

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021533.D
 Acq On : 01 Sep 2022 19:52
 Operator : CG/JU
 Sample : N4360-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 02 01:00:23 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	5247	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16469	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9009	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	18788	0.400	ng	# 0.00
29) Chrysene-d12	21.664	240	11449	0.400	ng	0.00
35) Perylene-d12	24.182	264	7629	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	228	0.022	ng	0.00
5) Phenol-d6	7.224	99	172	0.013	ng	0.00
8) Nitrobenzene-d5	9.254	82	538m	0.048	ng	0.01
11) 2-Methylnaphthalene-d10	12.493	152	1797	0.048	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	81	0.027	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	2884	0.073	ng	0.01
27) Fluoranthene-d10	19.506	212	2613	0.054	ng	0.00
31) Terphenyl-d14	20.097	244	1932	0.075	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	9693	1.477	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.557	149	465	0.029	ng	# 97

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

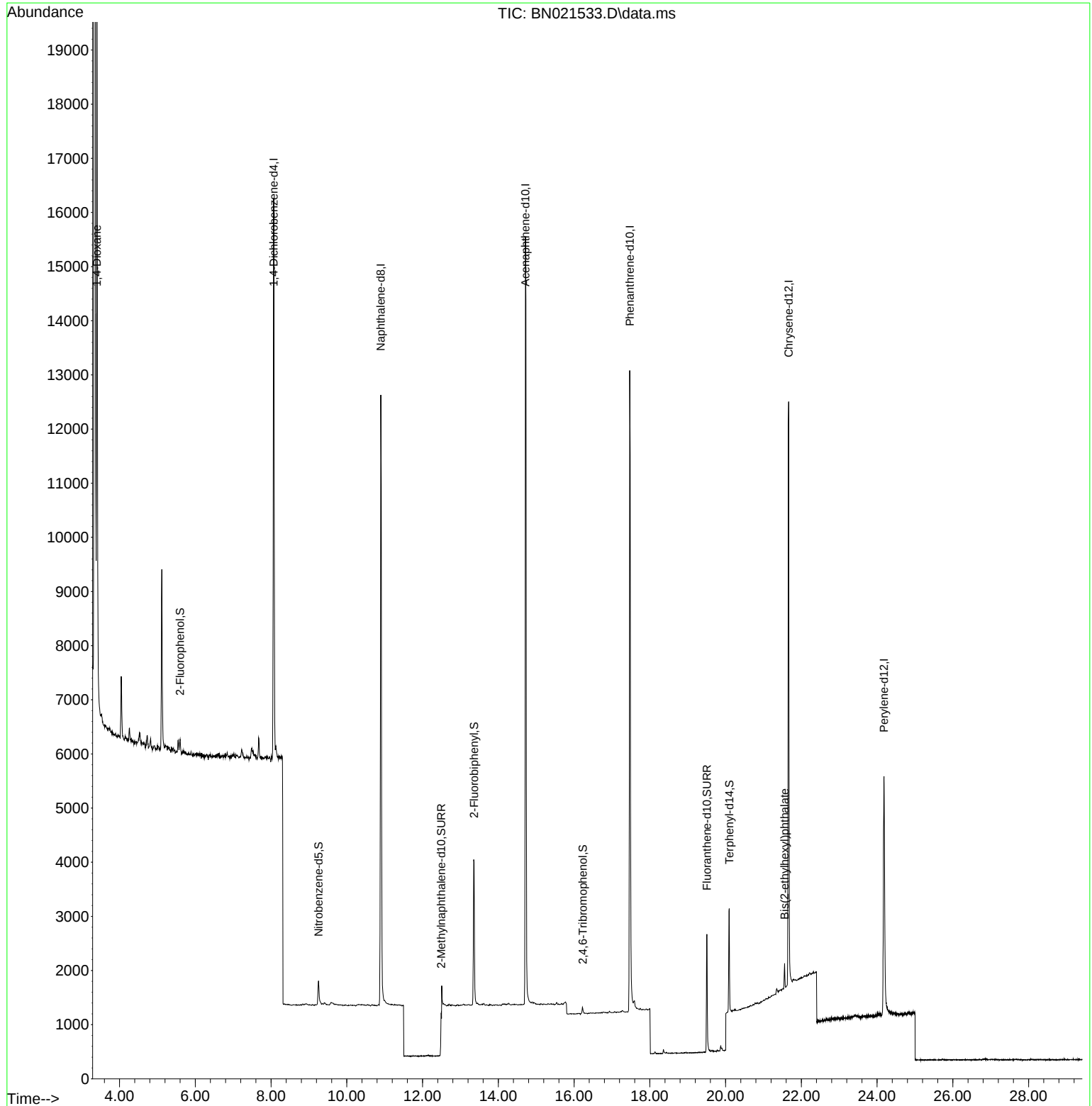
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021533.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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APPROVED

