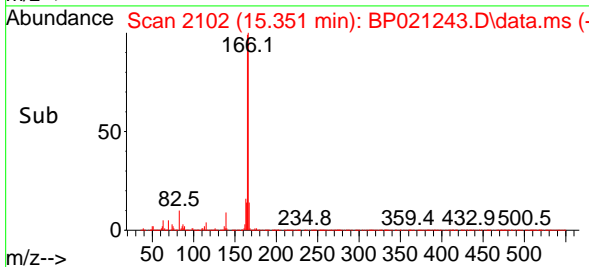
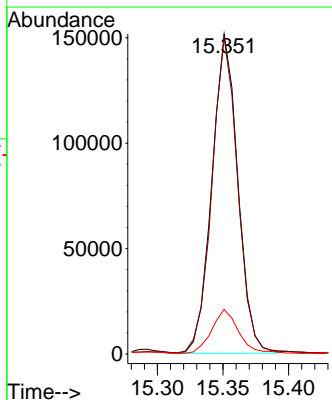
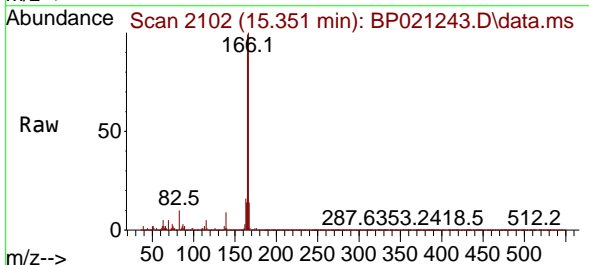
Reviewed By :Yogesh Patel 07/31/2024

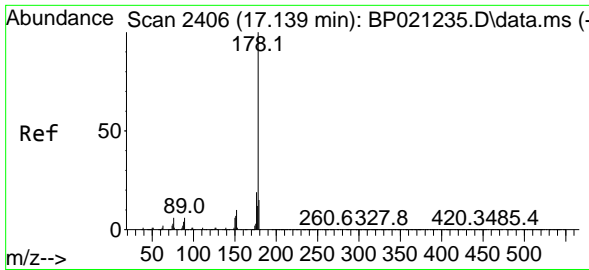
Supervised By :mohammad ahmed 09/04/2024



#61  
 Fluorene  
 Concen: 7.315 ng/u1  
 RT: 15.351 min Scan# 2102  
 Delta R.T. 0.006 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

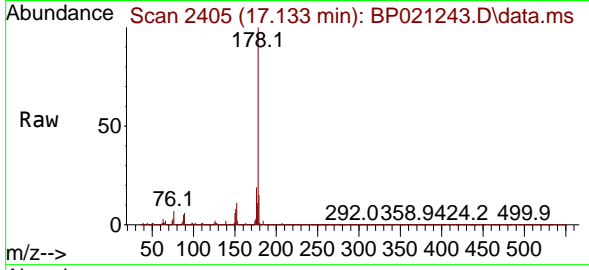
Tgt Ion:166 Resp: 207819  
 Ion Ratio Lower Upper  
 166 100  
 165 98.8 78.1 117.1  
 167 13.9 10.9 16.3





#72  
 Phenanthrene  
 Concen: 8.932 ng/u1  
 RT: 17.133 min Scan# 2405  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

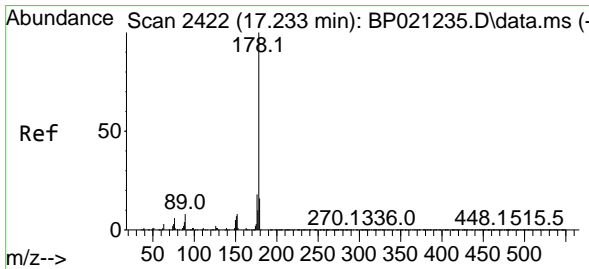
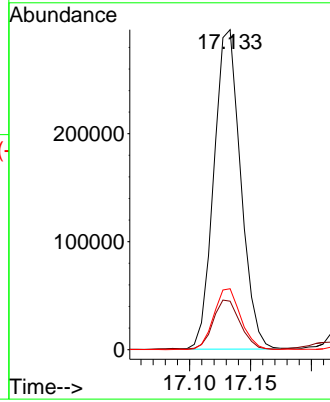
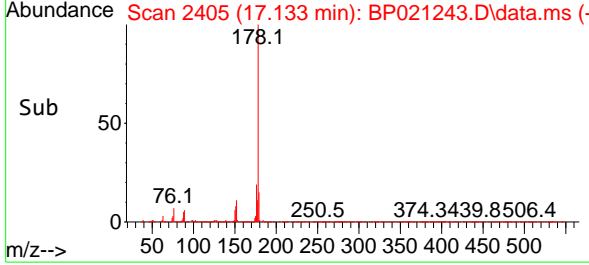
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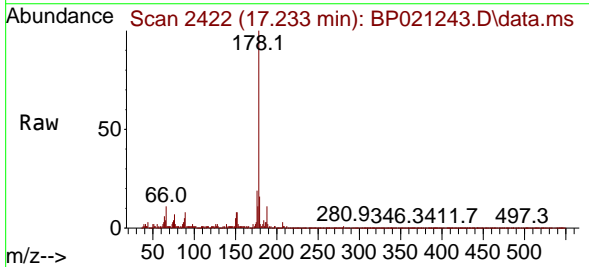
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 Ion Ratio Lower Upper  
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 179 15.2 12.2 18.4  
 176 19.1 15.0 22.4

