

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023509.D
 Acq On : 28 Dec 2022 05:08
 Operator : CG/JU
 Sample : N6100-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221215

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 06:36:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:57:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4693	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	13492	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	7514	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	16444	0.400	ng	#-0.01
29) Chrysene-d12	21.558	240	11869	0.400	ng	#-0.01
35) Perylene-d12	24.002	264	9419	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.521	112	2128	0.205	ng	0.00
5) Phenol-d6	7.139	99	1518	0.119	ng	0.00
8) Nitrobenzene-d5	9.142	82	4034m	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	7374	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	27	0.007	ng	-0.01
15) 2-Fluorobiphenyl	13.244	172	15924	0.535	ng	-0.01
27) Fluoranthene-d10	19.401	212	16703	0.416	ng	0.00
31) Terphenyl-d14	20.000	244	18620	0.673	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.362	88	29027	6.418	ng	96
6) bis(2-Chloroethyl)ether	7.399	93	628	0.051	ng	96
34) Bis(2-ethylhexyl)phtha...	21.459	149	2290	0.094	ng	100

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

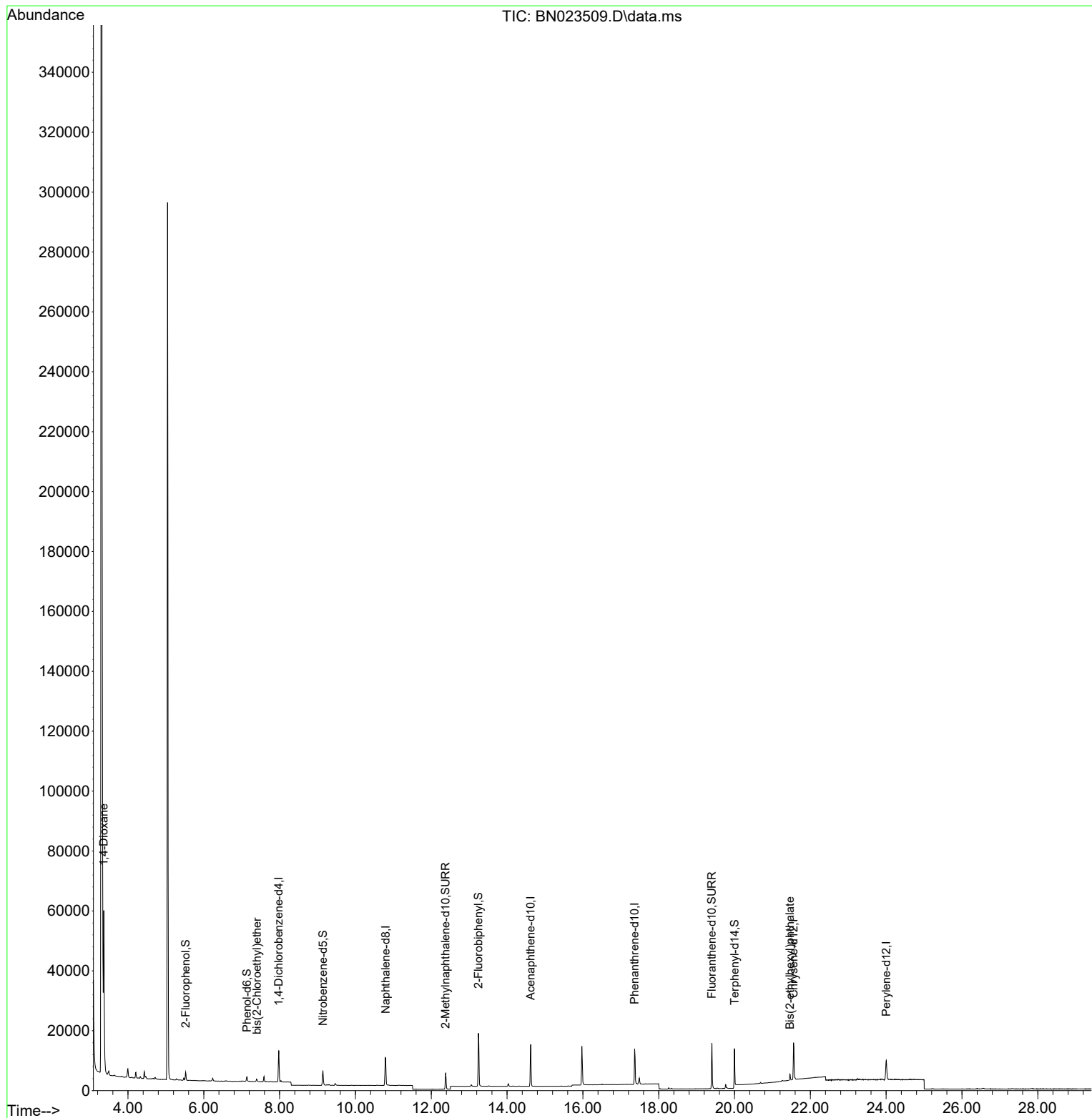
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023509.D
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ALS Vial : 24 Sample Multiplier: 1

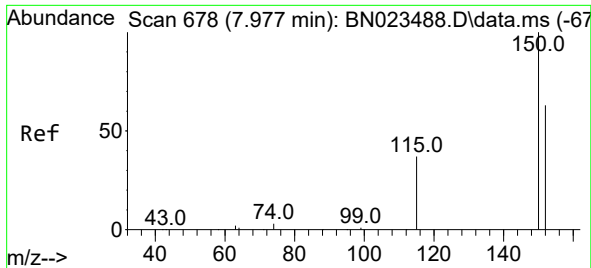
Instrument :
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ClientSampleId :
SP-100-20221215

