

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010627.D
 Acq On : 29 May 2022 19:44
 Operator : CG/JU
 Sample : N3056-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-02DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 30 02:07:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	177483	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	683664	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	408015	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	758701	20.000	ng	0.00
76) Chrysene-d12	21.339	240	685872	20.000	ng	0.00
86) Perylene-d12	23.757	264	715518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	127040	13.058	ng	0.00
7) Phenol-d6	7.052	99	100839	7.301	ng	0.01
23) Nitrobenzene-d5	9.028	82	225745	15.611	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	125287	27.127	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	497950	17.321	ng	0.00
79) Terphenyl-d14	19.816	244	591228	16.191	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.858	122	27748m	3.279	ng	
31) Naphthalene	10.722	128	1547604	42.970	ng	99
37) 2-Methylnaphthalene	12.328	142	210360	8.371	ng	99
38) 1-Methylnaphthalene	12.546	142	181803m	7.408	ng	

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

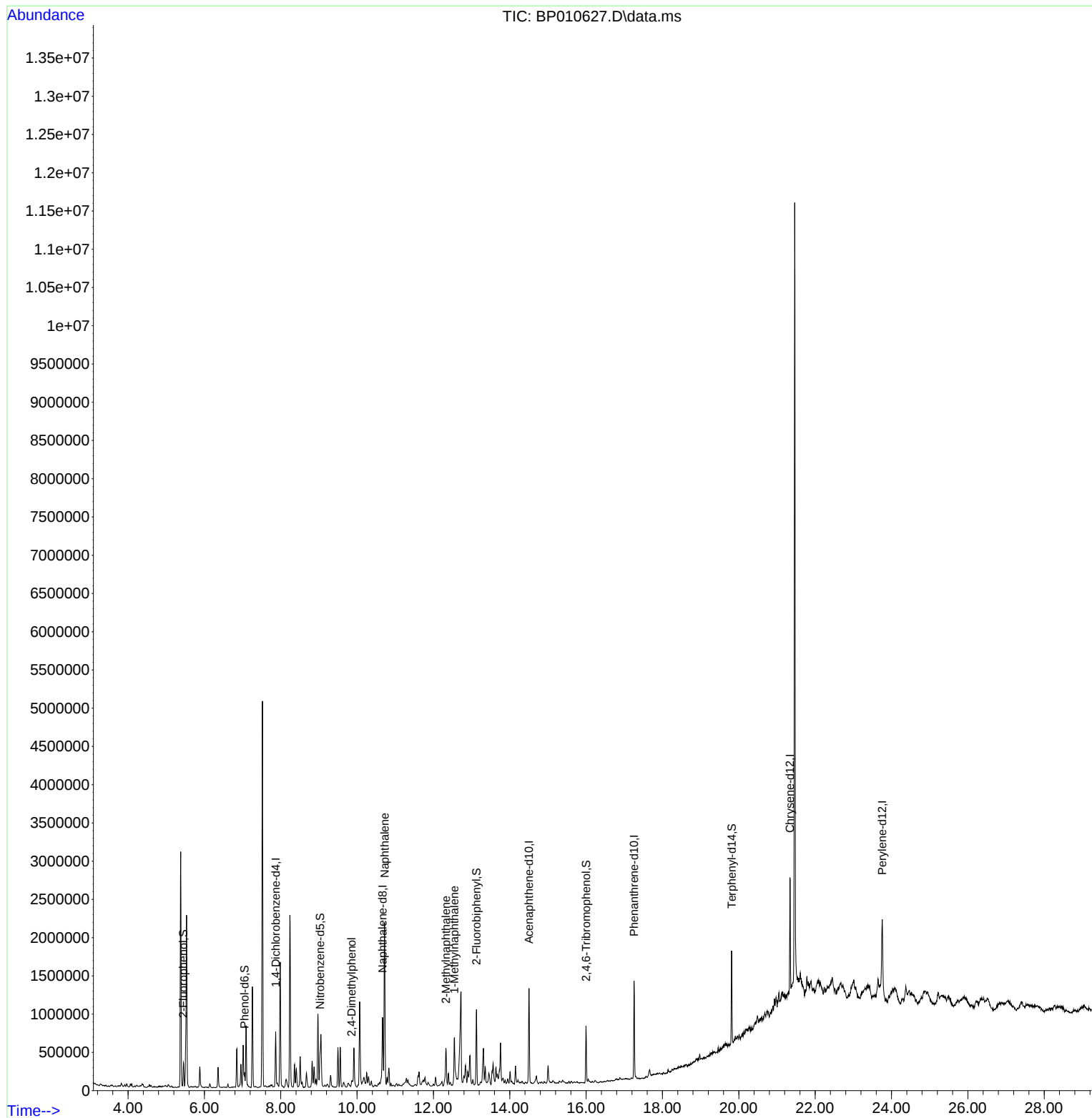
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
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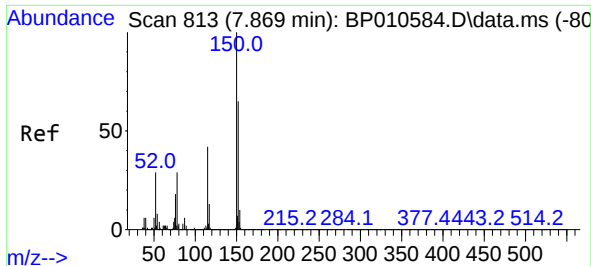
Instrument :
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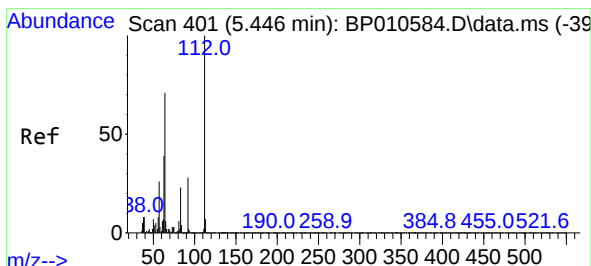
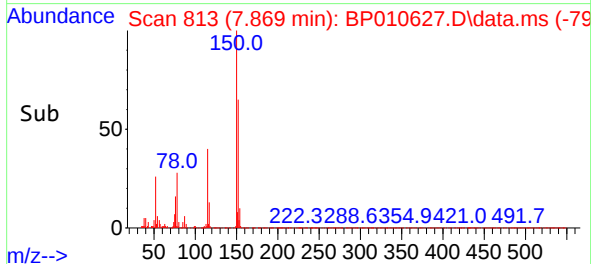
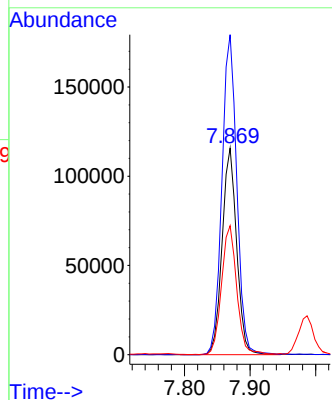
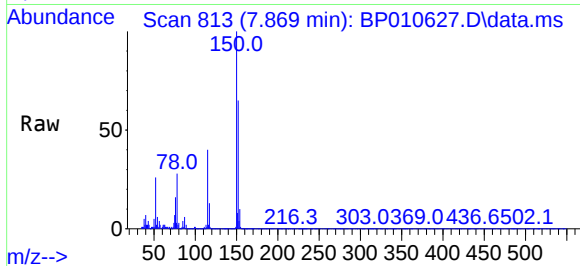
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Instrument :
BNA_P
ClientSampleId :
MW-02DL