Manual Integrations  
 APPROVED

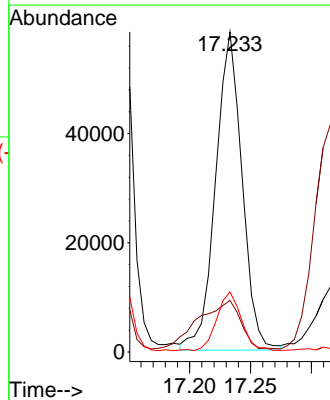
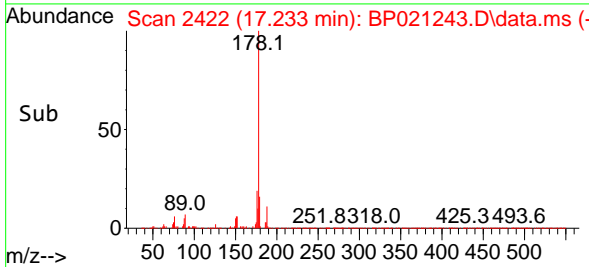
Reviewed By :Yogesh Patel 07/31/2024  
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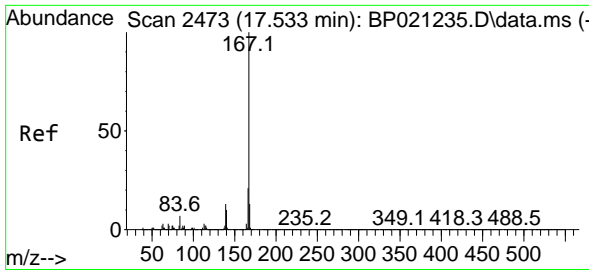


#74  
 Anthracene  
 Concen: 1.702 ng/u1  
 RT: 17.233 min Scan# 2422  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



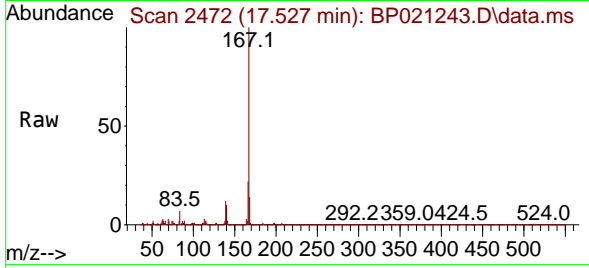
Tgt Ion:178 Resp: 88136  
 Ion Ratio Lower Upper  
 178 100  
 179 16.1 12.5 18.7  
 176 18.8 14.8 22.2





#77  
 Carbazole  
 Concen: 12.583 ng/u1  
 RT: 17.527 min Scan# 2472  
 Delta R.T. 0.006 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

