

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136425.D
 Acq On : 06 Dec 2023 13:29
 Operator : CG\JU
 Sample : 05420-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12018

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 13:51:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	105743	20.000	ng	-0.01	
21) Naphthalene-d8	8.069	136	408574	20.000	ng	-0.01	
39) Acenaphthene-d10	9.828	164	194855	20.000	ng	-0.01	
64) Phenanthrene-d10	11.316	188	304790	20.000	ng	-0.01	
76) Chrysene-d12	13.969	240	184620	20.000	ng	-0.01	
86) Perylene-d12	15.445	264	232619	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	545864	76.236	ng	0.00	
7) Phenol-d6	6.428	99	698244	78.161	ng	-0.02	
23) Nitrobenzene-d5	7.357	82	441660	58.438	ng	-0.01	
42) 2,4,6-Tribromophenol	10.616	330	138070	57.467	ng	-0.02	
45) 2-Fluorobiphenyl	9.151	172	742295	51.980	ng	-0.01	
79) Terphenyl-d14	12.916	244	496621	35.455	ng	0.00	
Target Compounds							
71) Phenanthrene	11.339	178	56894	3.396	ng		Qvalue 96
75) Fluoranthene	12.533	202	87917	5.008	ng		96
78) Pyrene	12.763	202	69538	3.846	ng		96
81) Benzo(a)anthracene	13.957	228	42223	3.283	ng		97
83) Chrysene	13.992	228	39674	3.136	ng		94
84) Bis(2-ethylhexyl)phtha...	13.963	149	141361	17.915	ng	#	99
88) Benzo(b)fluoranthene	15.016	252	51551m	3.241	ng		
90) Benzo(a)pyrene	15.380	252	36495	2.778	ng		97

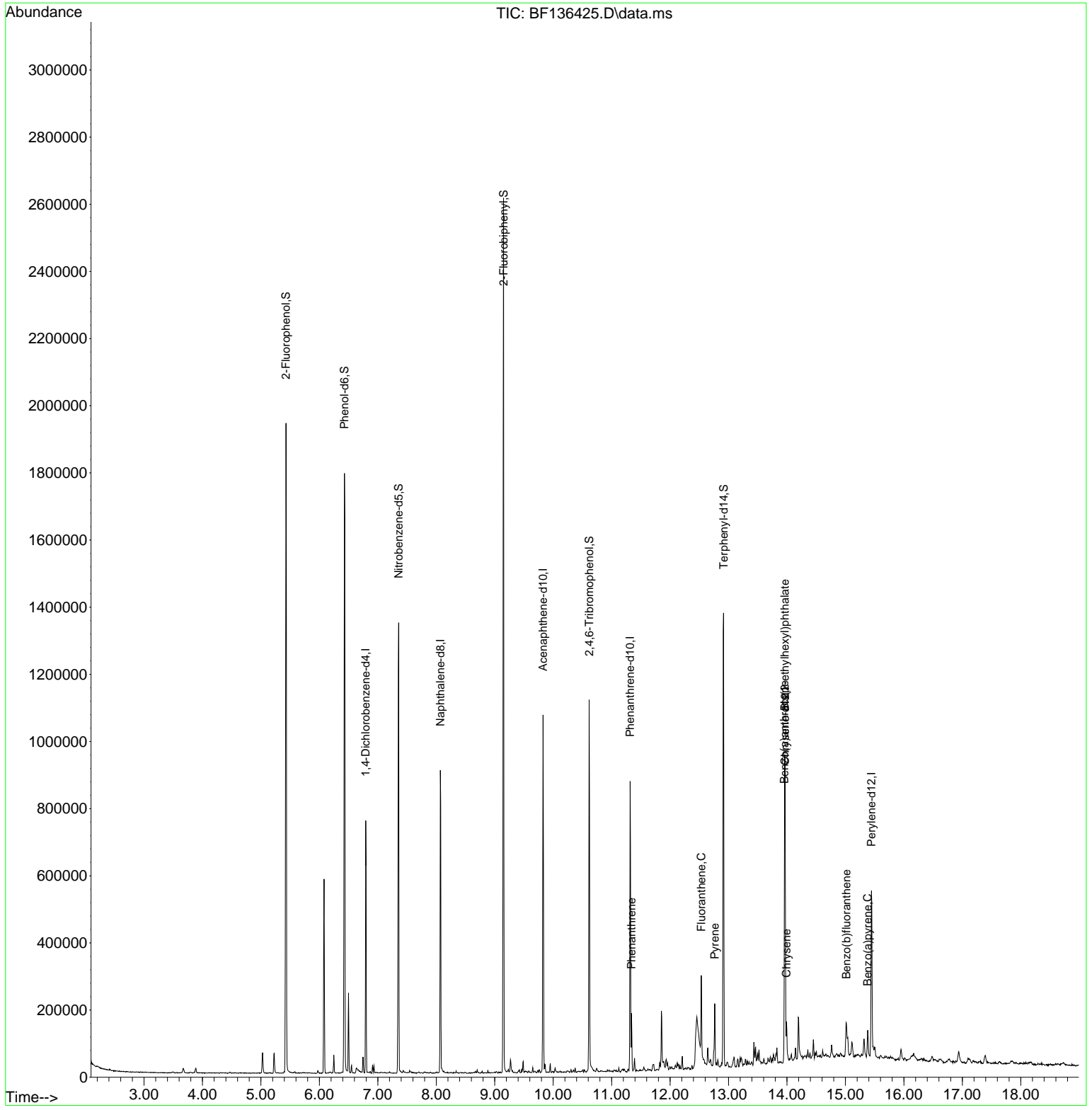
(#) = qualifier out of range (m) = manual integration (+) = signals summed

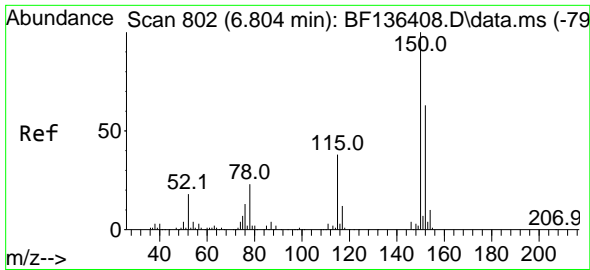
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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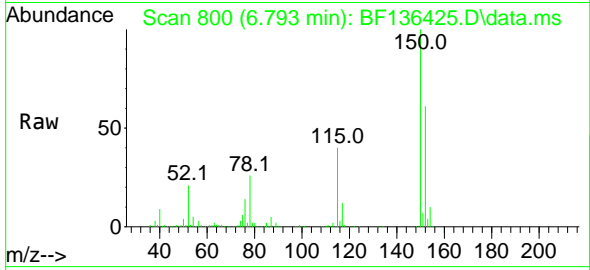
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 802
 Delta R.T. -0.011 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument :

BNA_F

ClientSampleId :

72-12018



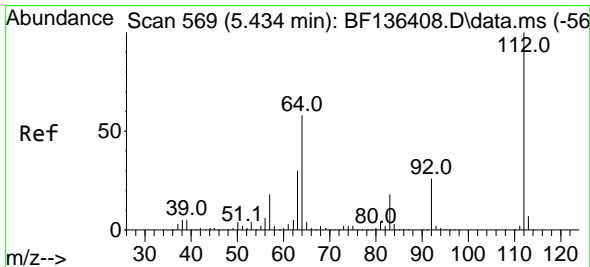
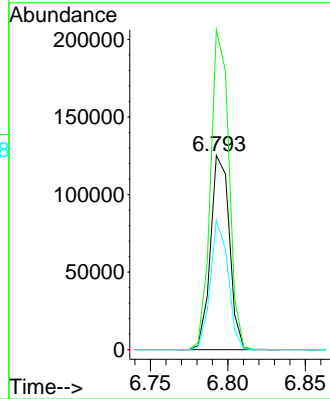
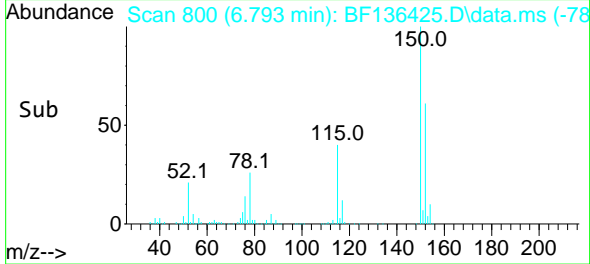
Tgt Ion:152 Resp: 10574
 Ion Ratio Lower Upper
 152 100
 150 164.8 126.4 189.6
 115 66.6 48.2 72.4

Manual Integrations

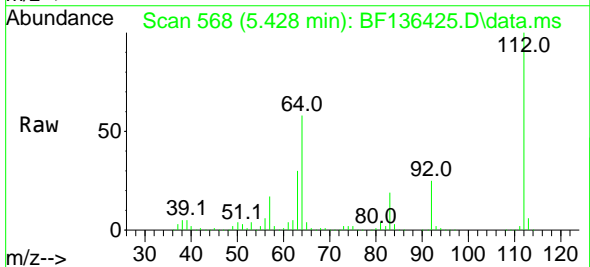
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Reviewed By :Yogesh Patel 12/07/2023

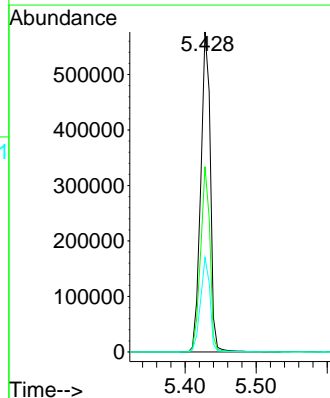
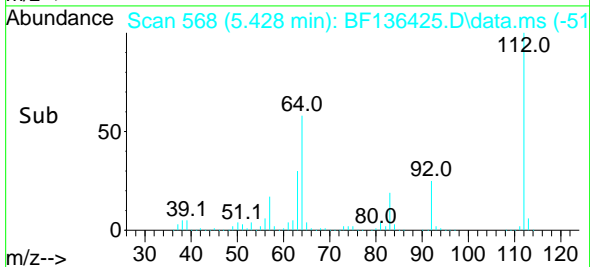
Supervised By :mohammad ahmed 12/07/2023

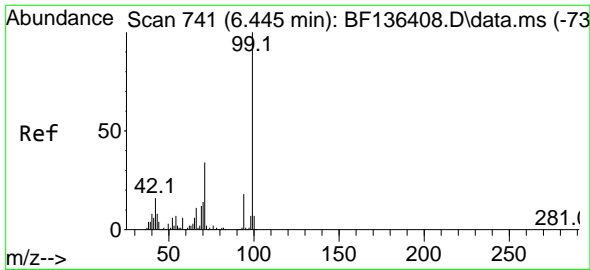


#5
 2-Fluorophenol
 Concen: 76.236 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



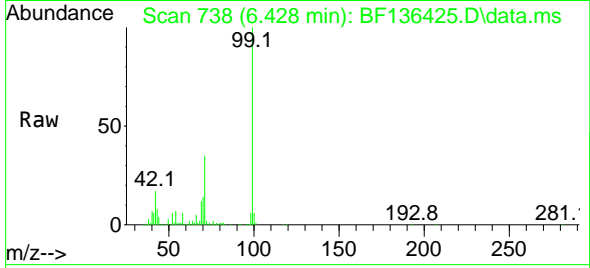
Tgt Ion:112 Resp: 545864
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.5 69.7
 63 29.5 23.9 35.9





#7
 Phenol-d6
 Concen: 78.161 ng
 RT: 6.428 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

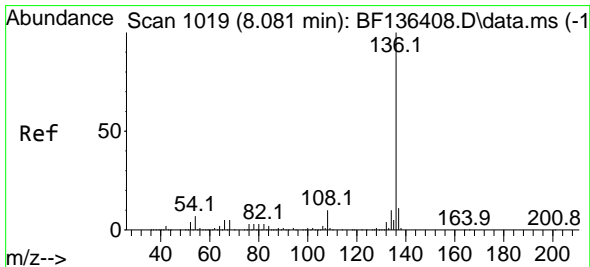
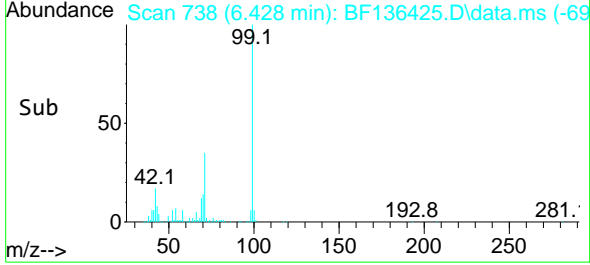
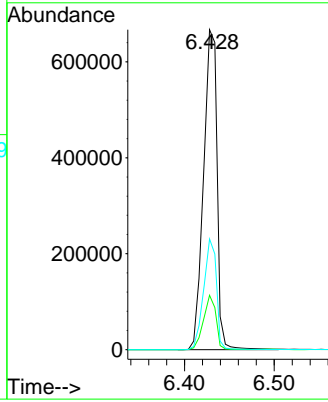
Instrument : BNA_F
 Client Sample Id : 72-12018