Quant Time: Dec 28 06:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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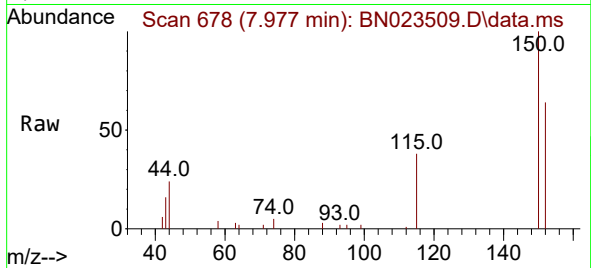
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Supervised By : Jagrut Upadhyay 12/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.977 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

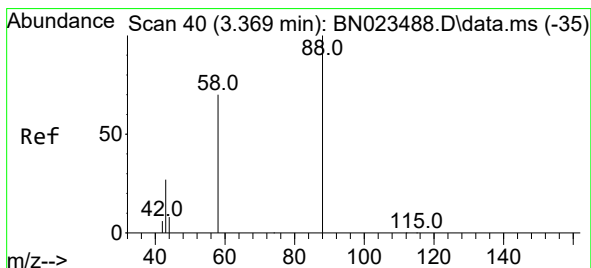
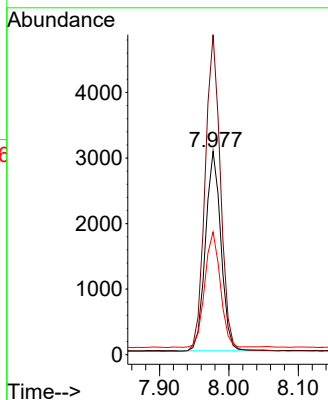
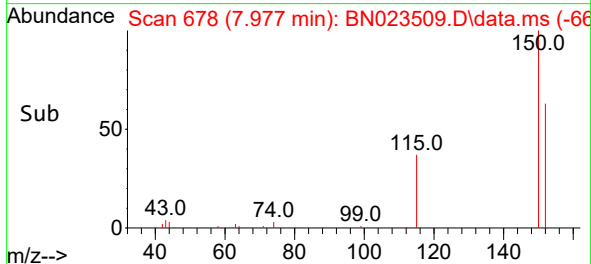
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BNA_N
ClientSampleId :
SP-100-20221215



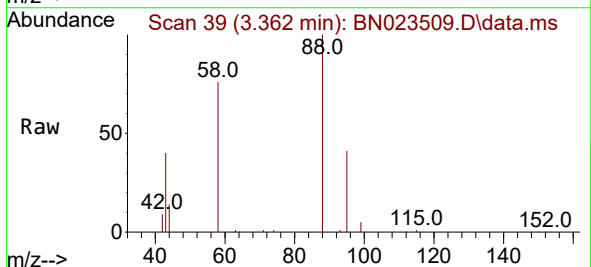
Tgt Ion: 152 Resp: 469
Ion Ratio Lower Upper
152 100
150 157.4 125.0 187.6
115 60.4 48.8 73.2

Manual Integrations
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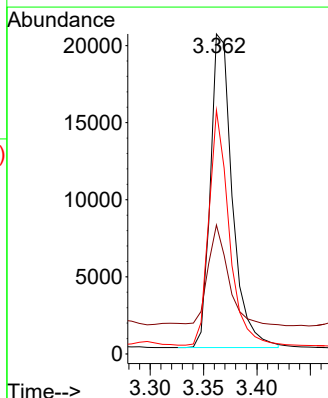
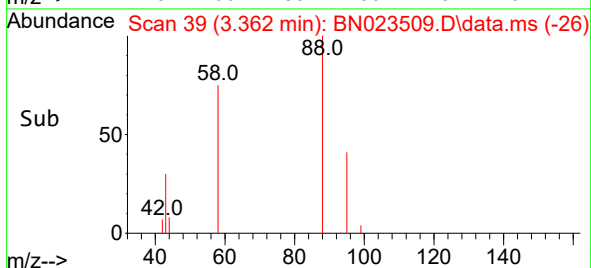
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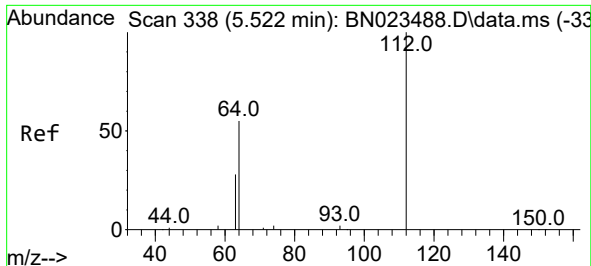


#2
1,4-Dioxane
Concen: 6.418 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.007 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08



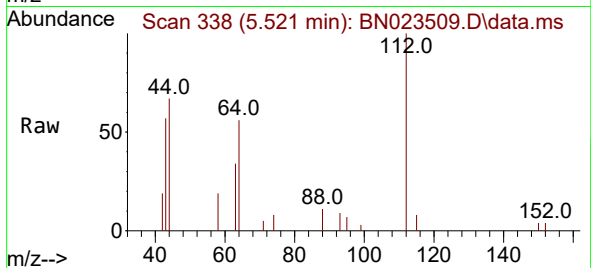
Tgt Ion: 88 Resp: 29027
Ion Ratio Lower Upper
88 100
43 29.0 24.6 36.8
58 68.8 58.2 87.4





