

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021538.D
 Acq On : 01 Sep 2022 22:57
 Operator : CG/JU
 Sample : N4357-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 01:01:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4649	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	14386	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7763	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	15791	0.400	ng	0.00
29) Chrysene-d12	21.664	240	9440	0.400	ng	0.00
35) Perylene-d12	24.179	264	6262	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1621	0.178	ng	0.00
5) Phenol-d6	7.217	99	1172	0.101	ng	0.00
8) Nitrobenzene-d5	9.243	82	3404m	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	12287	0.379	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	681	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	18983	0.559	ng	0.00
27) Fluoranthene-d10	19.501	212	16680	0.411	ng	0.00
31) Terphenyl-d14	20.088	244	13676	0.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	46693	8.030	ng	# 90
9) Naphthalene	10.952	128	2567	0.060	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.557	149	1715	0.129	ng	# 99

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

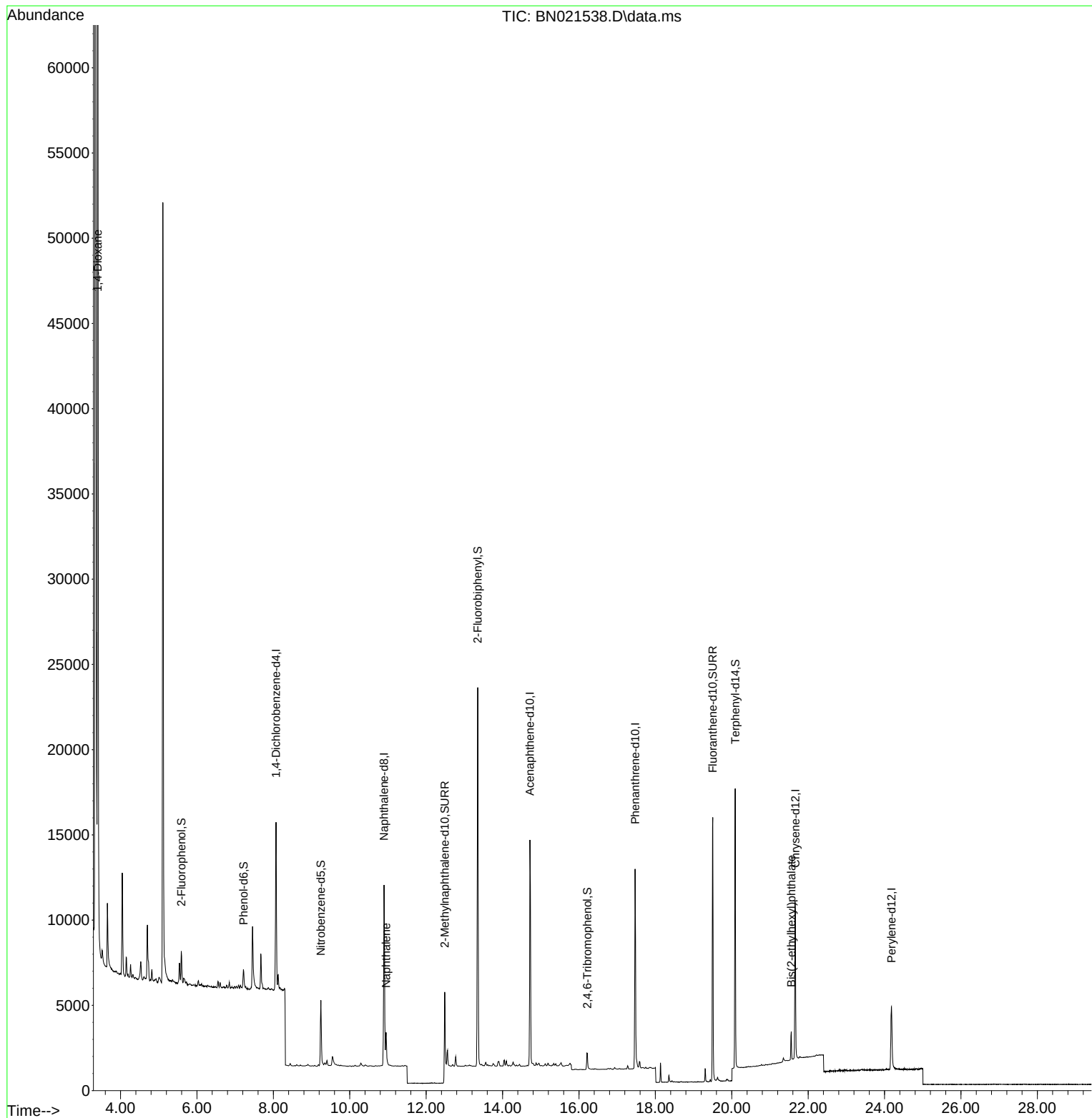
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021538.D
Acq On : 01 Sep 2022 22:57
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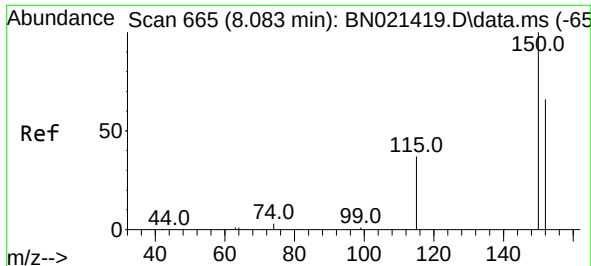
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823