Tgt Ion:152 Resp: 17748
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 62.5 51.3 76.9

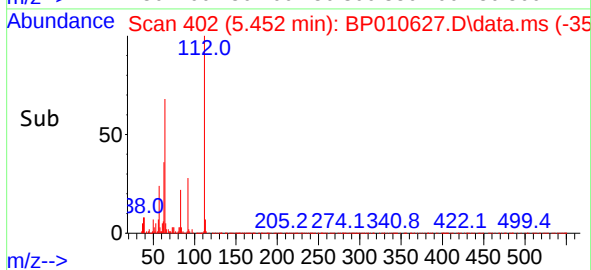
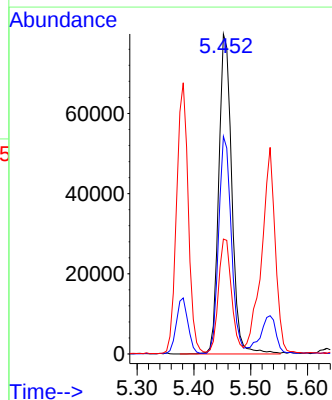
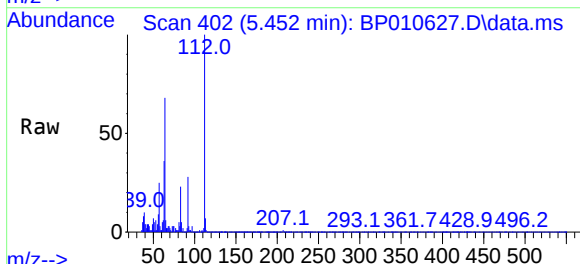
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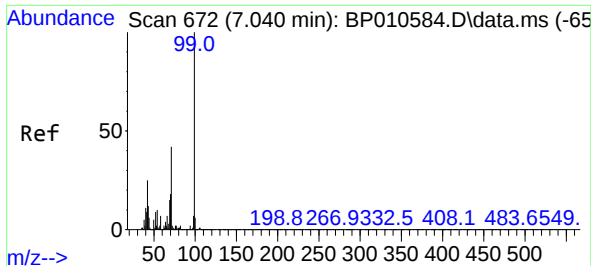
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#5
2-Fluorophenol
Concen: 13.058 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

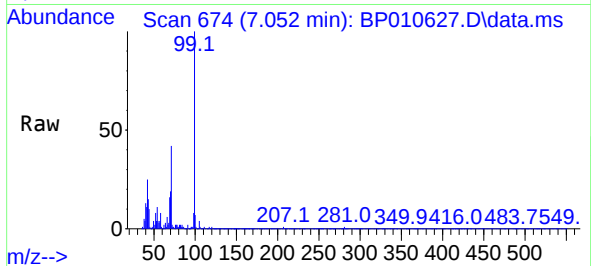
Tgt Ion:112 Resp: 127040
Ion Ratio Lower Upper
112 100
64 68.0 56.9 85.3
63 35.9 31.2 46.8