#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.521 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

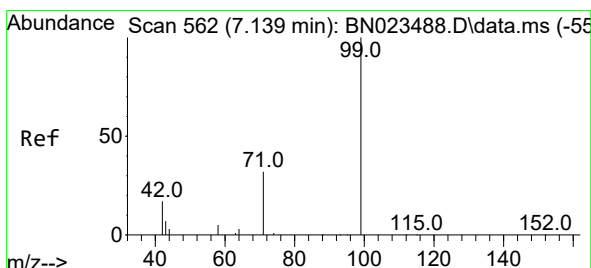
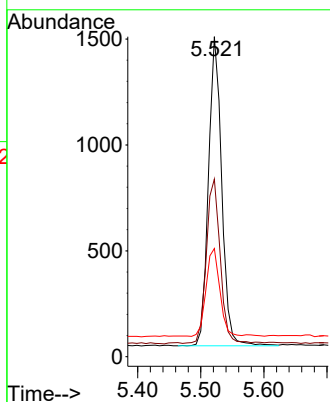
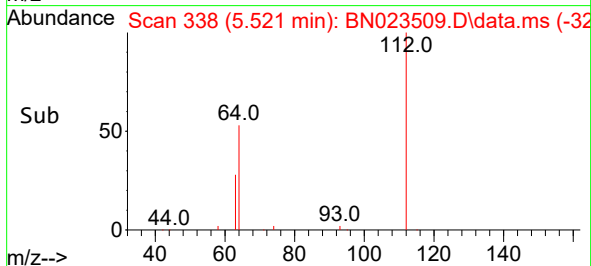
Instrument :
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Tgt Ion: 112 Resp: 2128
Ion Ratio Lower Upper
112 100
64 55.5 44.3 66.5
63 28.9 23.8 35.6

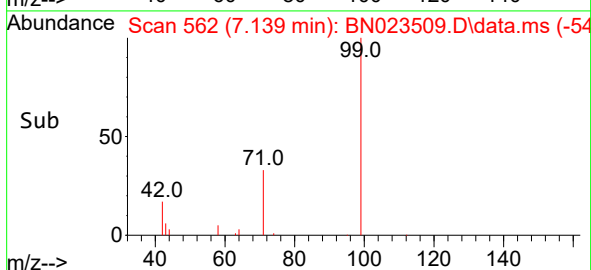
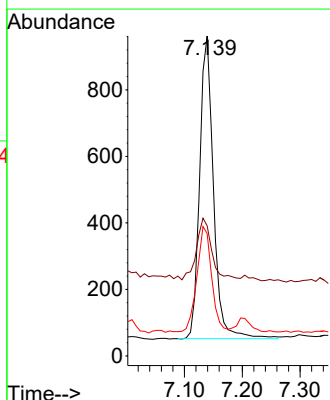
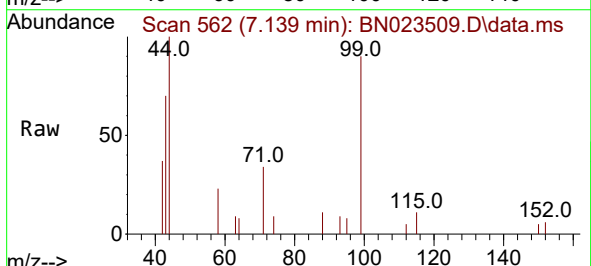
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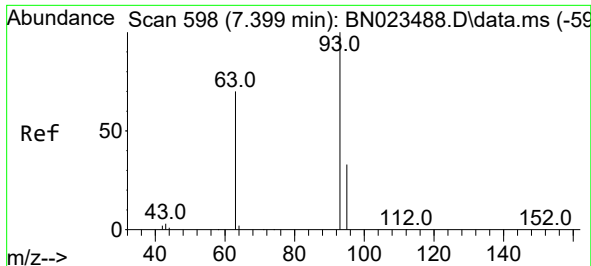
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#5
Phenol-d6
Concen: 0.119 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

Tgt Ion: 99 Resp: 1518
Ion Ratio Lower Upper
99 100
42 22.5 16.8 25.2
71 36.6 27.0 40.4





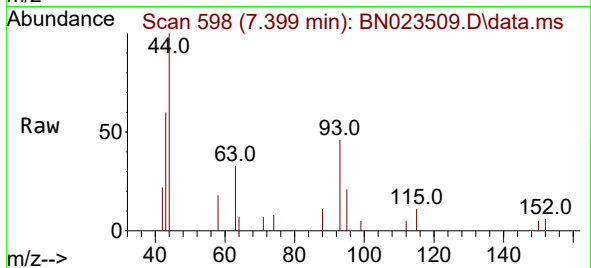
#6
bis(2-Chloroethyl)ether
Concen: 0.051 ng
RT: 7.399 min Scan# 598
Delta R.T. -0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

Instrument :

BNA_N

ClientSampleId :