Tgt Ion: 99 Resp: 698244
 Ion Ratio Lower Upper
 99 100
 42 17.0 12.8 19.2
 71 34.6 27.0 40.4

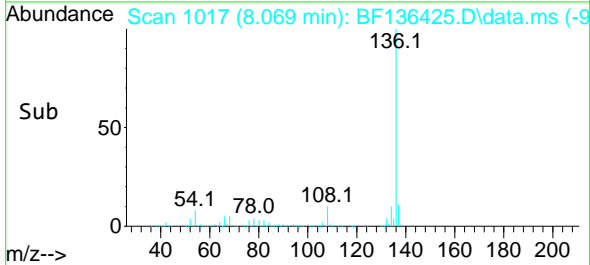
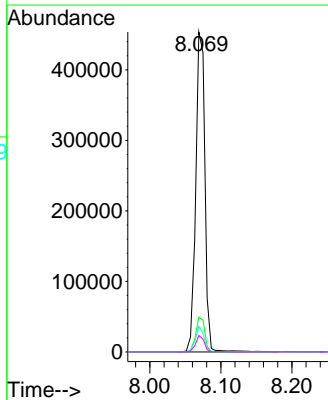
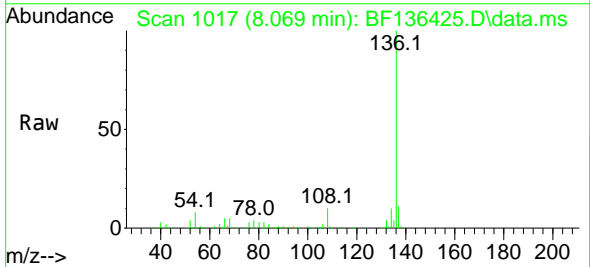
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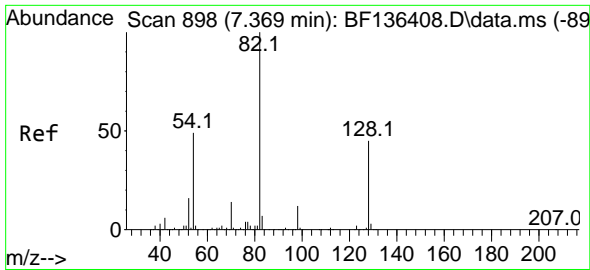
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.069 min Scan# 1017
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Tgt Ion:136 Resp: 408574
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.6 12.8
 54 8.0 5.7 8.5
 68 5.2 4.0 6.0





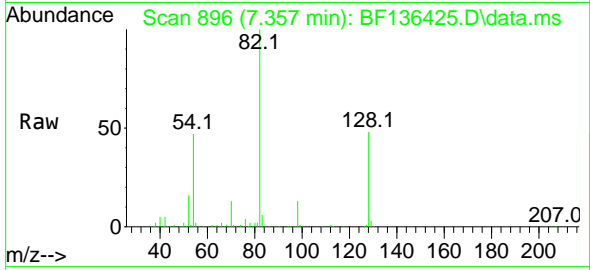
#23
 Nitrobenzene-d5
 Concen: 58.438 ng
 RT: 7.357 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument :

BNA_F

Client Sample Id :

72-12018



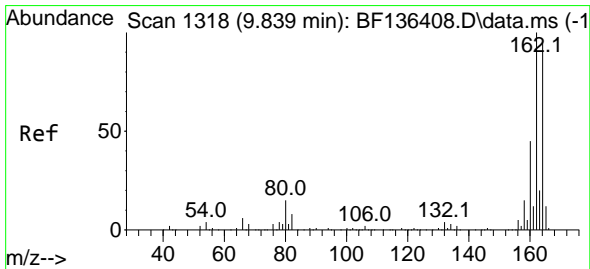
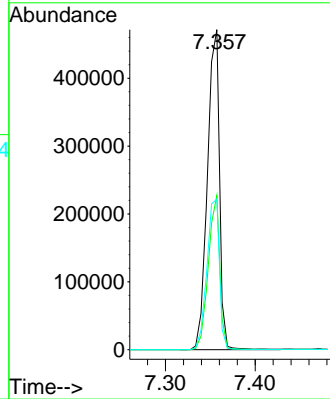
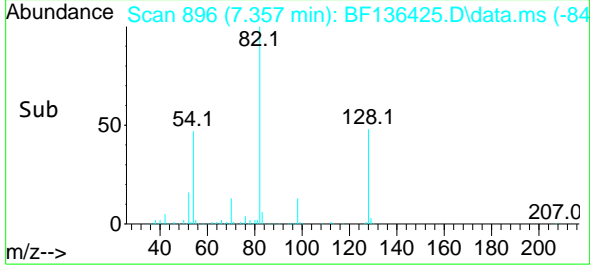
Tgt Ion: 82 Resp: 441660
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.3 54.5
 54 47.0 39.0 58.6

Manual Integrations

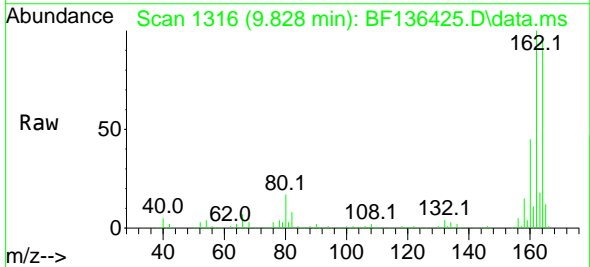
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Reviewed By :Yogesh Patel 12/07/2023

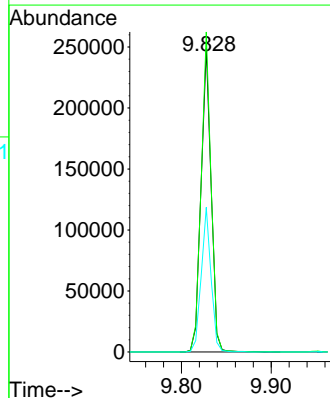
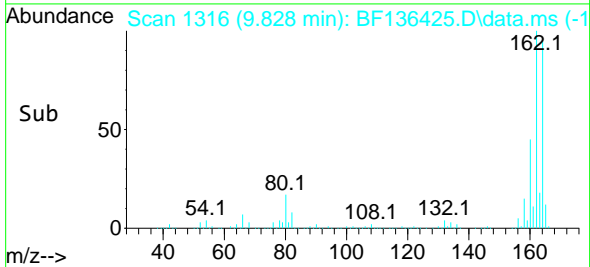
Supervised By :mohammad ahmed 12/07/2023