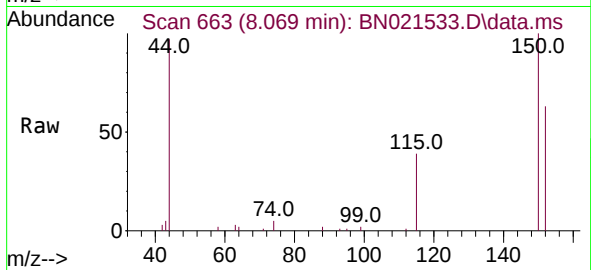
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

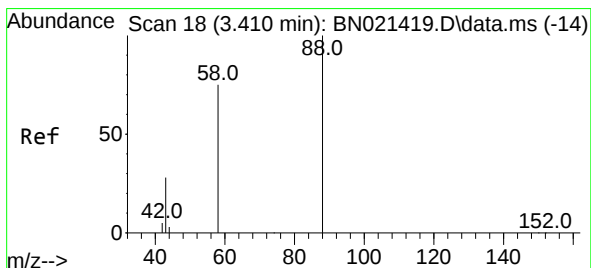
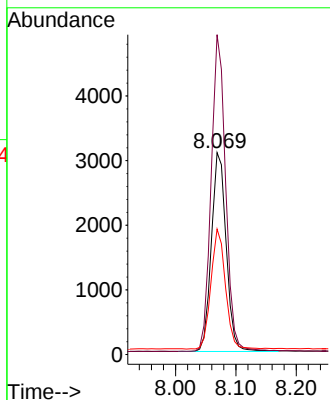
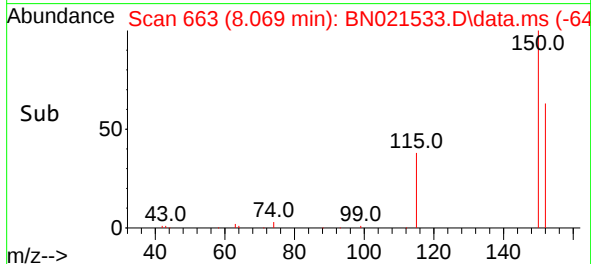
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824DL



Tgt Ion: 152 Resp: 524
Ion Ratio Lower Upper
152 100
150 158.5 121.4 182.0
115 62.1 48.6 72.8

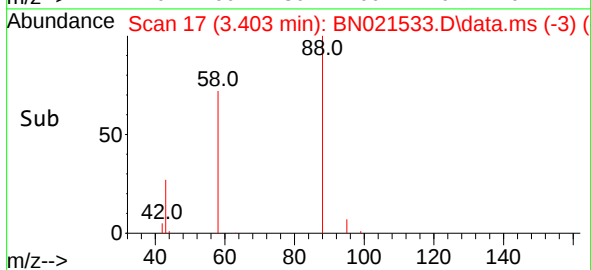
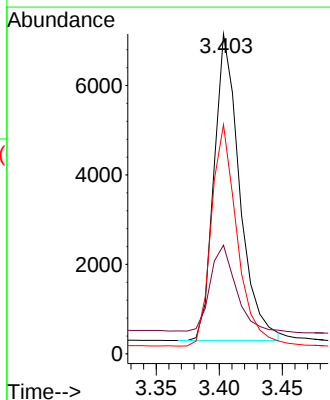
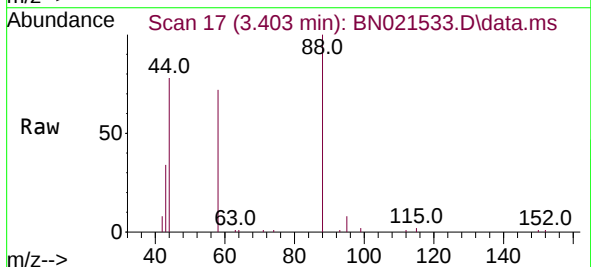
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Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#2
1,4-Dioxane
Concen: 1.477 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