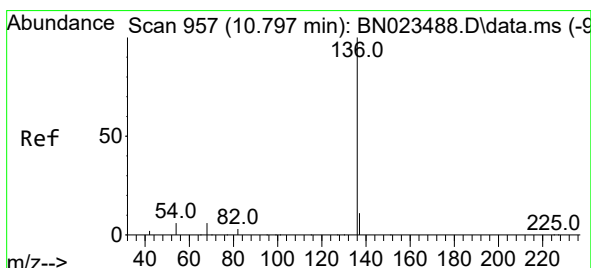
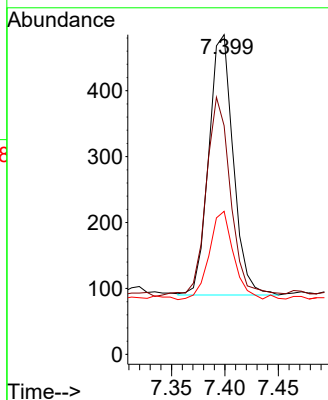
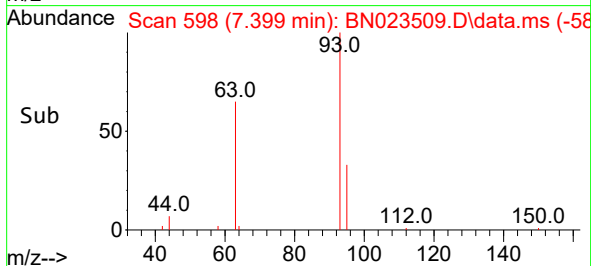
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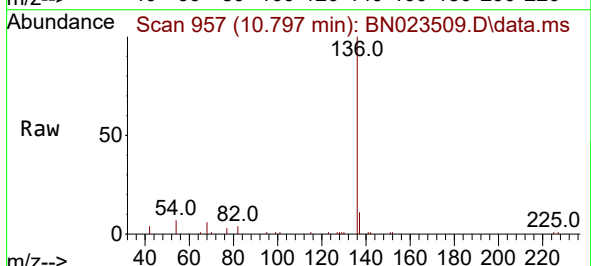
Tgt Ion: 93 Resp: 628
Ion Ratio Lower Upper
93 100
63 77.9 58.9 88.3
95 33.9 26.1 39.1

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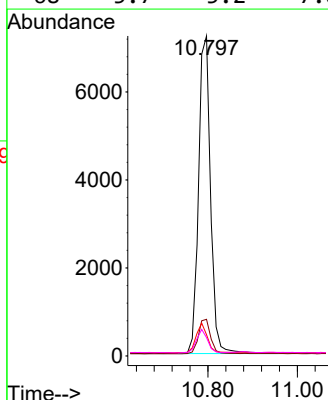
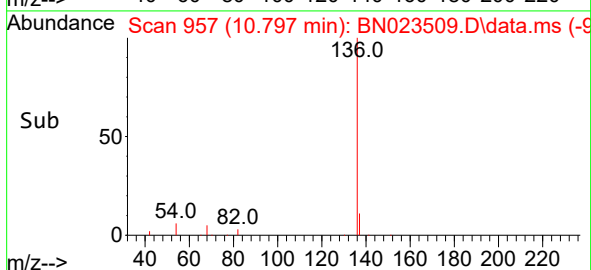
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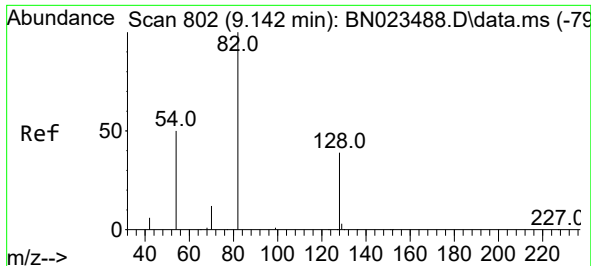


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.797 min Scan# 957
Delta R.T. -0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08



Tgt Ion:136 Resp: 13492
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.6 5.8 8.8
68 5.7 5.2 7.8





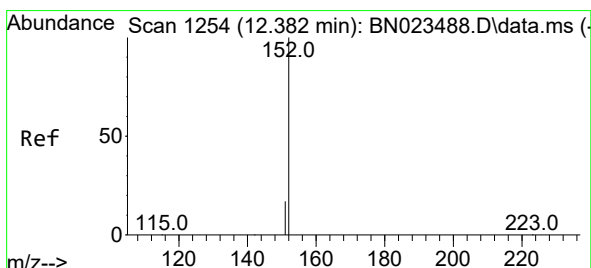
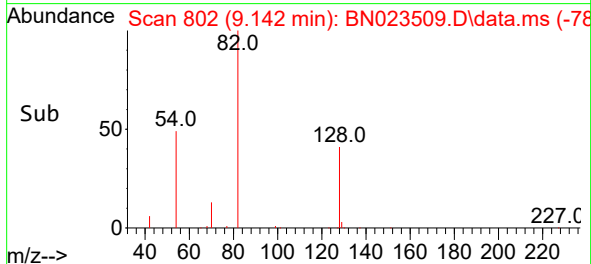
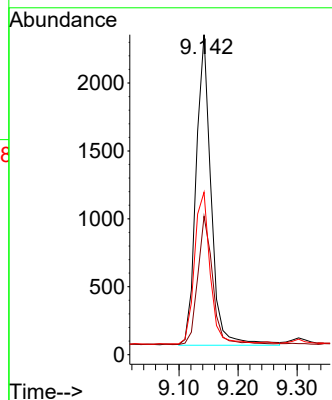
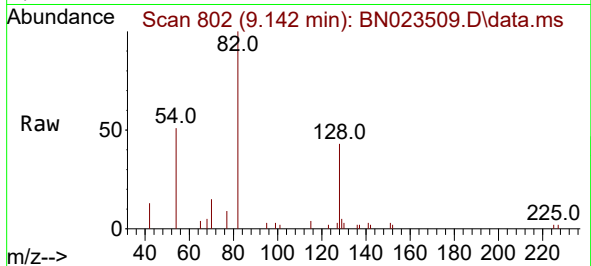
#8
Nitrobenzene-d5
Concen: 0.382 ng m
RT: 9.142 min Scan# 802
Delta R.T. -0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