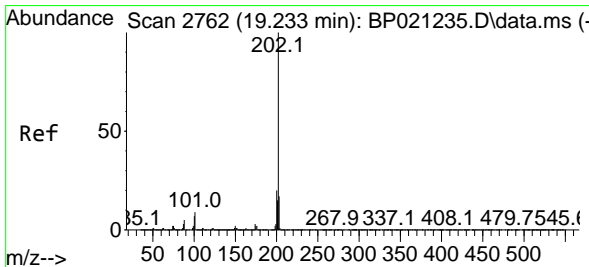
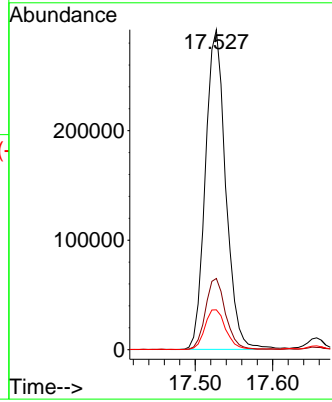
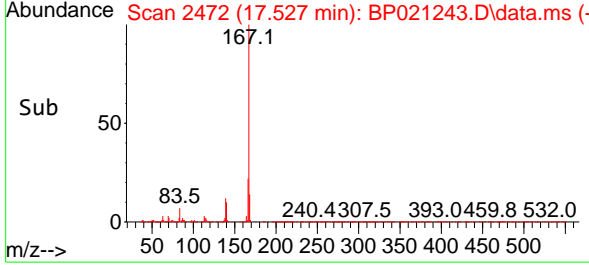
Instrument :  
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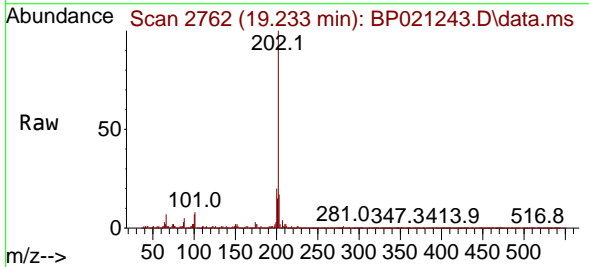
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 139 12.5 10.2 15.2

Manual Integrations  
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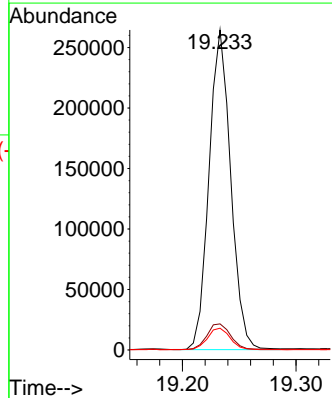
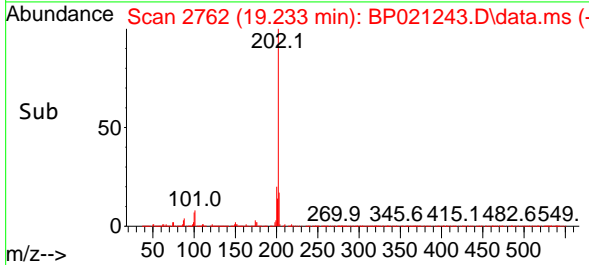
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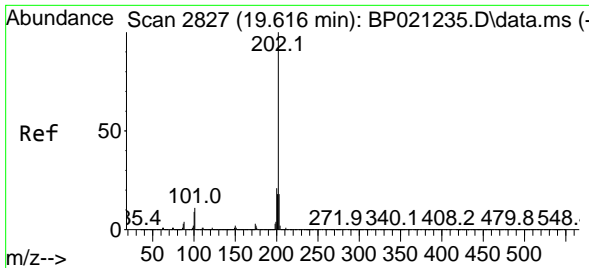
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 Fluoranthene  
 Concen: 3.974 ng/u1  
 RT: 19.233 min Scan# 2762  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



Tgt Ion:202 Resp: 350983  
 Ion Ratio Lower Upper  
 202 100  
 101 8.1 8.0 12.0  
 100 6.8 6.1 9.1

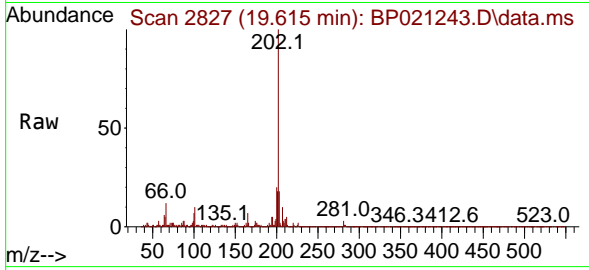






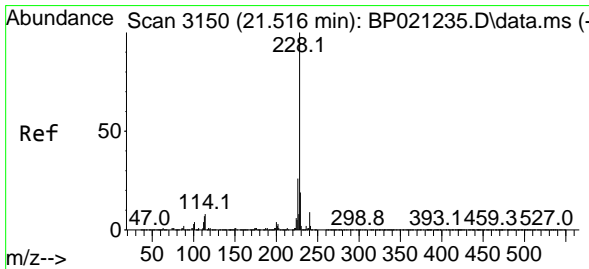
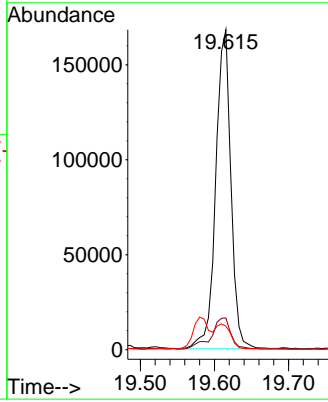
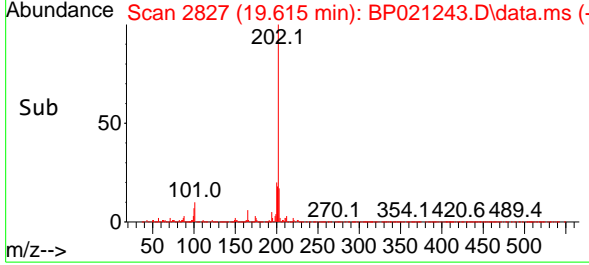
#82  
 Pyrene  
 Concen: 2.668 ng/u1  
 RT: 19.615 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