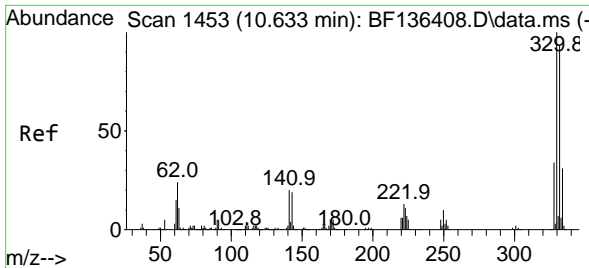


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.828 min Scan# 1316
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



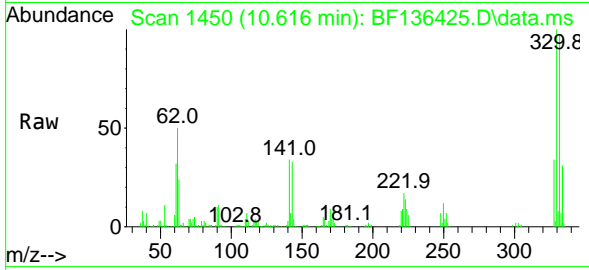
Tgt Ion:164 Resp: 194855
 Ion Ratio Lower Upper
 164 100
 162 105.5 84.4 126.6
 160 47.6 37.6 56.4





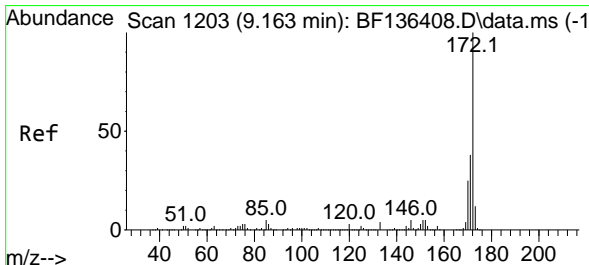
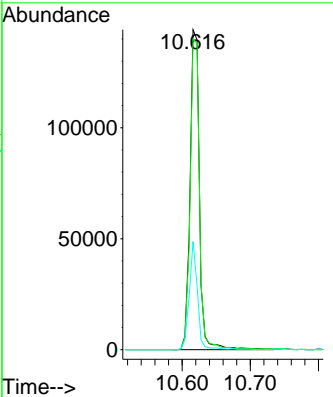
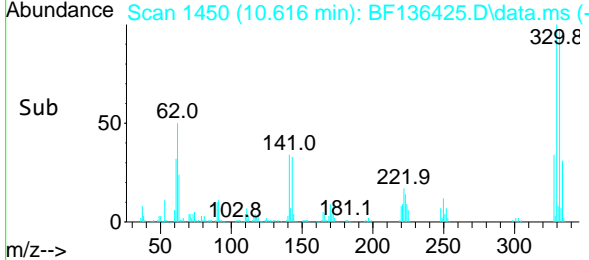
#42
 2,4,6-Tribromophenol
 Concen: 57.467 ng
 RT: 10.616 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument : BNA_F
 ClientSampleId : 72-12018

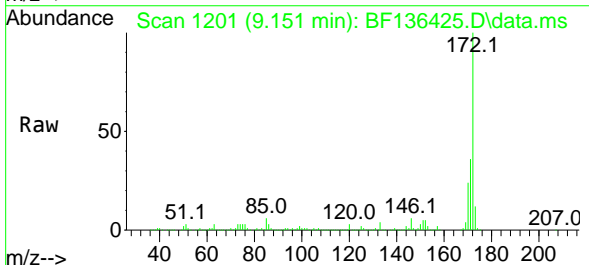


Tgt Ion: 330 Resp: 138070
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.4 114.6
 141 29.7 23.4 35.2

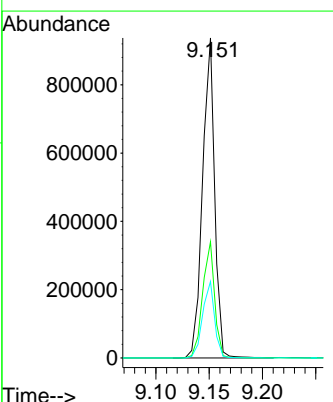
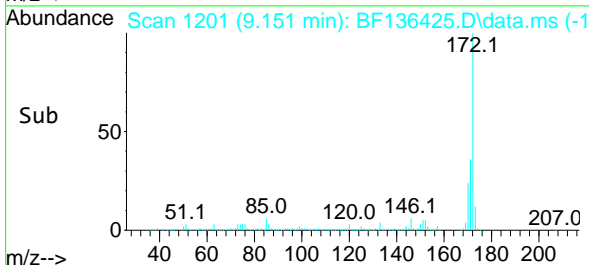
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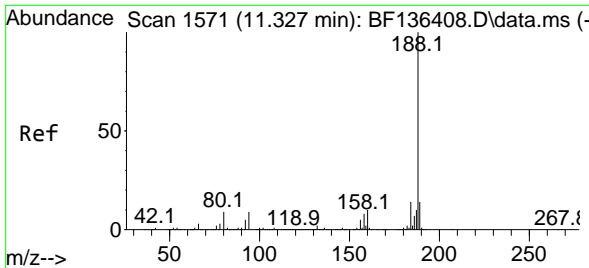


#45
 2-Fluorobiphenyl
 Concen: 51.980 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



Tgt Ion: 172 Resp: 742295
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.5 45.7
 170 23.9 19.9 29.9





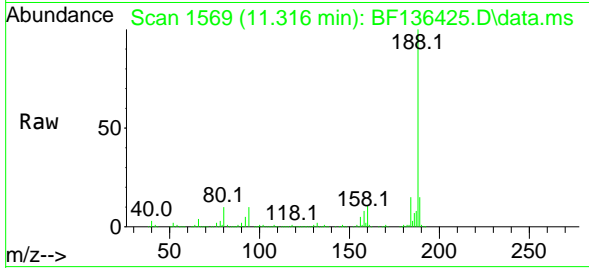
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument :

BNA_F

Client Sample Id :