#7
Phenol-d6
Concen: 7.301 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

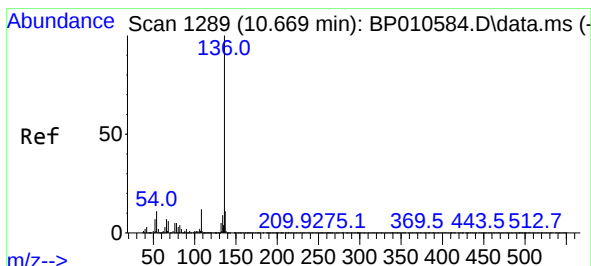
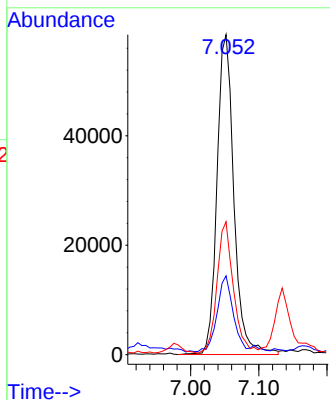
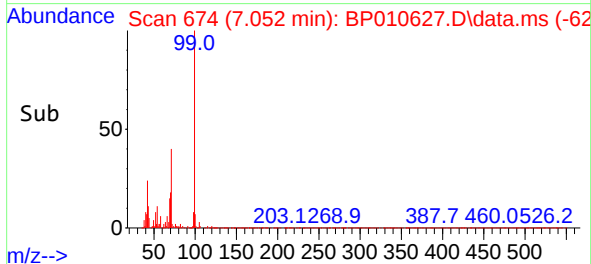
Instrument :
BNA_P
ClientSampleId :
MW-02DL



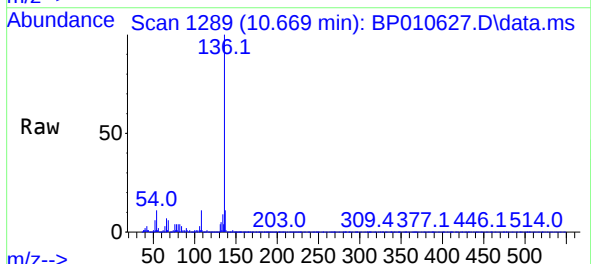
Tgt Ion: 99 Resp: 100839
Ion Ratio Lower Upper
99 100
42 24.7 20.3 30.5
71 41.5 33.9 50.9

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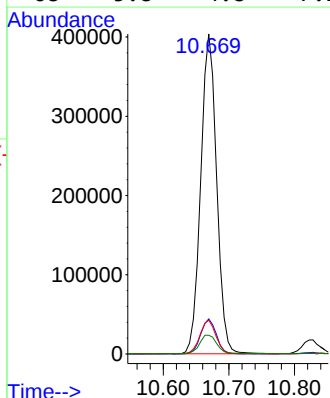
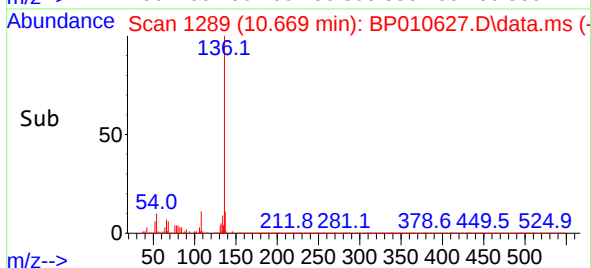
Reviewed By :Christian Giraldo 05/31/2022
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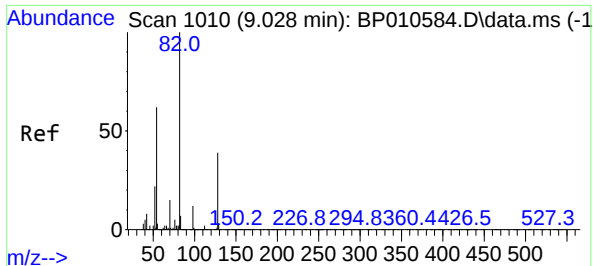


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44



Tgt Ion:136 Resp: 683664
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.5 8.7 13.1
68 5.8 4.8 7.2