Quant Time: Sep 02 01:01:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

Manual Integrations
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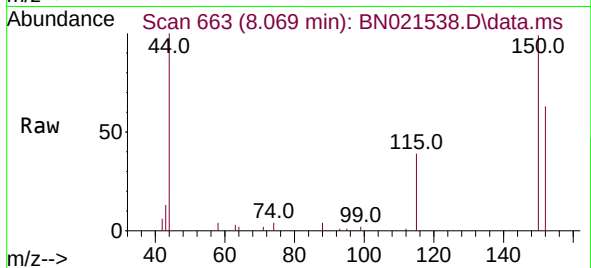
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

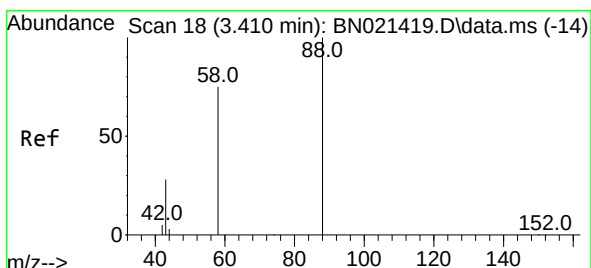
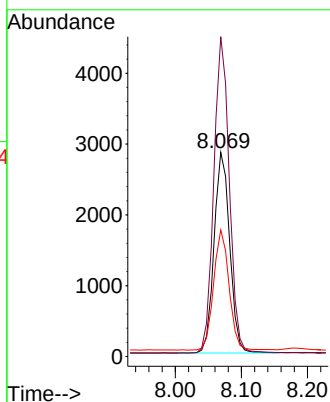
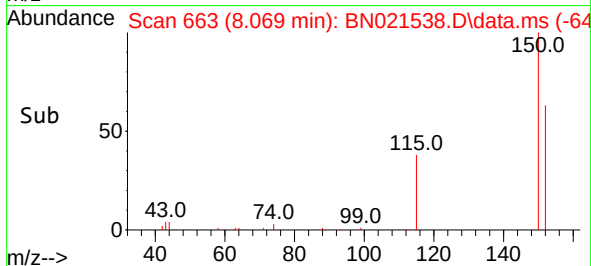
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823



Tgt Ion: 152 Resp: 4649
Ion Ratio Lower Upper
152 100
150 156.7 121.4 182.0
115 62.0 48.6 72.8

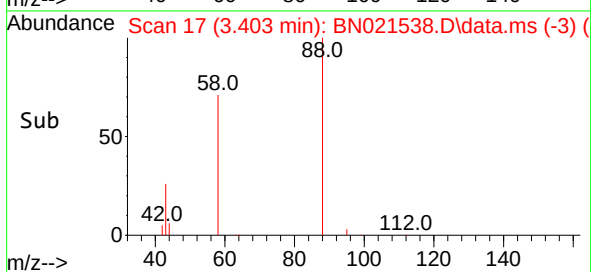
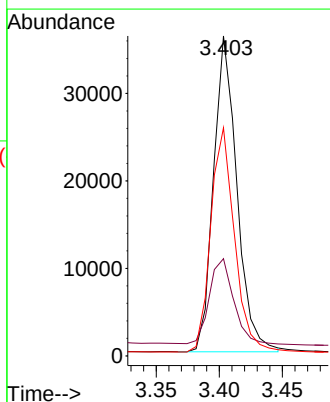
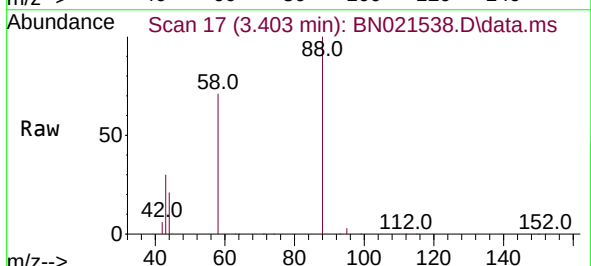
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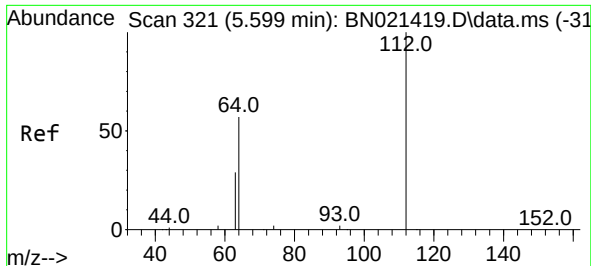
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#2
1,4-Dioxane
Concen: 8.030 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

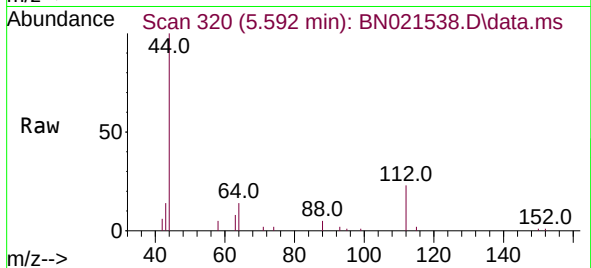
Tgt Ion: 88 Resp: 46693
Ion Ratio Lower Upper
88 100
43 28.0 35.8 53.8
58 72.1 57.1 85.7