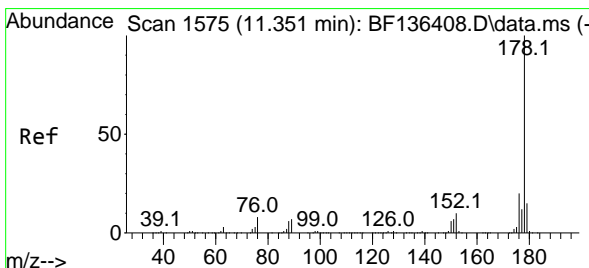
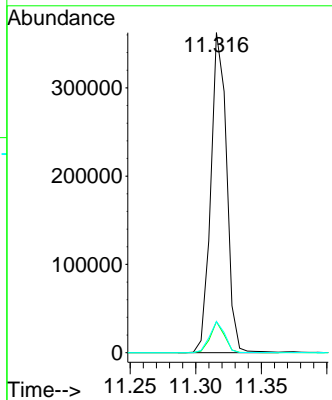
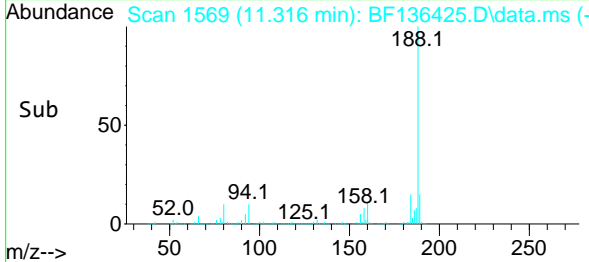
72-12018



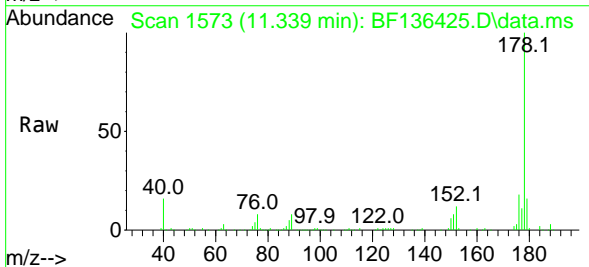
Tgt Ion:188 Resp: 304790
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.2 10.8
 80 9.7 7.2 10.8

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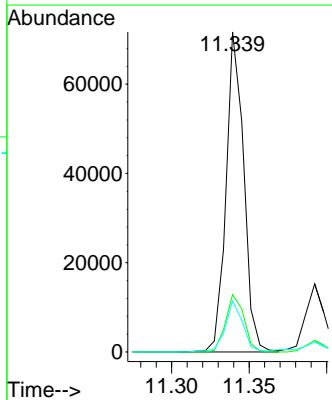
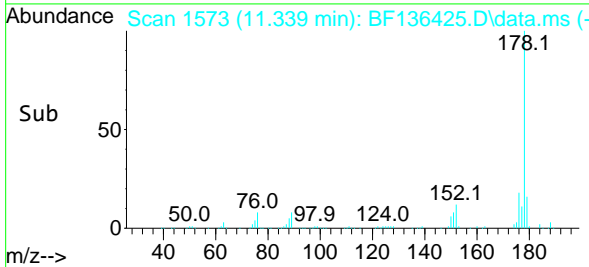
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

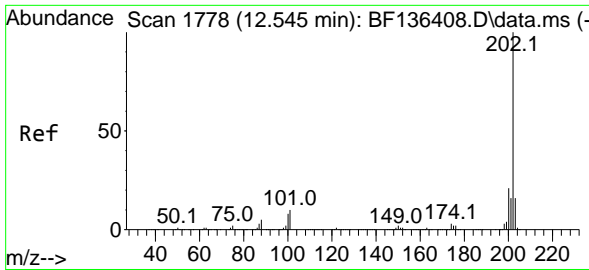


#71
 Phenanthrene
 Concen: 3.396 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



Tgt Ion:178 Resp: 56894
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.9 23.9
 179 16.0 11.8 17.6





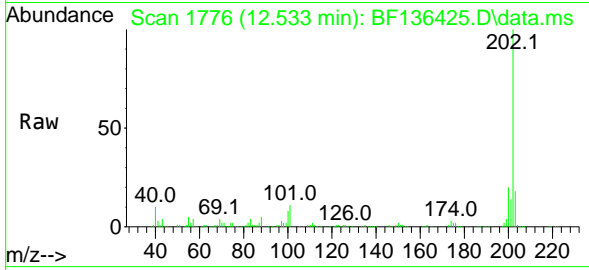
#75
 Fluoranthene
 Concen: 5.008 ng
 RT: 12.533 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument :

BNA_F

ClientSampleId :

72-12018



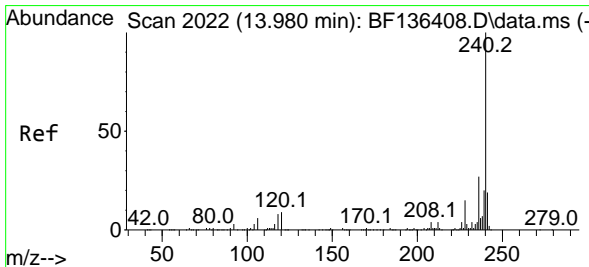
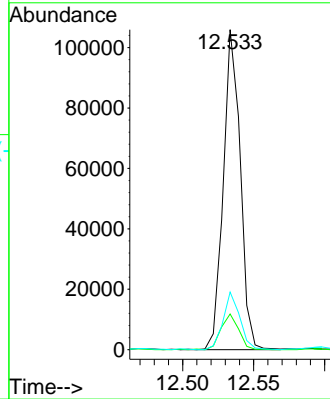
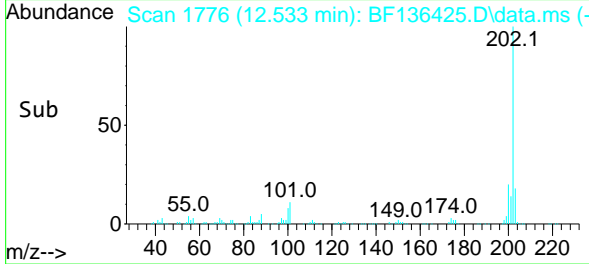
Tgt Ion: 202 Resp: 8791
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 29.9
 203 18.0 0.0 36.3