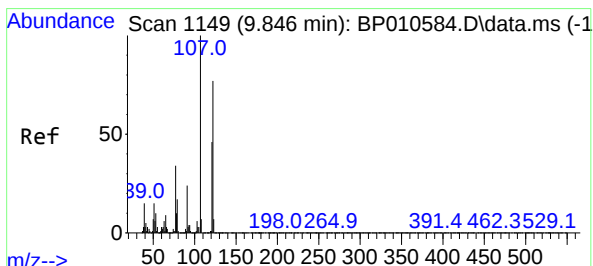
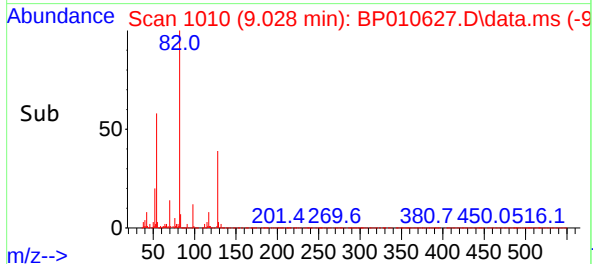
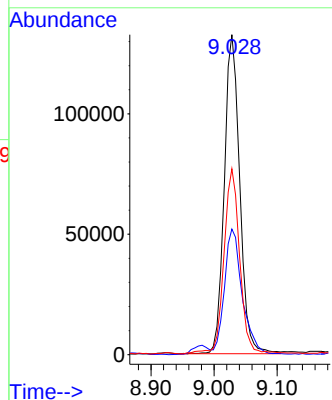
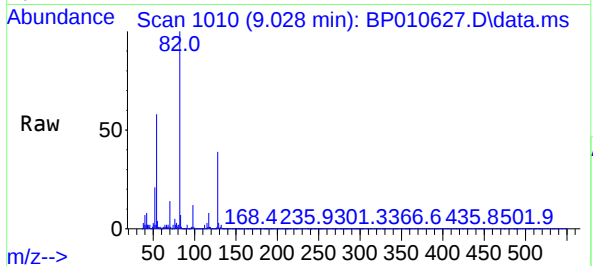
#23
Nitrobenzene-d5
Concen: 15.611 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Instrument :
BNA_P
ClientSampleId :
MW-02DL

Tgt Ion: 82 Resp: 22574
Ion Ratio Lower Upper
82 100
128 39.2 31.3 46.9
54 58.1 49.8 74.8

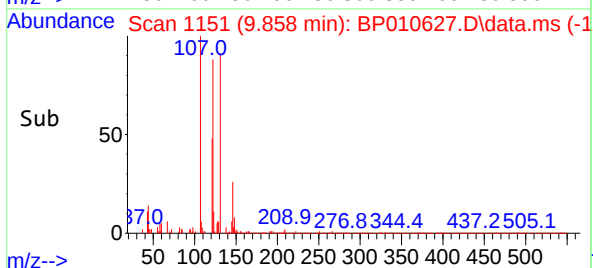
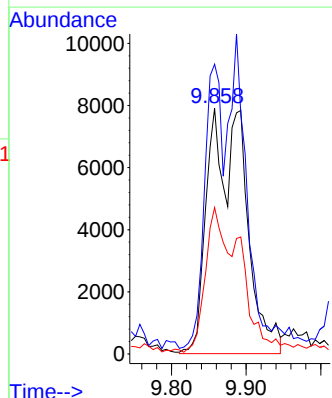
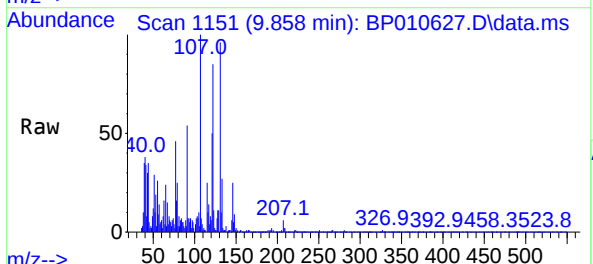
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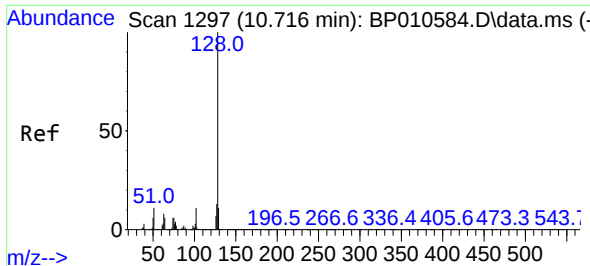
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#27
2,4-Dimethylphenol
Concen: 3.279 ng m
RT: 9.858 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:122 Resp: 27748
Ion Ratio Lower Upper
122 100
107 117.9 103.5 155.3
121 59.5 47.5 71.3