#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

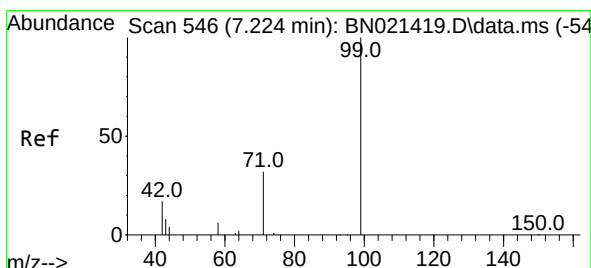
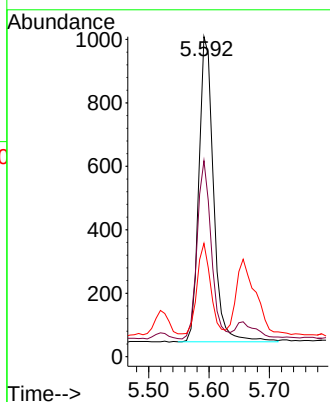
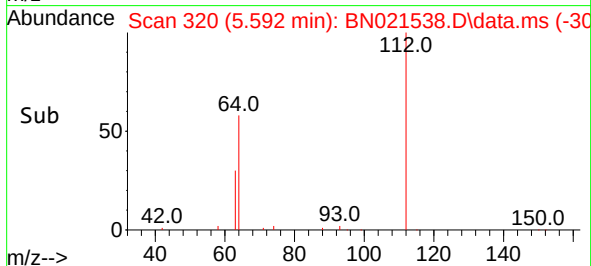
Instrument :
BNA_N
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RE134D3-20220823



Tgt Ion:112 Resp: 162
Ion Ratio Lower Upper
112 100
64 56.6 43.5 65.3
63 27.3 22.6 34.0

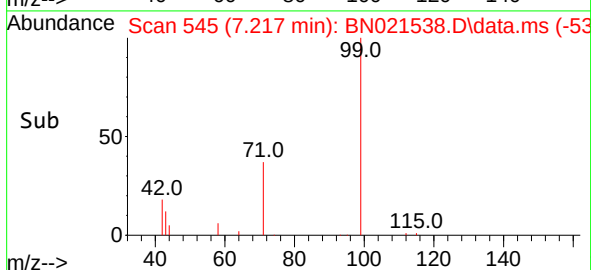
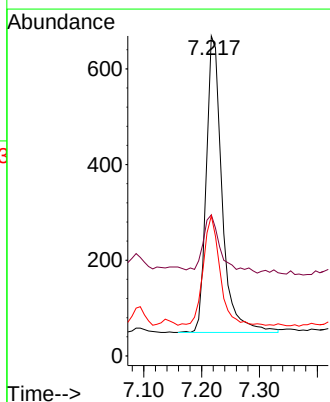
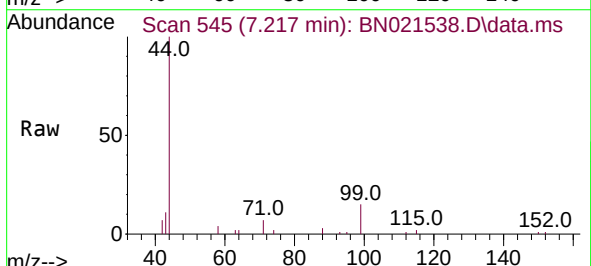
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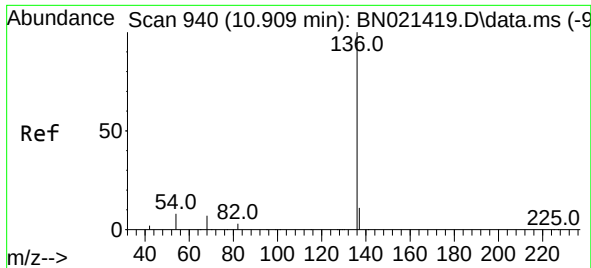
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#5
Phenol-d6
Concen: 0.101 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

Tgt Ion: 99 Resp: 1172
Ion Ratio Lower Upper
99 100
42 22.1 15.5 23.3
71 39.0 24.2 36.2#





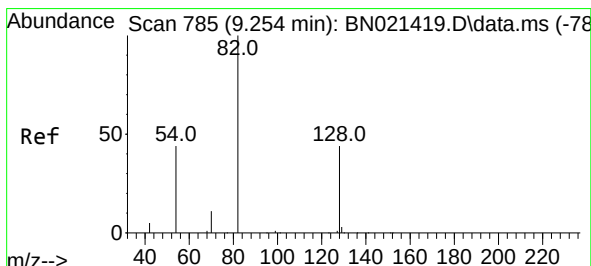
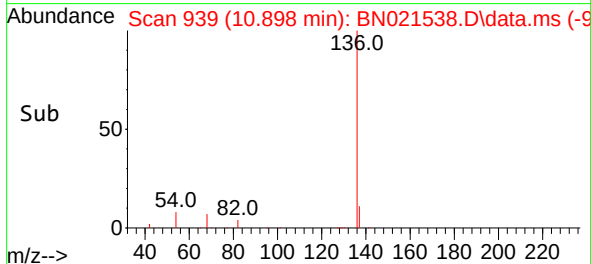
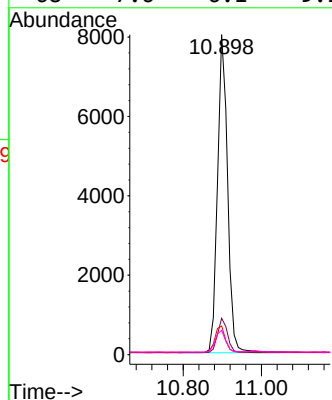
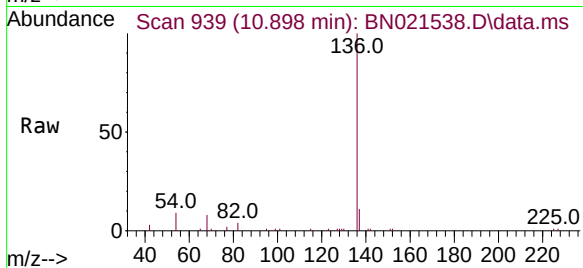
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823