Manual Integrations

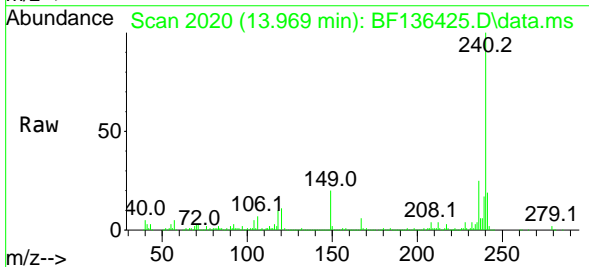
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Reviewed By :Yogesh Patel 12/07/2023

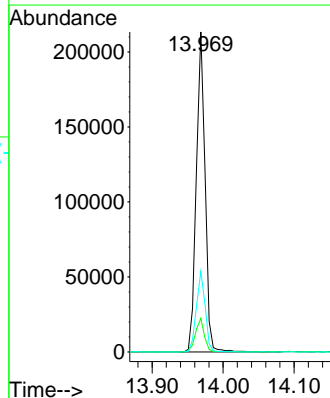
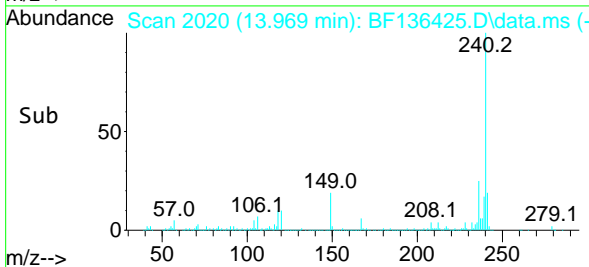
Supervised By :mohammad ahmed 12/07/2023

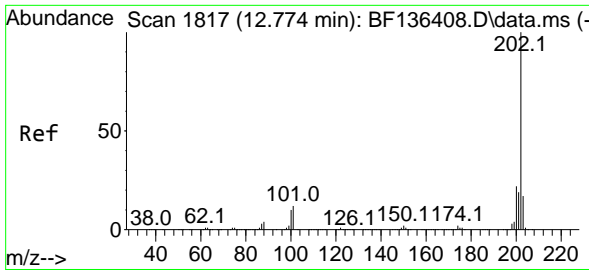


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.969 min Scan# 2020
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



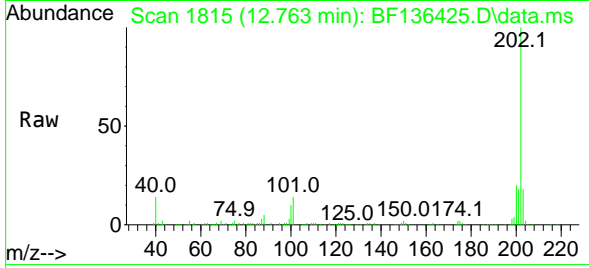
Tgt Ion: 240 Resp: 184620
 Ion Ratio Lower Upper
 240 100
 120 10.5 7.3 10.9
 236 25.2 21.3 31.9





#78
 Pyrene
 Concen: 3.846 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

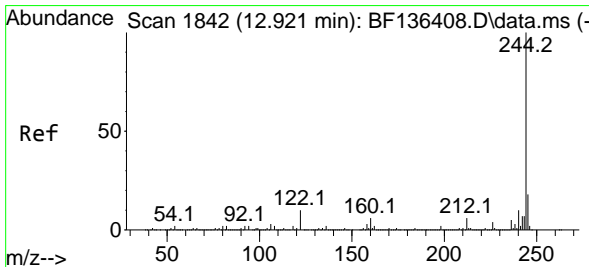
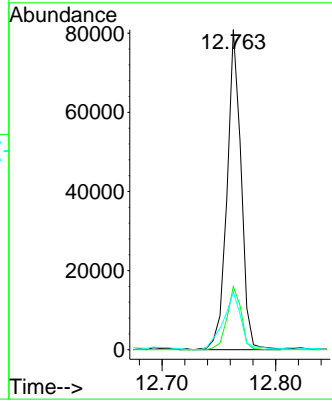
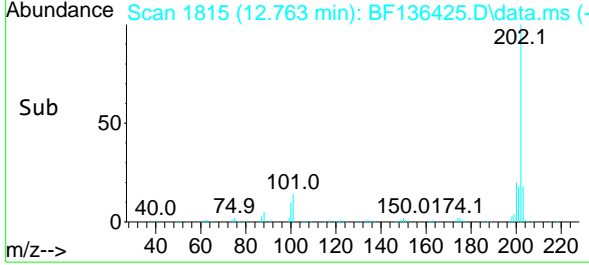
Instrument : BNA_F
 Client Sample Id : 72-12018



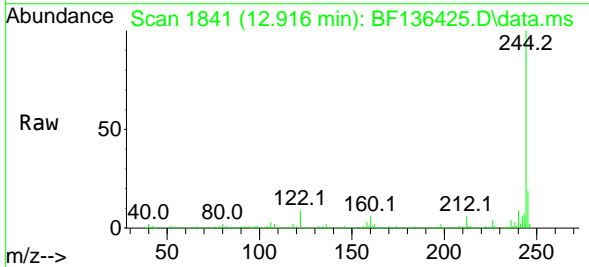
Tgt Ion: 202 Resp: 69538

Ion	Ratio	Lower	Upper
202	100		
200	19.7	18.0	27.0
203	18.0	13.5	20.3

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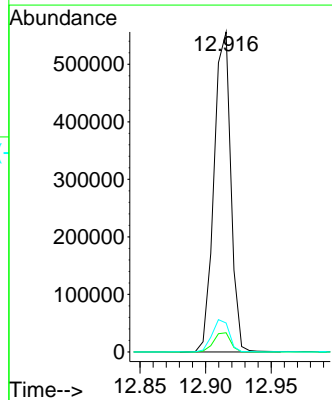
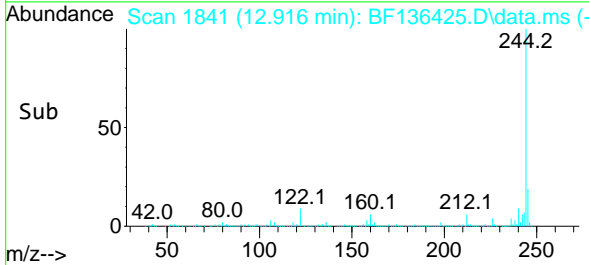