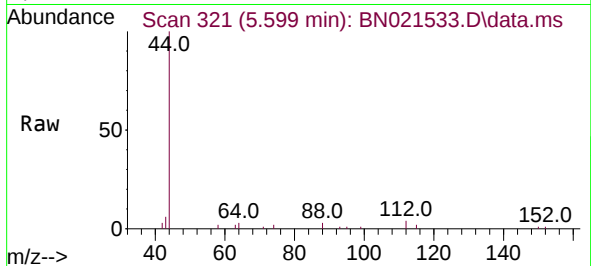
Tgt Ion: 88 Resp: 9693
Ion Ratio Lower Upper
88 100
43 27.9 35.8 53.8
58 72.9 57.1 85.7





#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.007 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

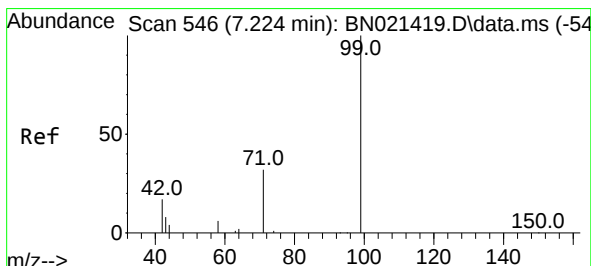
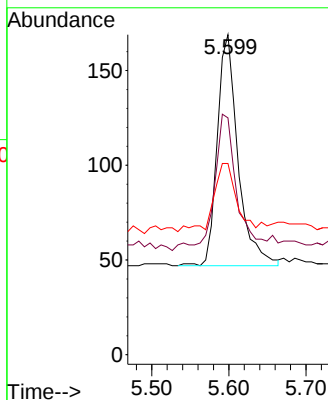
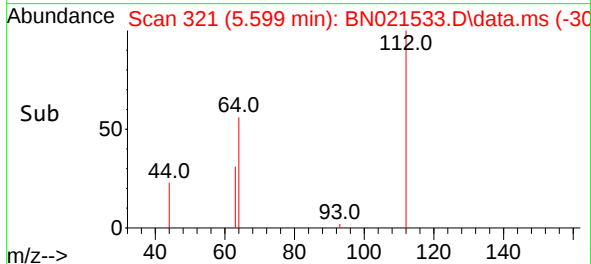
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824DL



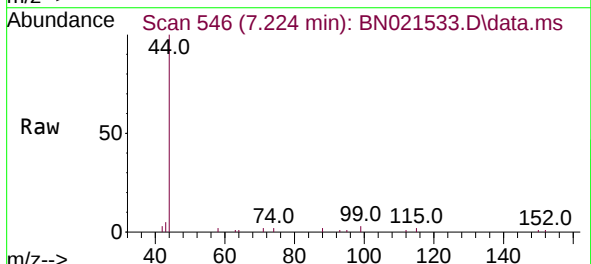
Tgt Ion: 112 Resp: 228
Ion Ratio Lower Upper
112 100
64 56.6 43.5 65.3
63 32.5 22.6 34.0