Instrument :
BNA_N
ClientSampleId :
SP-100-20221215

Tgt Ion: 82 Resp: 4034
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 50.7 41.4 62.0

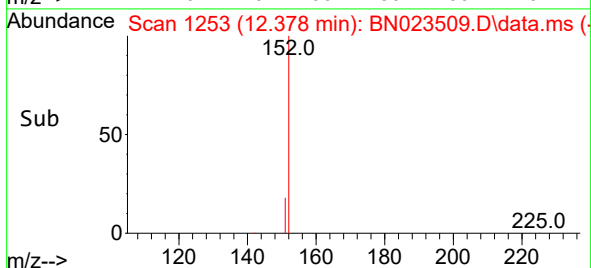
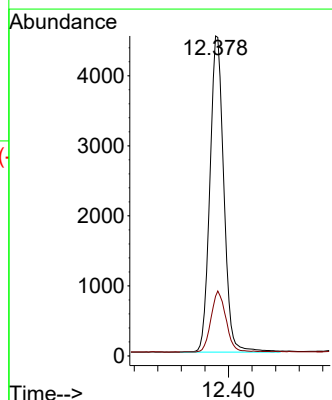
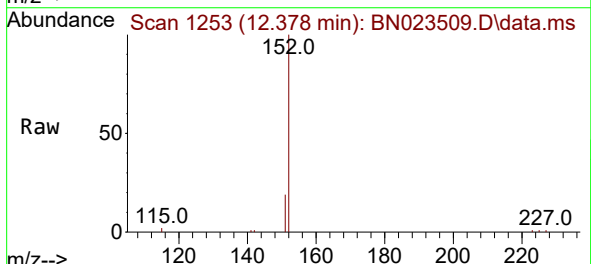
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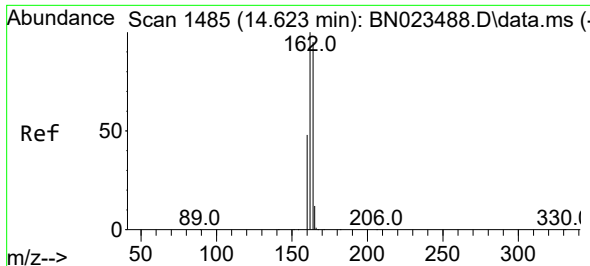
Reviewed By :Christian Giraldo 12/28/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.004 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

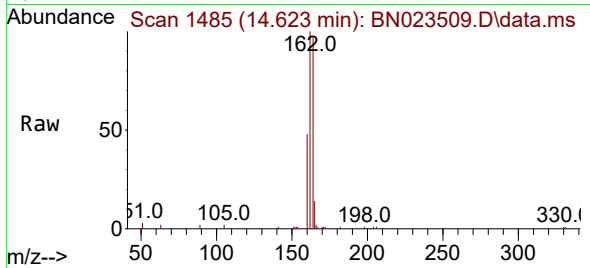
Tgt Ion:152 Resp: 7374
Ion Ratio Lower Upper
152 100
151 20.5 14.8 22.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

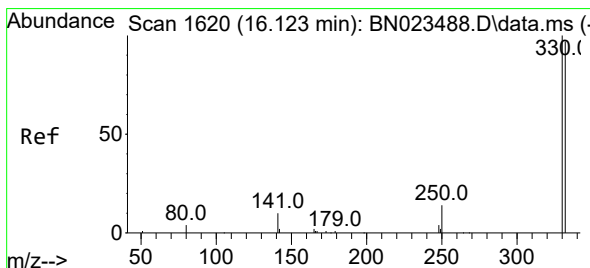
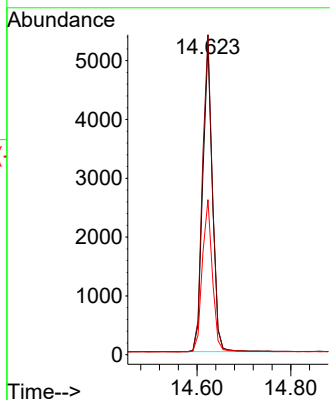
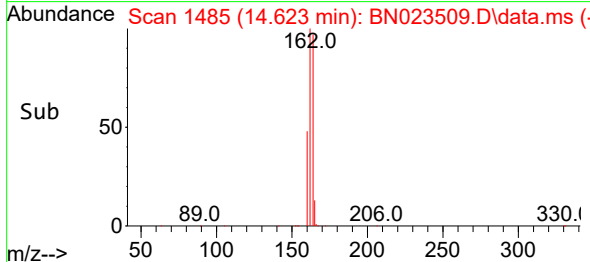
Instrument :
BNA_N
ClientSampleId :
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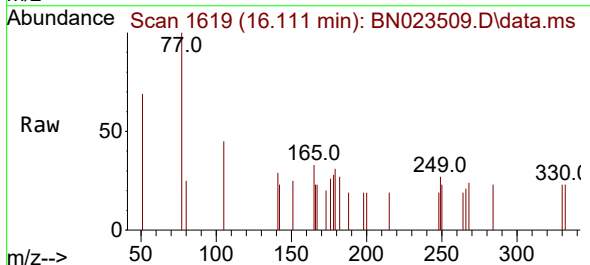
Tgt Ion:164 Resp: 7514
Ion Ratio Lower Upper
164 100
162 103.1 83.9 125.9
160 50.0 40.9 61.3