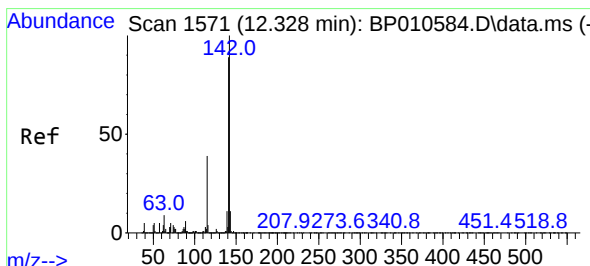
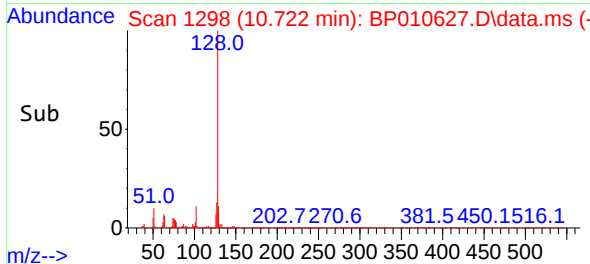
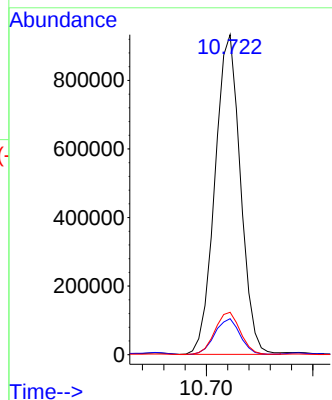
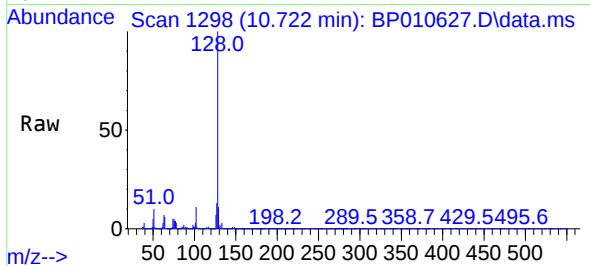
#31
Naphthalene
Concen: 42.970 ng
RT: 10.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Instrument :
BNA_P
ClientSampleId :
MW-02DL

Tgt Ion:128 Resp: 1547604
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.2 10.3 15.5

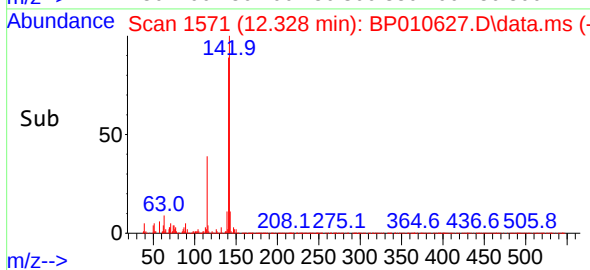
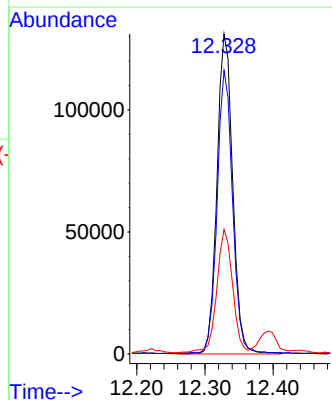
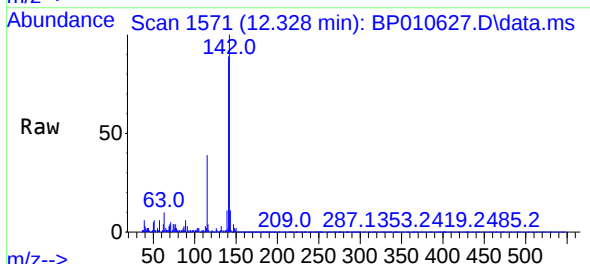
Manual Integrations
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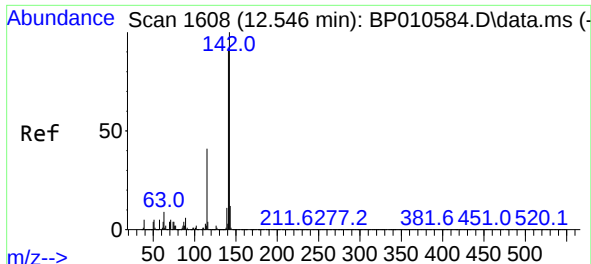
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#37
2-Methylnaphthalene
Concen: 8.371 ng
RT: 12.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

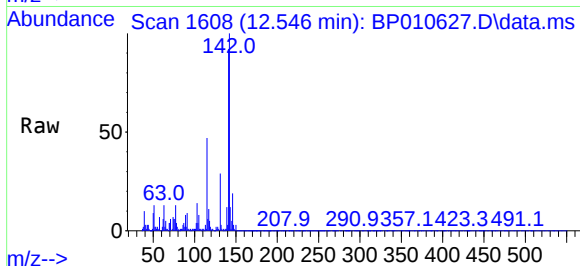
Tgt Ion:142 Resp: 210360
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 38.9 31.4 47.2





#38
1-Methylnaphthalene
Concen: 7.408 ng m
RT: 12.546 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