Tgt Ion:136	Resp:	14386
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	8.9	6.9 10.3
68	7.6	6.1 9.1

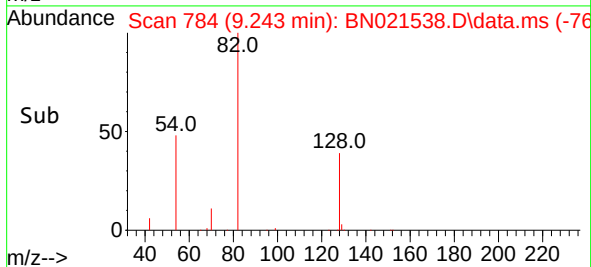
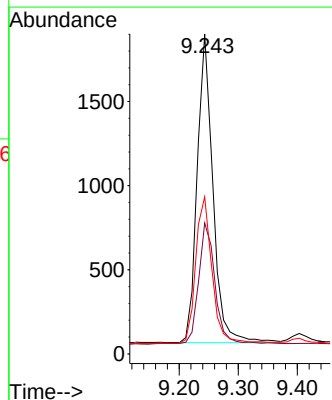
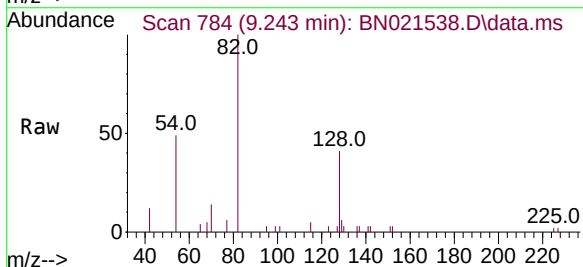
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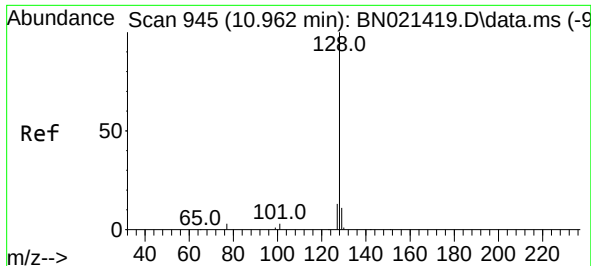
Reviewed By :Christian Giraldo 09/02/2022
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#8
Nitrobenzene-d5
Concen: 0.350 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

Tgt Ion: 82	Resp:	3404
Ion Ratio	Lower	Upper
82	100	
128	40.9	30.9 46.3
54	49.1	42.7 64.1





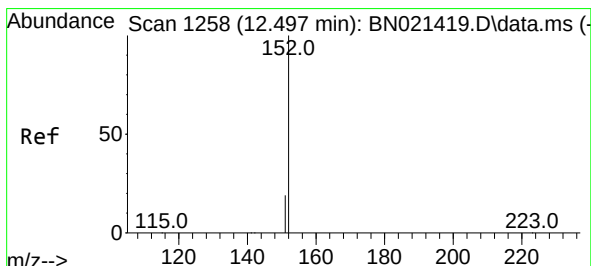
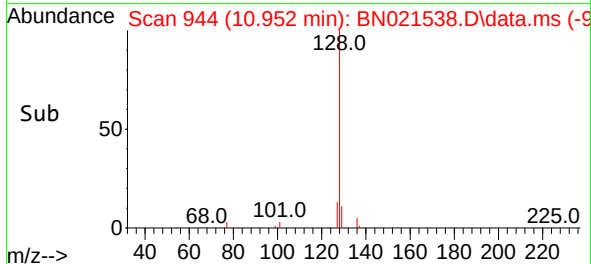
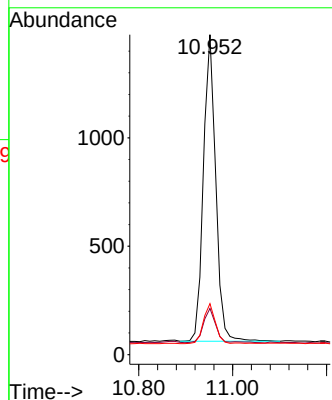
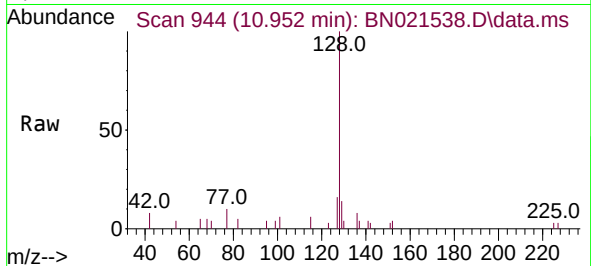
#9
Naphthalene
Concen: 0.060 ng
RT: 10.952 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823