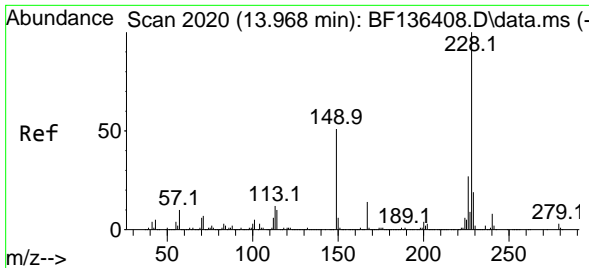
#79
 Terphenyl-d14
 Concen: 35.455 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



Tgt Ion: 244 Resp: 496621

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.0	7.4
122	9.0	8.3	12.5





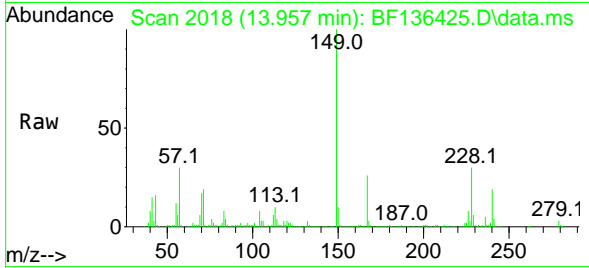
#81
 Benzo(a)anthracene
 Concen: 3.283 ng
 RT: 13.957 min Scan# 2020
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument :

BNA_F

Client SampleId :

72-12018

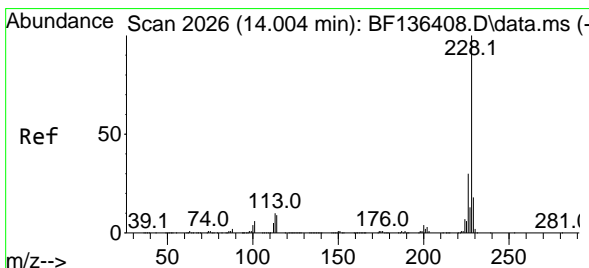
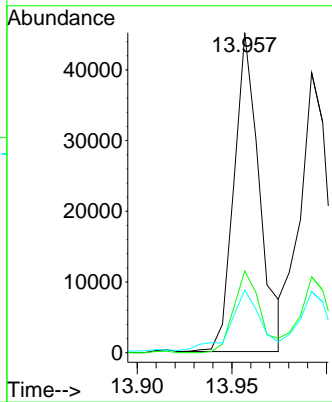
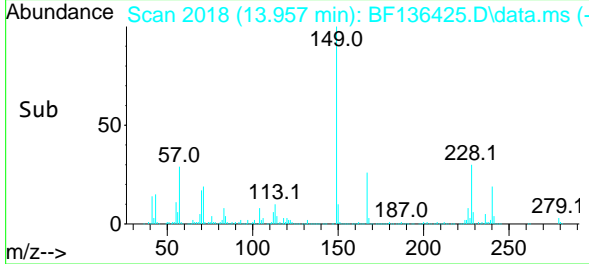


Tgt Ion:228 Resp: 4222
 Ion Ratio Lower Upper
 228 100
 226 25.6 21.8 32.8
 229 19.6 15.0 22.4

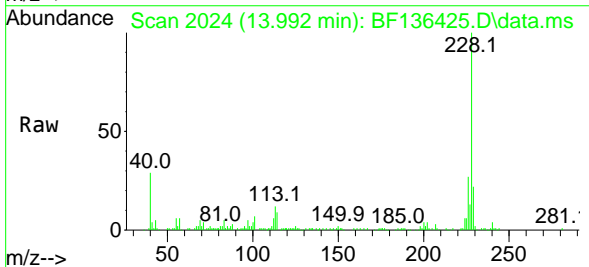
Manual Integrations

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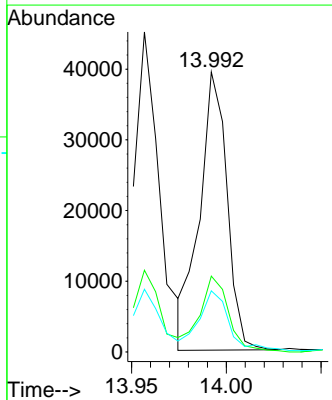
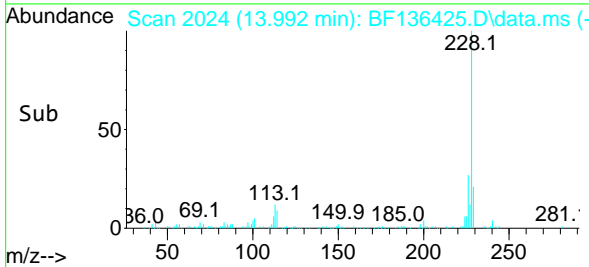
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

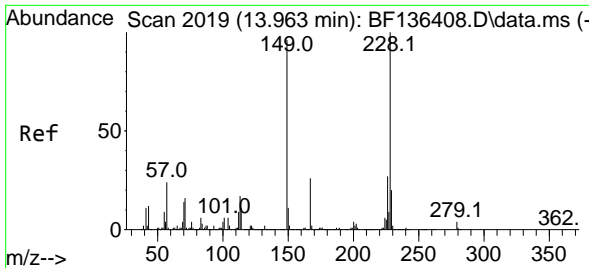


#83
 Chrysene
 Concen: 3.136 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



Tgt Ion:228 Resp: 39674
 Ion Ratio Lower Upper
 228 100
 226 27.1 23.8 35.6
 229 21.8 14.8 22.2





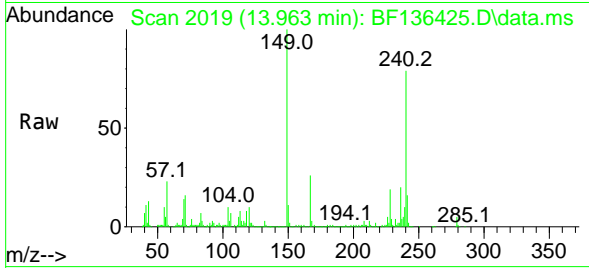
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 17.915 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument :

BNA_F

ClientSampleId :