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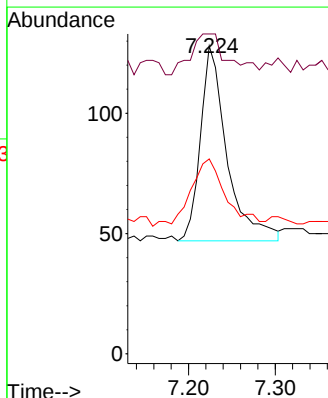
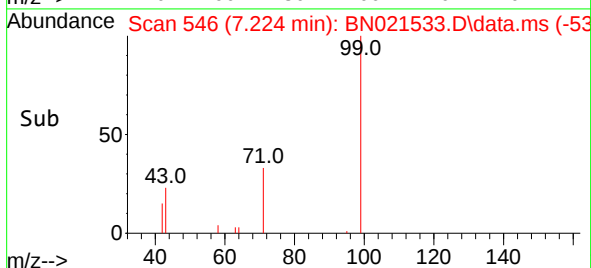
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#5
Phenol-d6
Concen: 0.013 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52



Tgt Ion: 99 Resp: 172
Ion Ratio Lower Upper
99 100
42 29.1 15.5 23.3#
71 43.0 24.2 36.2#





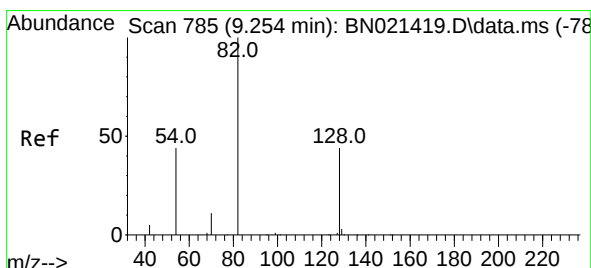
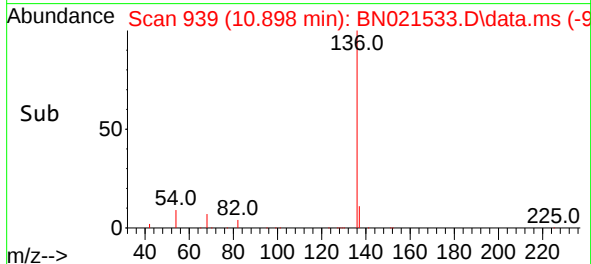
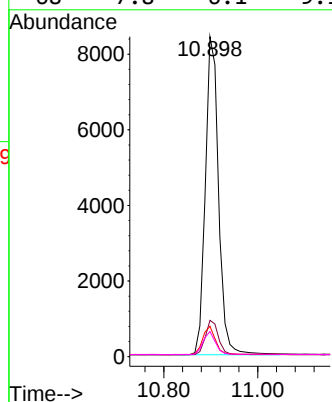
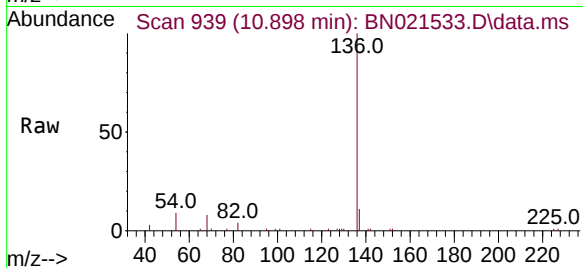
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824DL

Tgt Ion:136 Resp: 16469
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 9.5 6.9 10.3
68 7.8 6.1 9.1

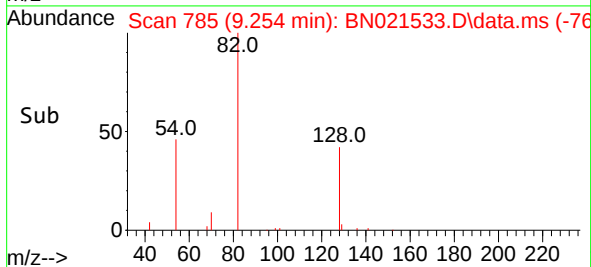
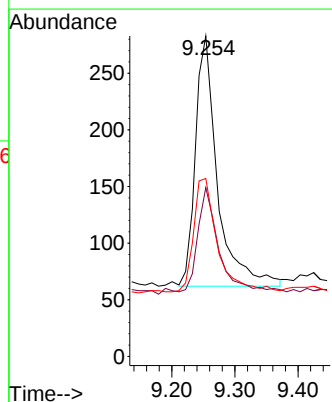
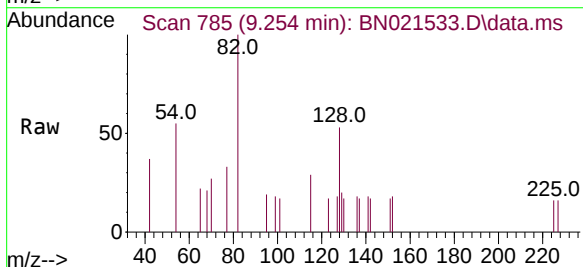
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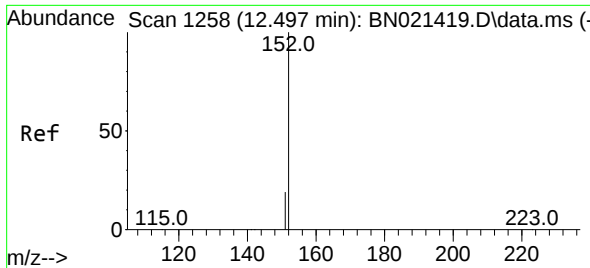
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#8
Nitrobenzene-d5
Concen: 0.048 ng m
RT: 9.254 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