Tgt Ion:128 Resp: 2562
Ion Ratio Lower Upper
128 100
129 14.4 9.3 13.9
127 15.9 11.0 16.4

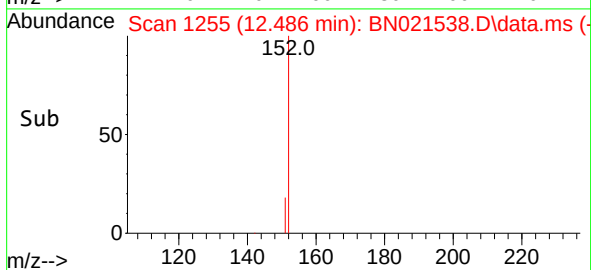
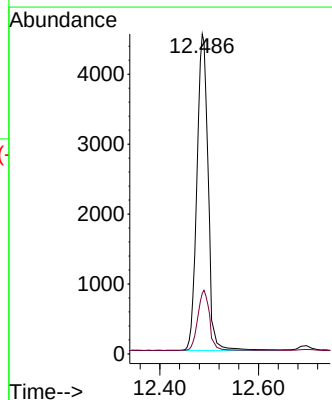
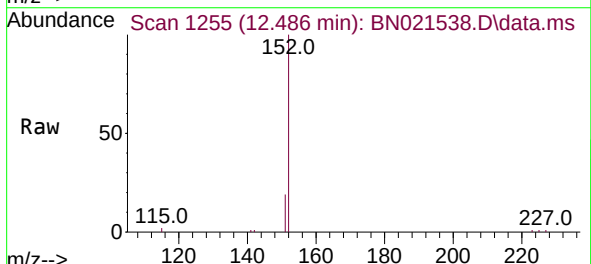
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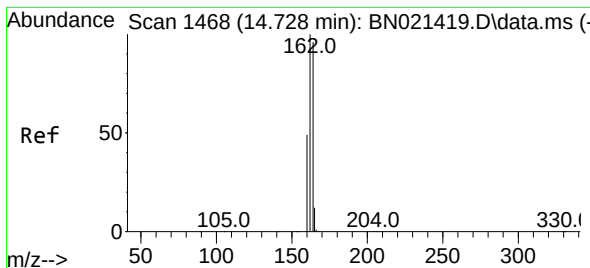
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.486 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

Tgt Ion:152 Resp: 12287
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.718 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BN021538.D

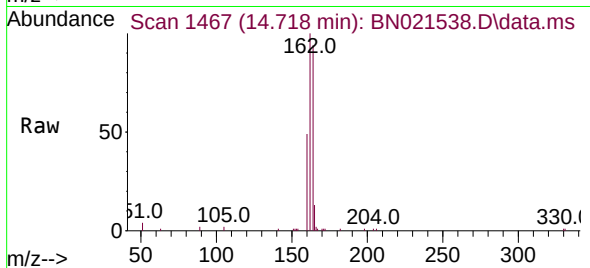
Acq: 01 Sep 2022 22:57

Instrument :

BNA_N

ClientSampleId :

RE134D3-20220823



Tgt Ion:164 Resp: 776

Ion Ratio Lower Upper

164 100

162 106.9 82.2 123.4

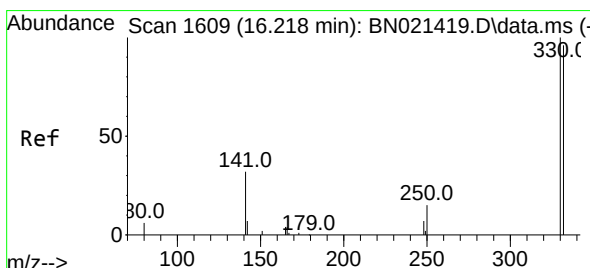
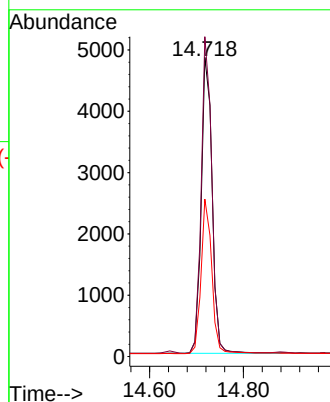
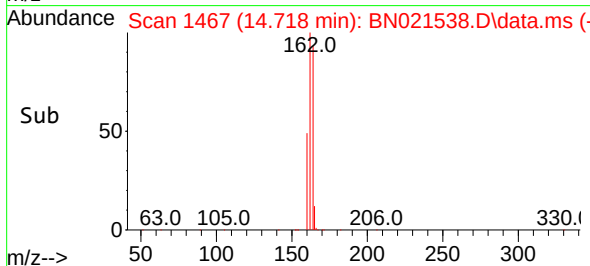
160 52.6 39.5 59.3