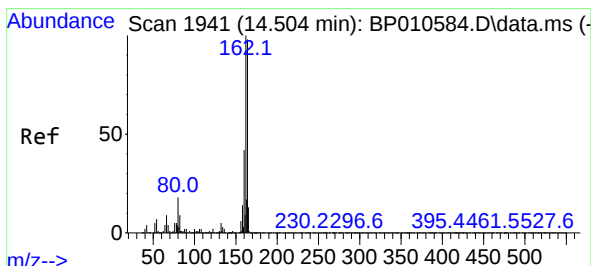
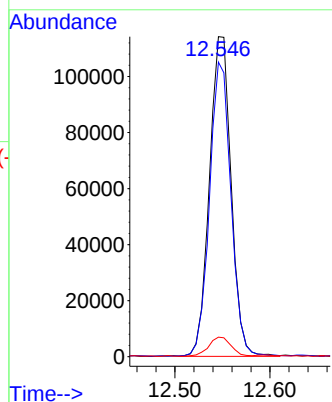
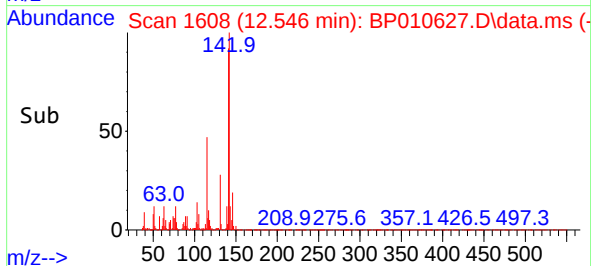
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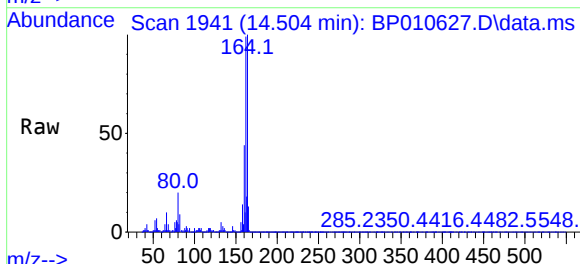
Tgt Ion:142 Resp: 18180
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8
116 6.1 3.3 4.9

Manual Integrations
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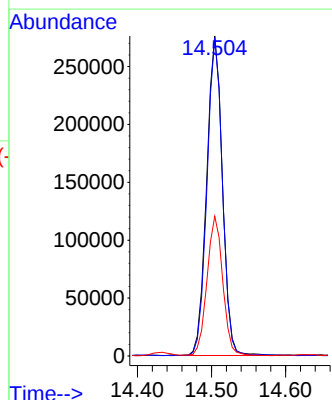
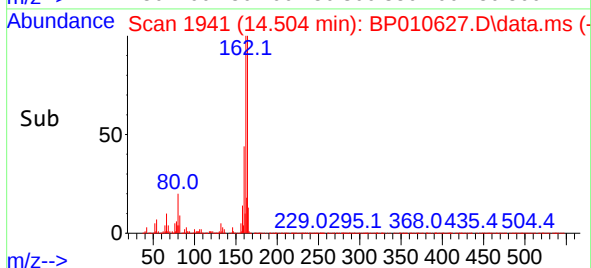
Reviewed By :Christian Giraldo 05/31/2022
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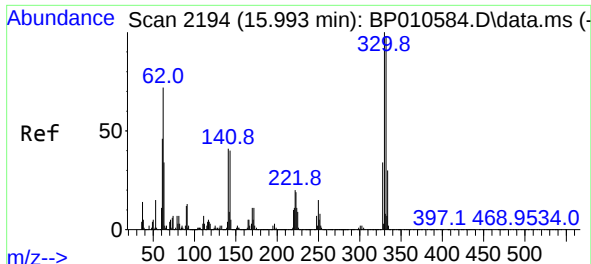


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44



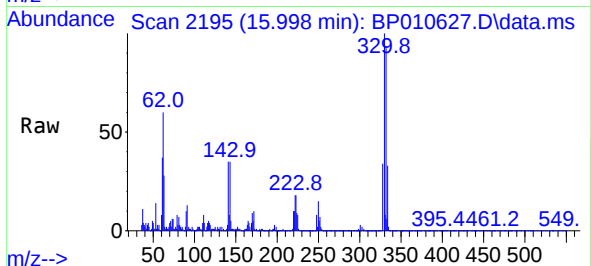
Tgt Ion:164 Resp: 408015
Ion Ratio Lower Upper
164 100
162 99.4 81.9 122.9
160 43.7 34.6 51.8





#42
2,4,6-Tribromophenol
Concen: 27.127 ng
RT: 15.998 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

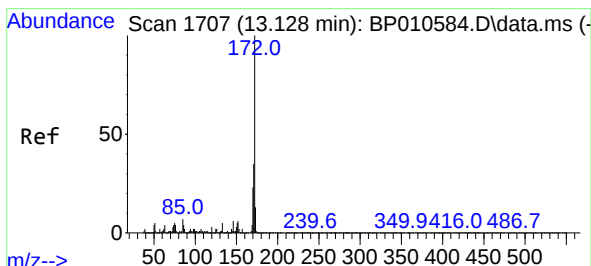
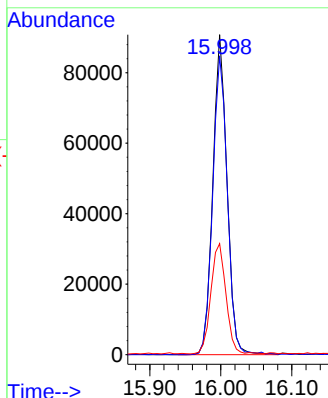
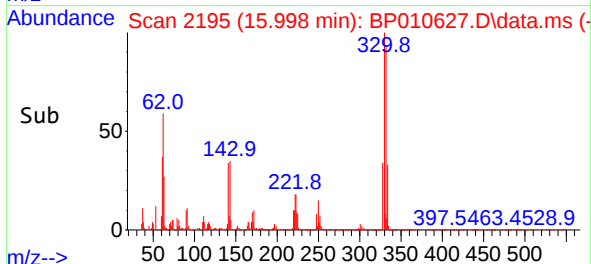
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MW-02DL