Manual Integrations
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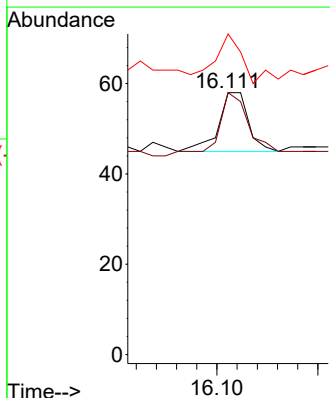
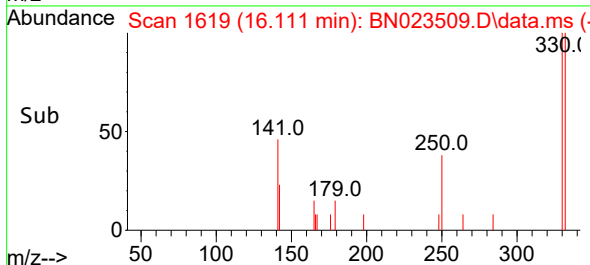
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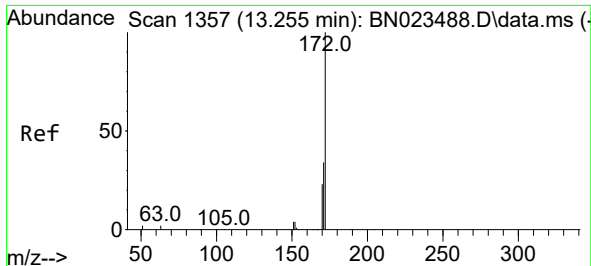


#14
2,4,6-Tribromophenol
Concen: 0.007 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08



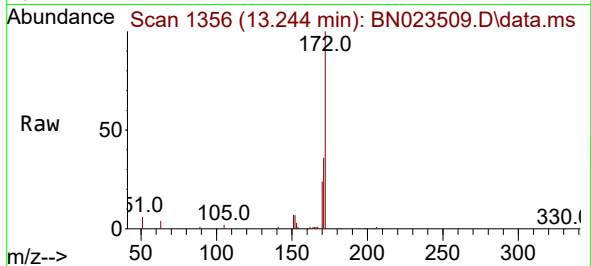
Tgt Ion:330 Resp: 27
Ion Ratio Lower Upper
330 100
332 114.8 76.7 115.1
141 63.0 29.8 44.6#





#15
2-Fluorobiphenyl
Concen: 0.535 ng
RT: 13.244 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

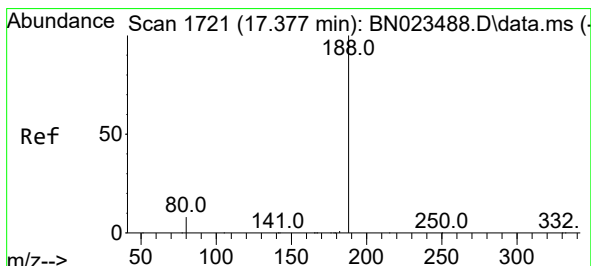
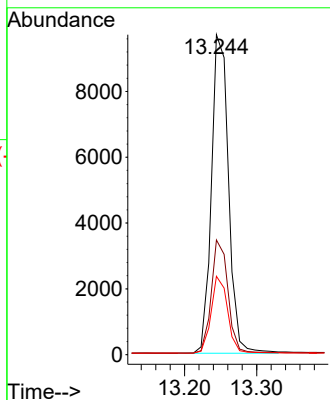
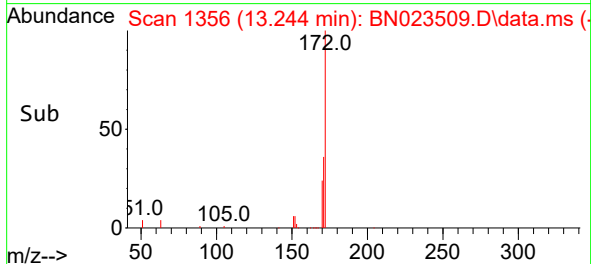
Instrument :
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ClientSampleId :
SP-100-20221215



Tgt Ion:172 Resp: 15924
Ion Ratio Lower Upper
172 100
171 35.8 27.6 41.4
170 24.5 18.7 28.1

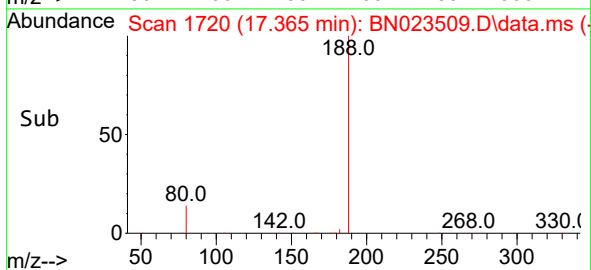
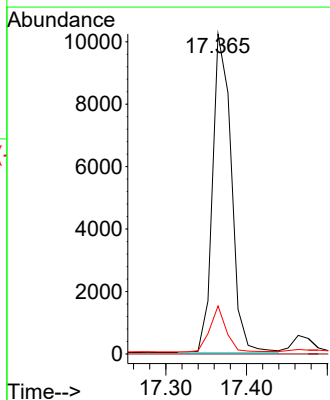
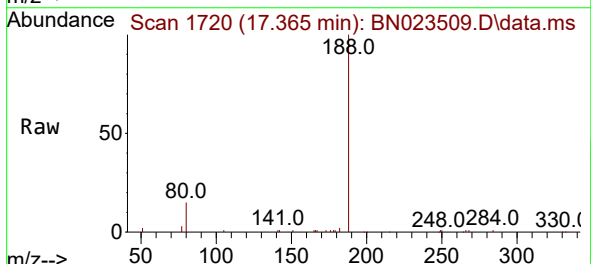
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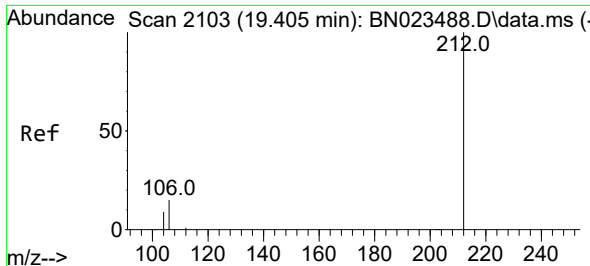
Reviewed By :Christian Giraldo 12/28/2022
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