Instrument : BNA\_P  
 Client Sample Id : COAZO

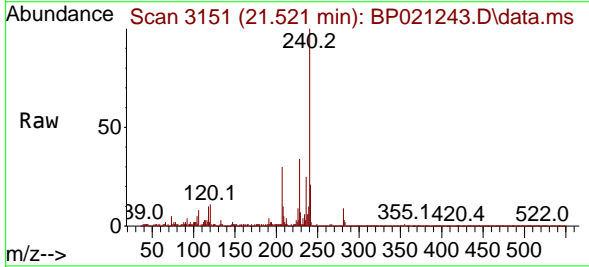


Tgt Ion: 202 Resp: 239734  
 Ion Ratio Lower Upper  
 202 100  
 101 9.9 9.4 14.2  
 100 7.4 7.8 11.6

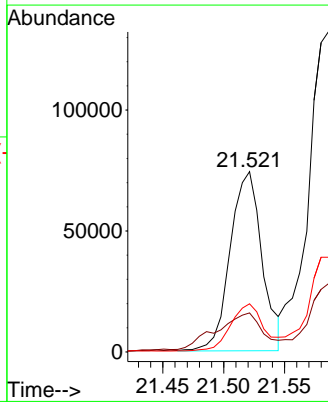
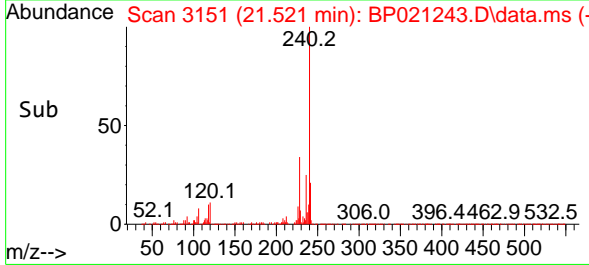
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024

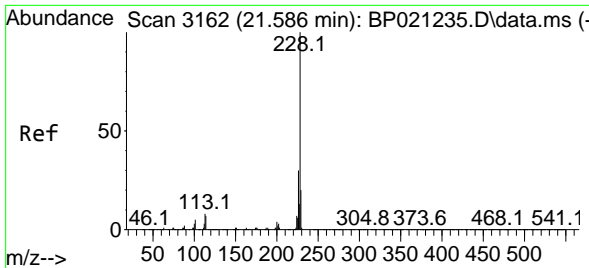


#85  
 Benzo(a)anthracene  
 Concen: 1.628 ng/u1  
 RT: 21.521 min Scan# 3151  
 Delta R.T. 0.012 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



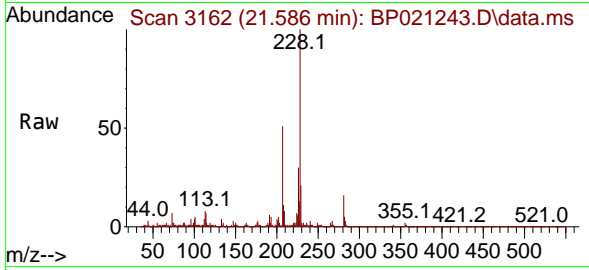
Tgt Ion: 228 Resp: 134916  
 Ion Ratio Lower Upper  
 228 100  
 229 21.6 15.5 23.3  
 226 26.7 21.4 32.2





#87  
 Chrysene  
 Concen: 3.014 ng/u1  
 RT: 21.586 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