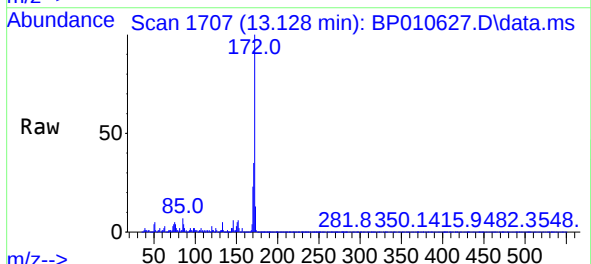
Tgt Ion: 330 Resp: 12528
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 36.9 31.4 47.2

Manual Integrations
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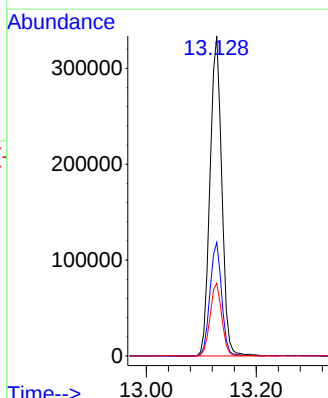
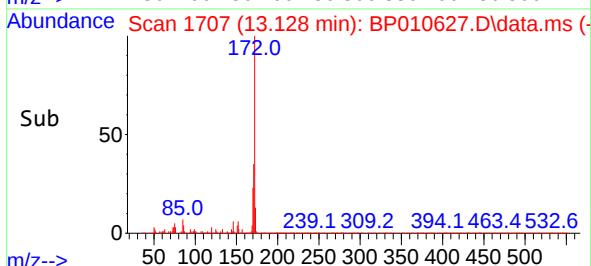
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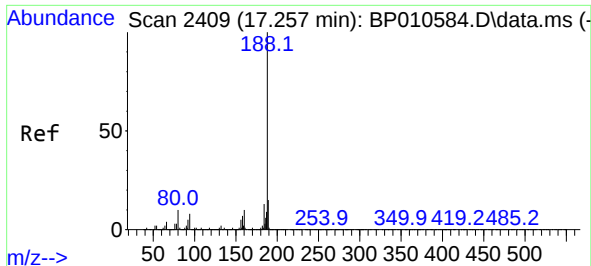


#45
2-Fluorobiphenyl
Concen: 17.321 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44



Tgt Ion: 172 Resp: 497950
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.7 18.2 27.2





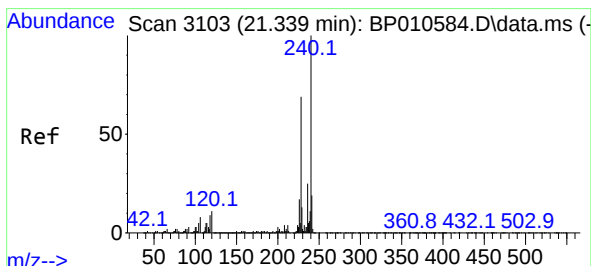
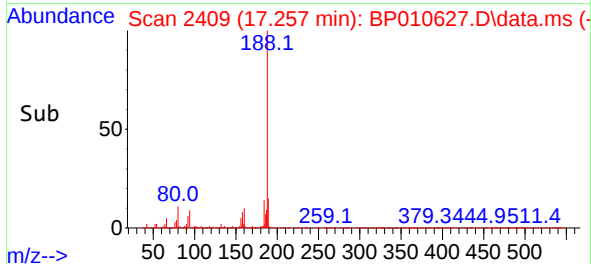
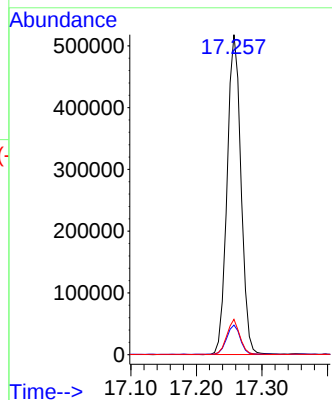
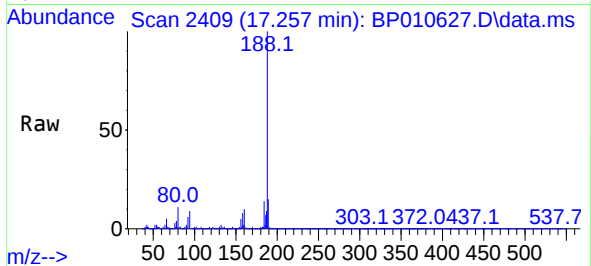
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Instrument :
BNA_P
ClientSampleId :
MW-02DL

Tgt Ion:188 Resp: 75870
Ion Ratio Lower Upper
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94 9.2 6.6 10.0
80 11.0 8.0 12.0