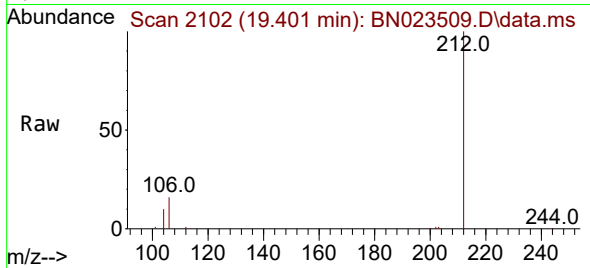
Tgt Ion:188 Resp: 16444
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 6.7 10.1#





#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.401 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

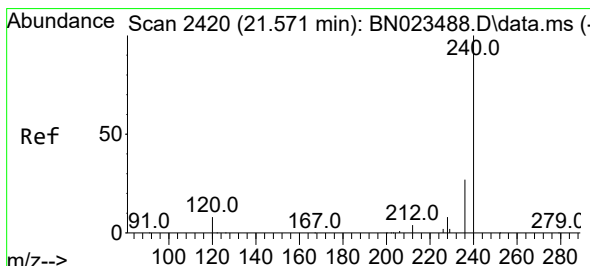
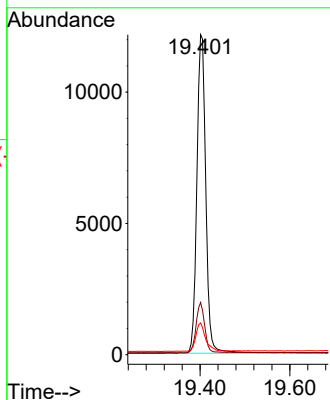
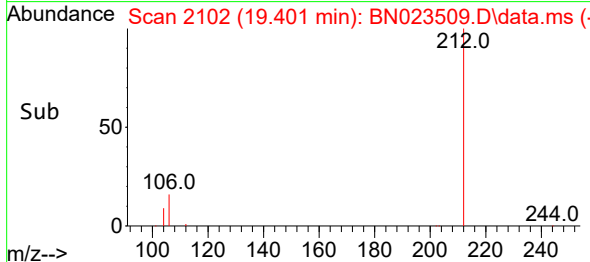
Instrument :
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Tgt Ion:212 Resp: 1670
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.6 6.8 10.2

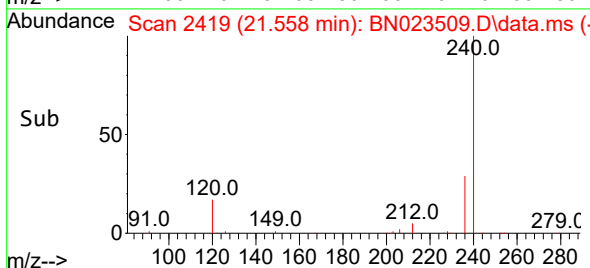
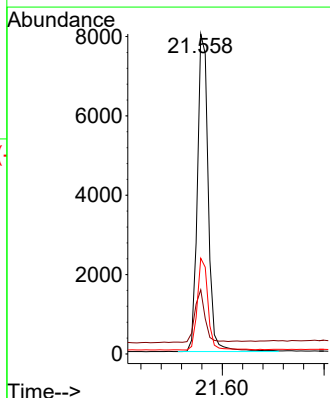
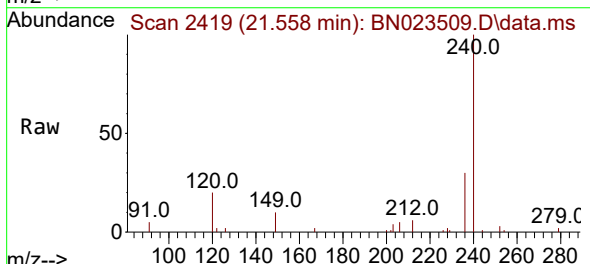
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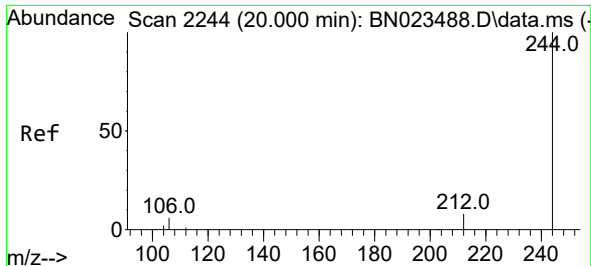
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.558 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BN023509.D
Acq: 28 Dec 2022 05:08