72-12018

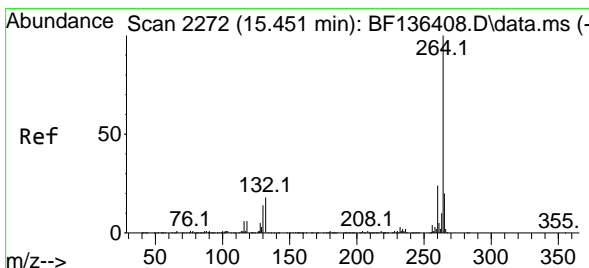
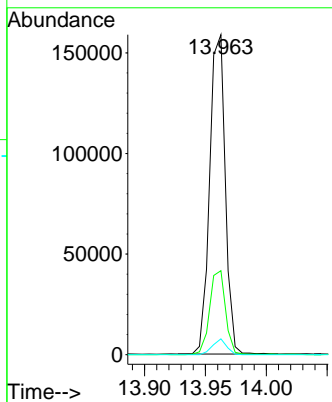
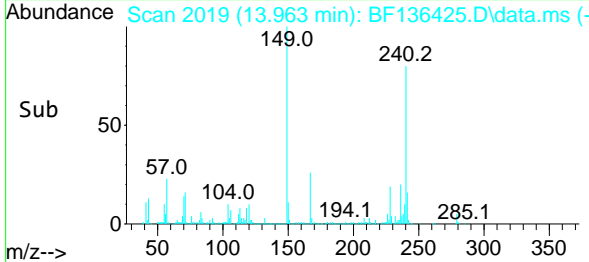


Tgt Ion:149 Resp: 14136
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.2 31.8
 279 5.0 3.1 4.7

Manual Integrations

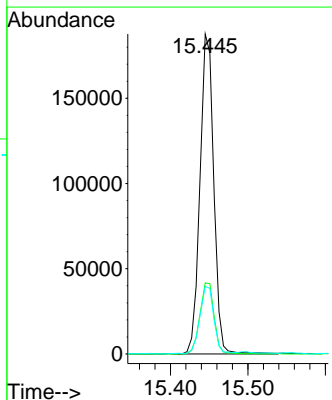
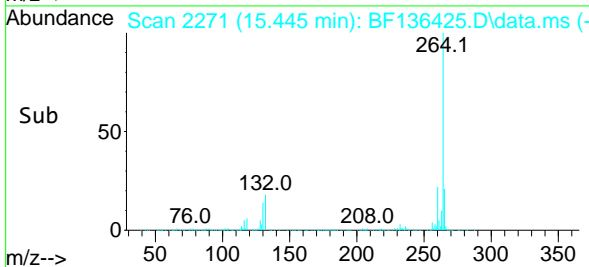
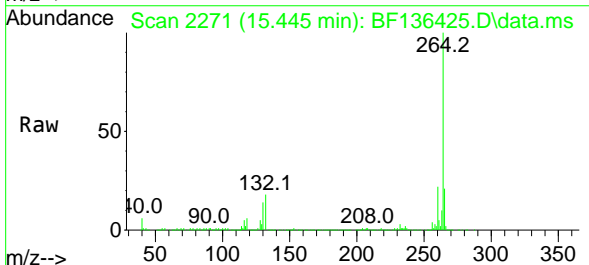
APPROVED

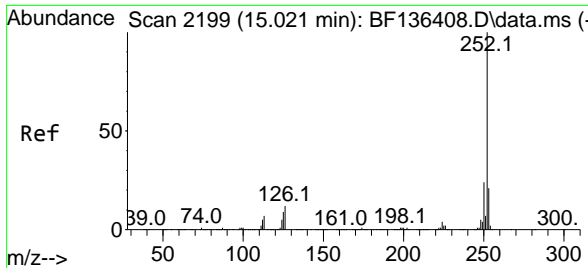
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

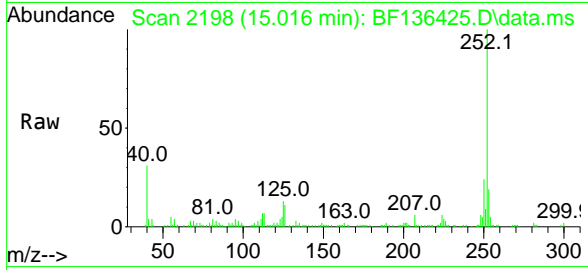
Tgt Ion:264 Resp: 232619
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.1 15.9 23.9





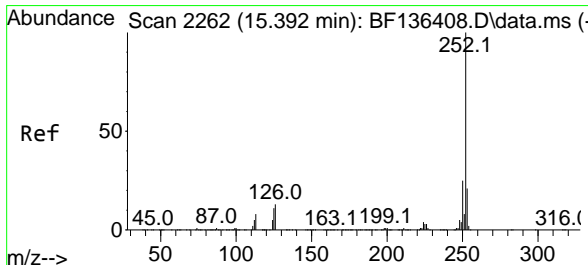
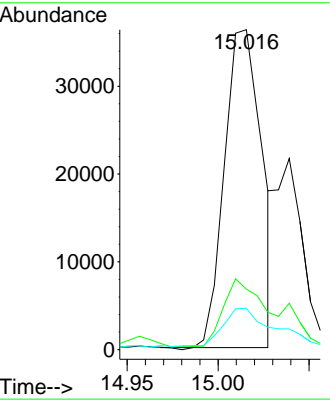
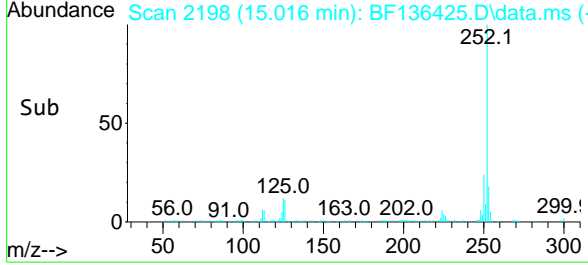
#88
 Benzo(b)fluoranthene
 Concen: 3.241 ng m
 RT: 15.016 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29

Instrument : BNA_F
 ClientSampleId : 72-12018

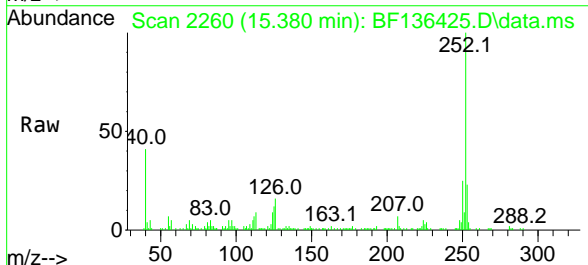


Tgt Ion:252 Resp: 5155
 Ion Ratio Lower Upper
 252 100
 253 18.9 16.9 25.3
 125 12.9 7.4 11.2

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#90
 Benzo(a)pyrene
 Concen: 2.778 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF136425.D
 Acq: 06 Dec 2023 13:29



Tgt Ion:252 Resp: 36495
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.0 25.4
 125 12.1 8.6 13.0