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.267 ng

RT: 16.218 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BN021538.D

Acq: 01 Sep 2022 22:57

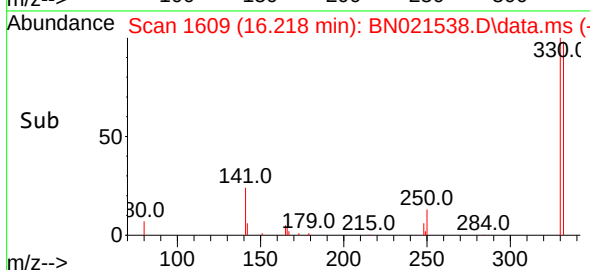
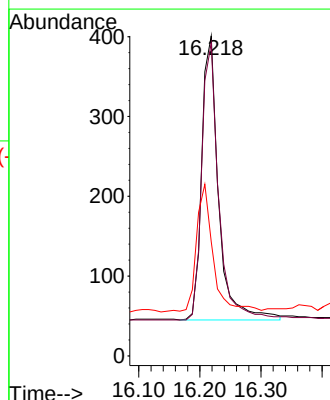
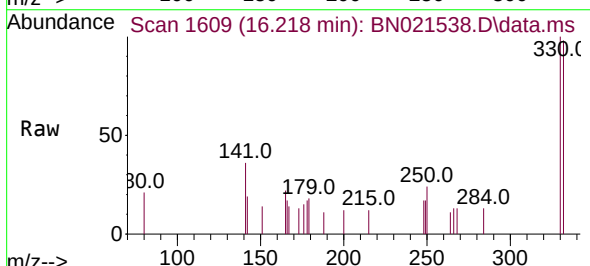
Tgt Ion:330 Resp: 681

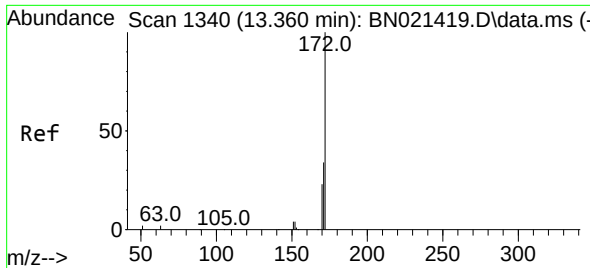
Ion Ratio Lower Upper

330 100

332 97.2 79.3 118.9

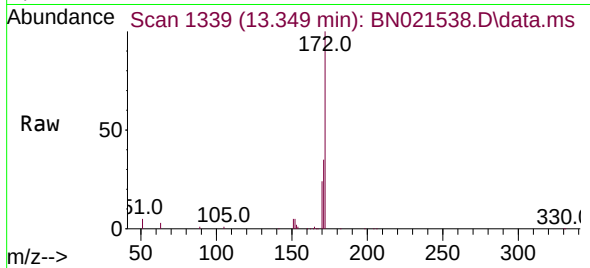
141 44.3 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.559 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

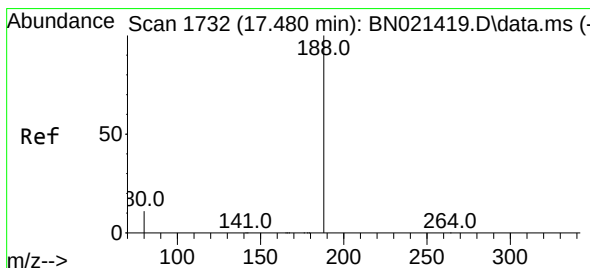
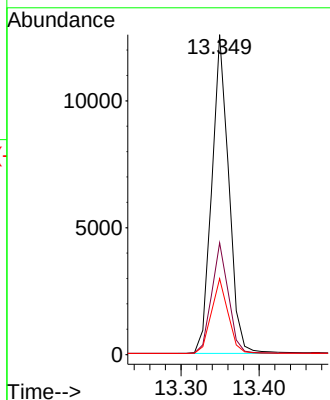
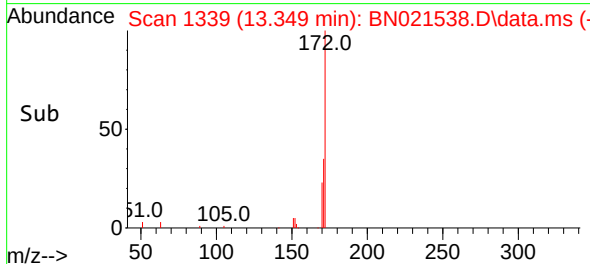
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823



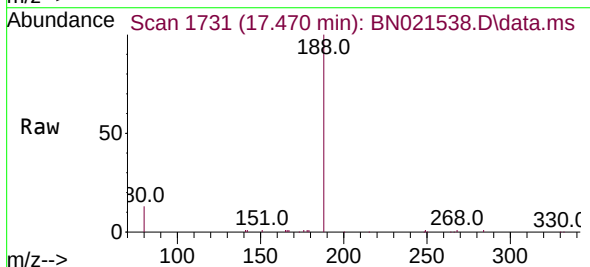
Tgt Ion:172 Resp: 18983
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.7 18.6 28.0

Manual Integrations
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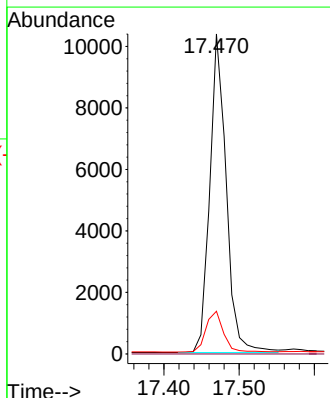
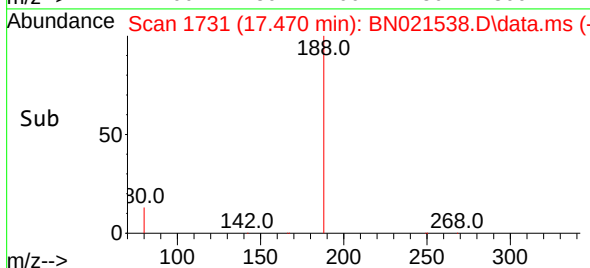
Reviewed By :Christian Giraldo 09/02/2022
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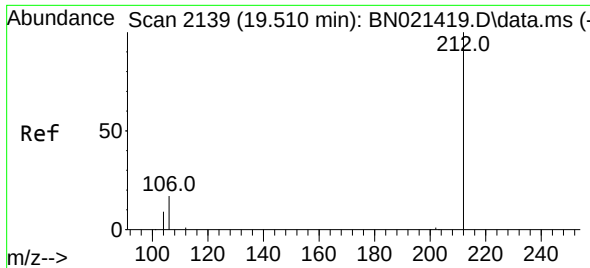