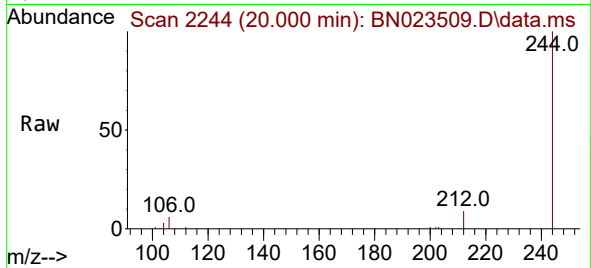
Tgt Ion:240 Resp: 11869
Ion Ratio Lower Upper
240 100
120 20.1 8.9 13.3#
236 29.9 22.5 33.7





#31
 Terphenyl-d14
 Concen: 0.673 ng
 RT: 20.000 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023509.D
 Acq: 28 Dec 2022 05:08

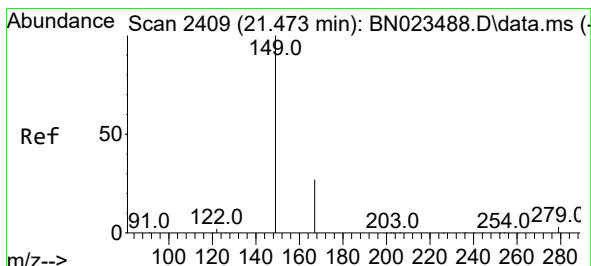
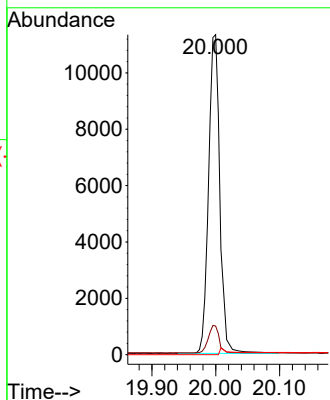
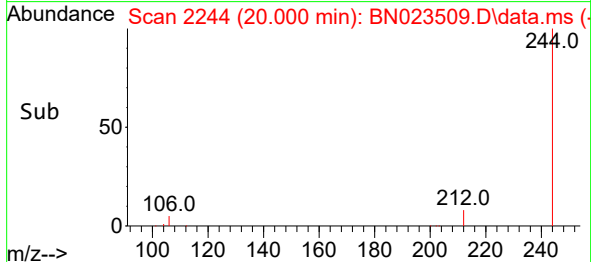
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221215



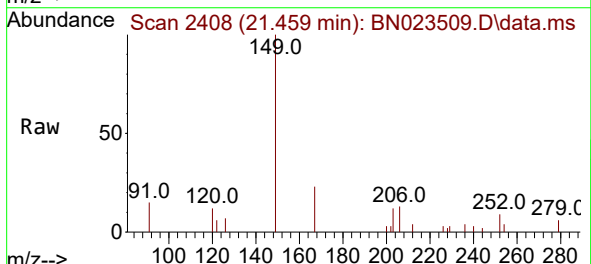
Tgt Ion:244 Resp: 18620
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.4 11.0
 122 0.0 0.0 0.0

Manual Integrations
 APPROVED

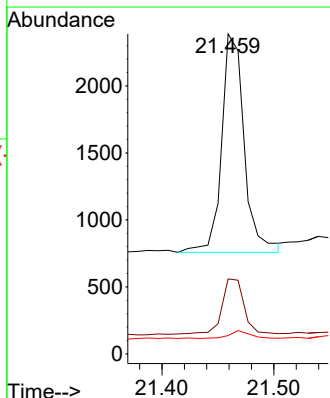
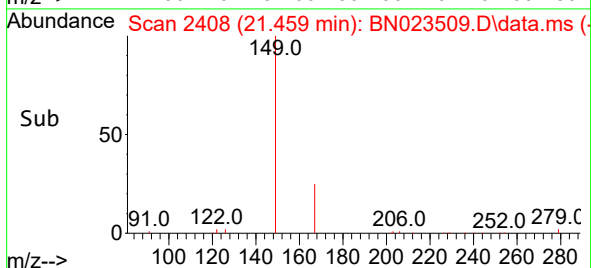
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

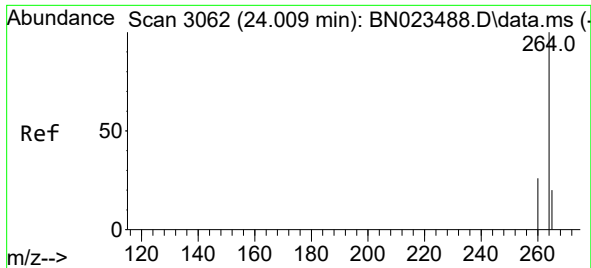


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.459 min Scan# 2408
 Delta R.T. -0.014 min
 Lab File: BN023509.D
 Acq: 28 Dec 2022 05:08



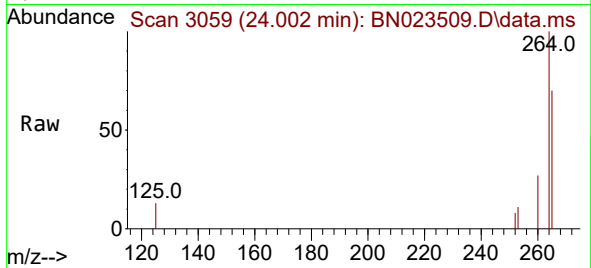
Tgt Ion:149 Resp: 2290
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.6
 279 3.1 2.2 3.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.002 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BN023509.D
 Acq: 28 Dec 2022 05:08

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221215



Tgt Ion:264 Resp: 9419
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.1 31.7
 265 70.2 48.9 73.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