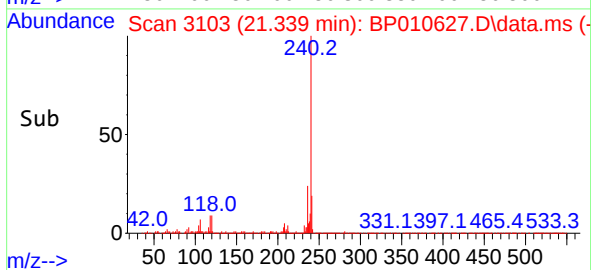
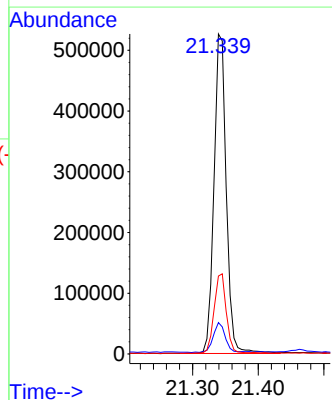
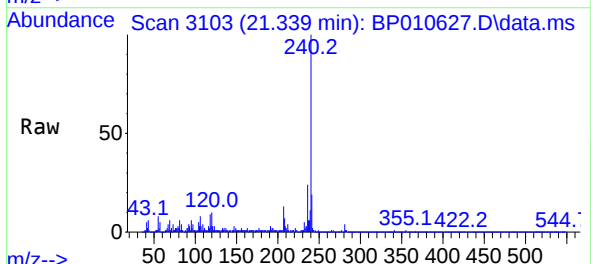
Manual Integrations
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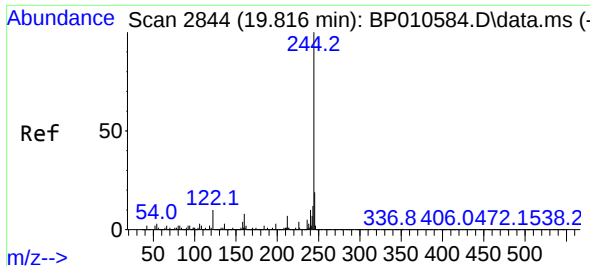
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

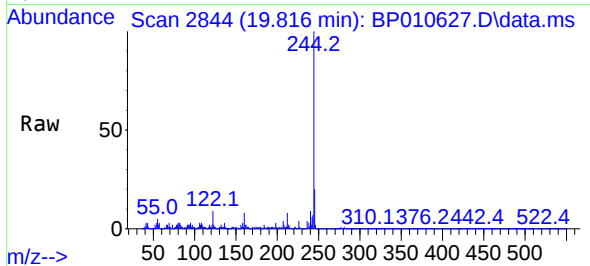
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Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 24.4 19.8 29.6





#79
Terphenyl-d14
Concen: 16.191 ng
RT: 19.816 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

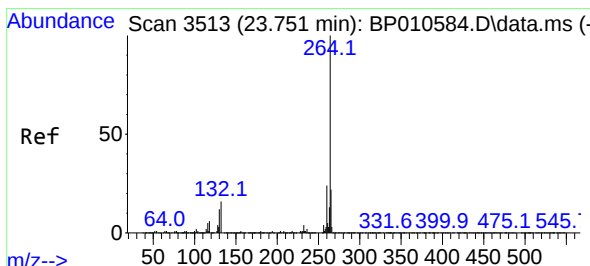
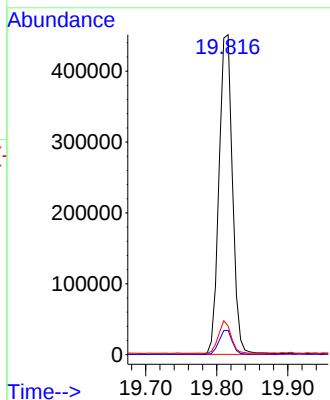
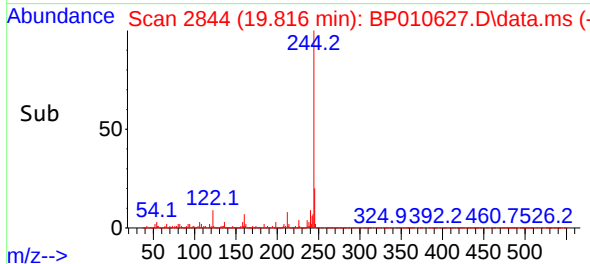
Instrument :
BNA_P
ClientSampleId :
MW-02DL



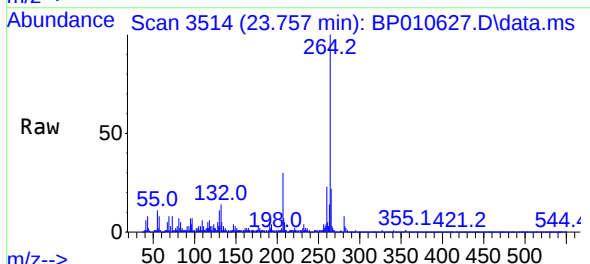
Tgt Ion:244 Resp: 591228
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.0 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44



Tgt Ion:264 Resp: 715518
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.8 18.0 27.0