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57



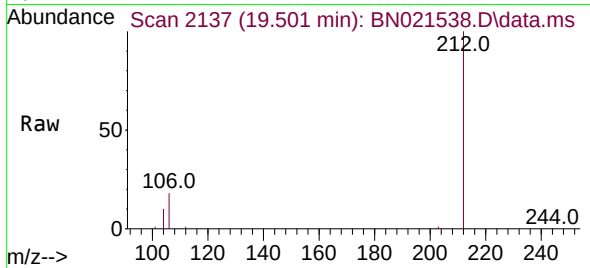
Tgt Ion:188 Resp: 15791
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

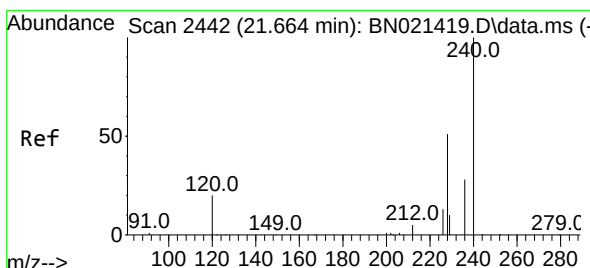
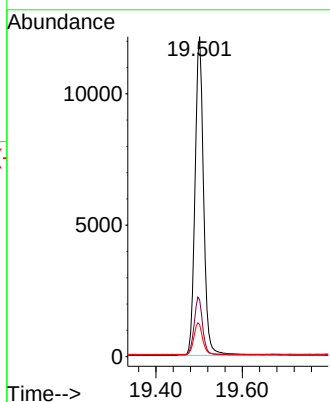
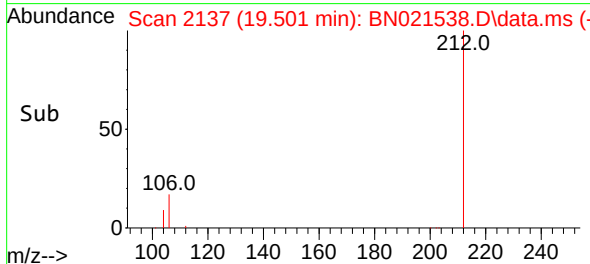
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823



Tgt Ion:212 Resp: 16680
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.0 7.8 11.6

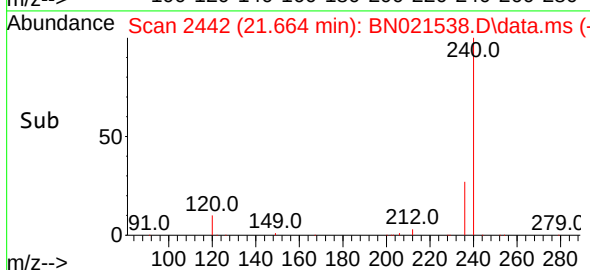
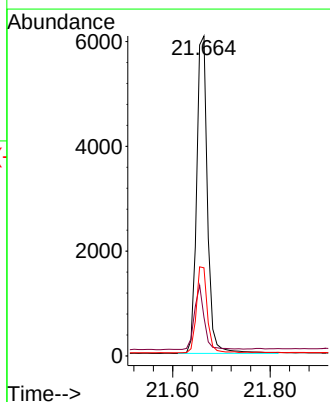
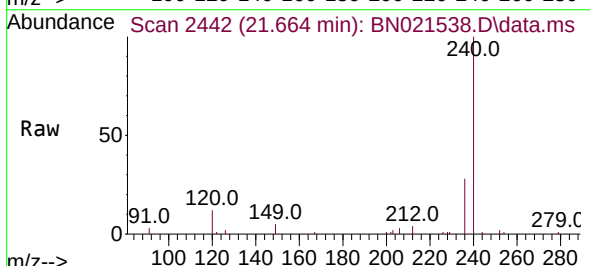
Manual Integrations
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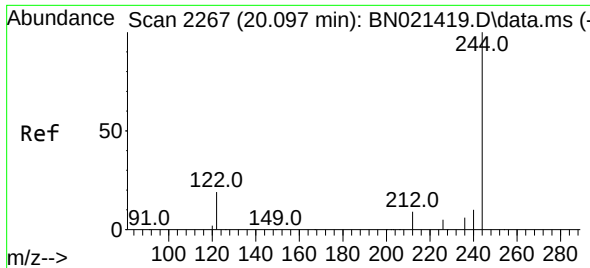
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021538.D
Acq: 01 Sep 2022 22:57