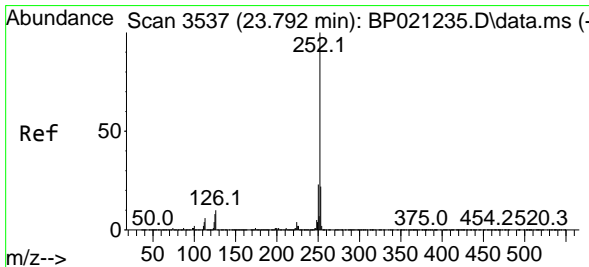
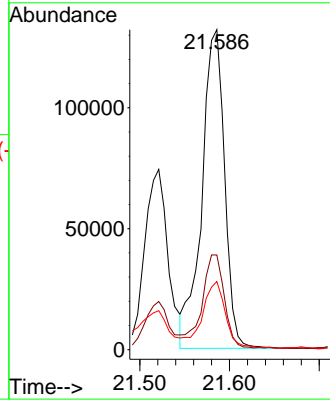
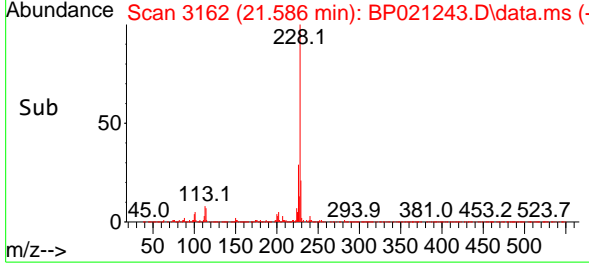
Instrument : BNA\_P  
 ClientSampleId : COAZO



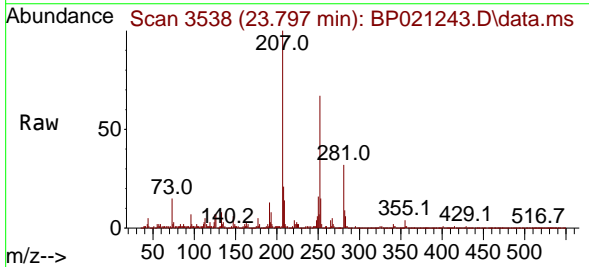
Tgt Ion:228 Resp: 23207  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 23.6 35.4  
 229 21.3 15.5 23.3

Manual Integrations  
 APPROVED

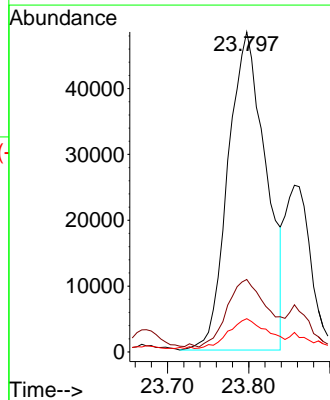
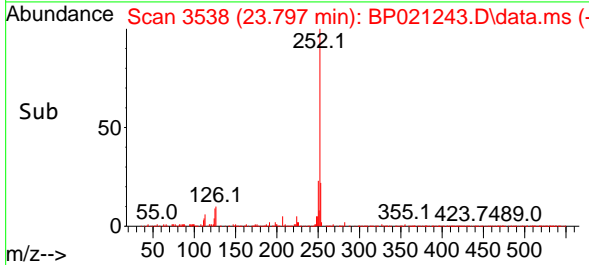
Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024

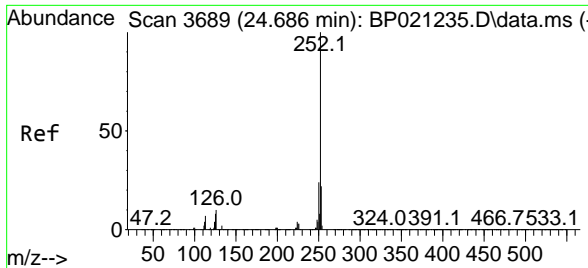


#90  
 Benzo(b)fluoranthene  
 Concen: 1.950 ng/u1  
 RT: 23.797 min Scan# 3538  
 Delta R.T. 0.012 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42



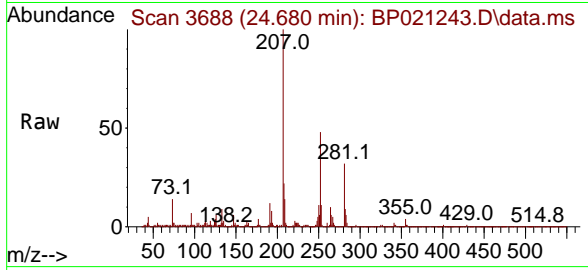
Tgt Ion:252 Resp: 156260  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 17.1 25.7  
 125 10.4 7.0 10.4





#93  
 Benzo(a)pyrene  
 Concen: 1.274 ng/ul  
 RT: 24.680 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BP021243.D  
 Acq: 30 Jul 2024 20:42

Instrument :  
 BNA\_P  
 Client Sample Id :  
 COAZO



Tgt Ion: 252 Resp: 9650

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	8.9	7.7	11.5

Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 09/04/2024