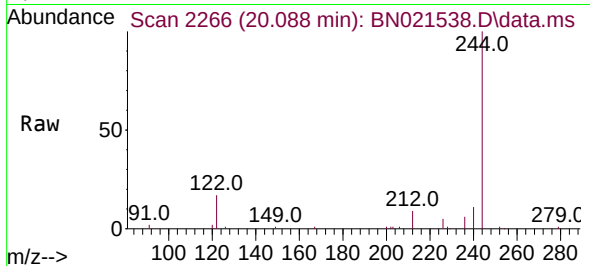
Tgt Ion:240 Resp: 9440
Ion Ratio Lower Upper
240 100
120 12.1 10.2 15.4
236 27.5 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.645 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021538.D
 Acq: 01 Sep 2022 22:57

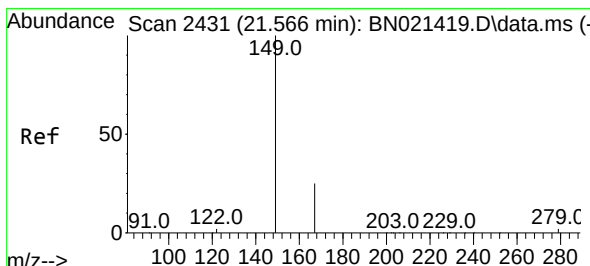
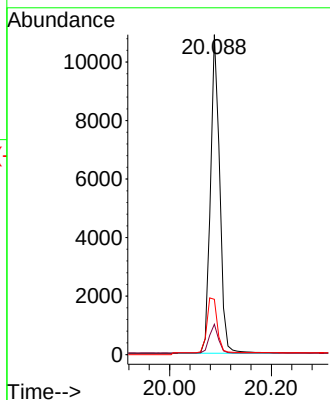
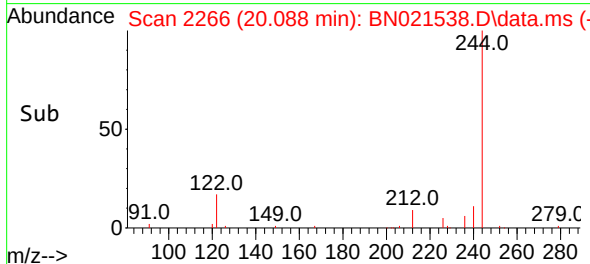
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823



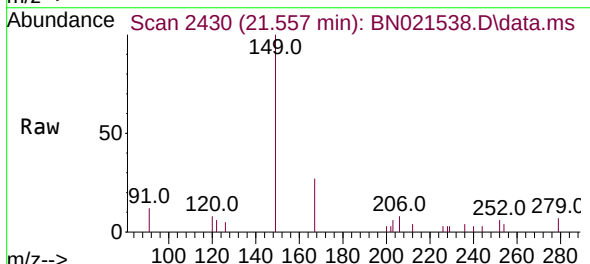
Tgt Ion:244 Resp: 13676
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.5 9.7
 122 17.3 9.1 13.7

Manual Integrations
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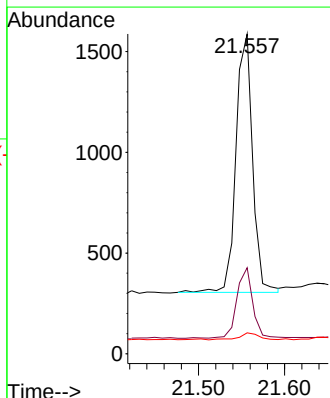
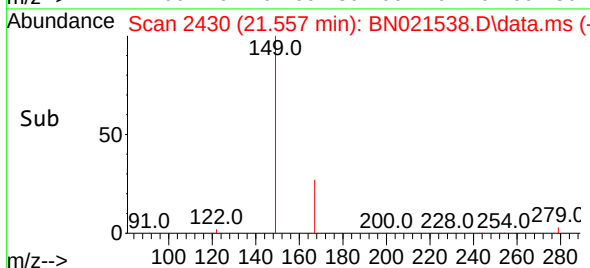
Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022

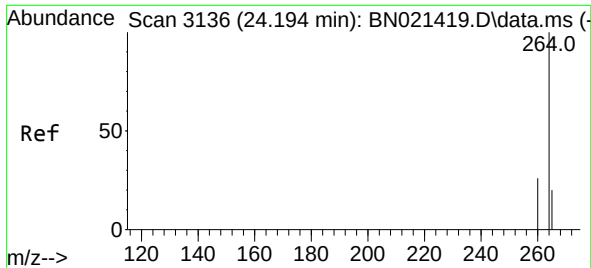


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021538.D
 Acq: 01 Sep 2022 22:57



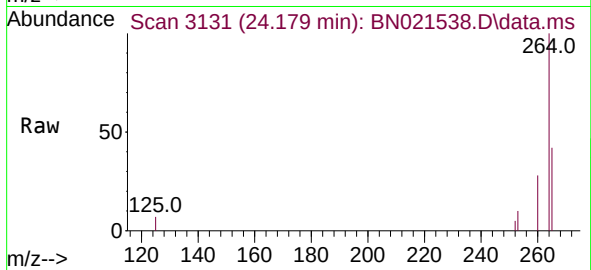
Tgt Ion:149 Resp: 1715
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.4 32.0
 279 3.3 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.179 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021538.D
 Acq: 01 Sep 2022 22:57

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823



Tgt Ion:	264	Resp:	6262
Ion Ratio	Lower	Upper	
264	100		
260	27.7	21.0	31.6
265	42.4	32.2	48.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022