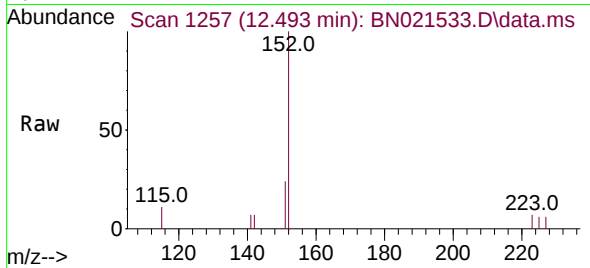
Tgt Ion: 82 Resp: 538
Ion Ratio Lower Upper
82 100
128 52.7 30.9 46.3#
54 55.5 42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.048 ng
RT: 12.493 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

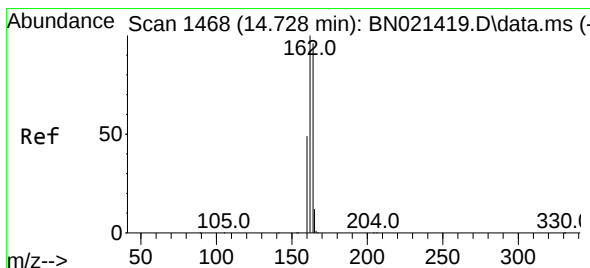
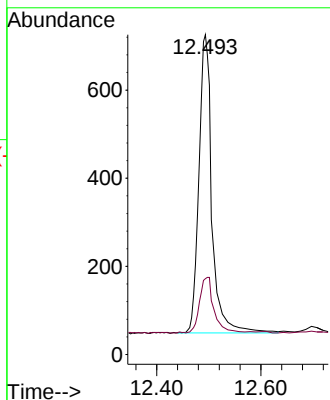
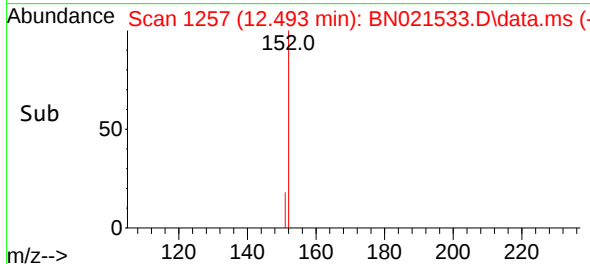
Instrument :
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RE125D2-20220824DL



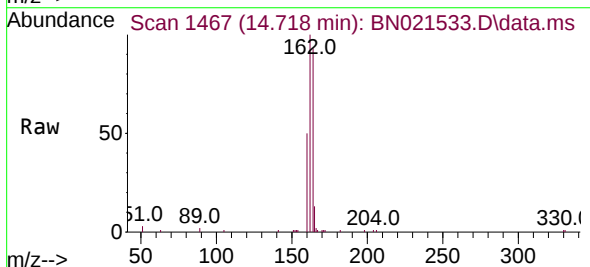
Tgt Ion:152 Resp: 179
Ion Ratio Lower Upper
152 100
151 17.5 14.5 21.7

Manual Integrations
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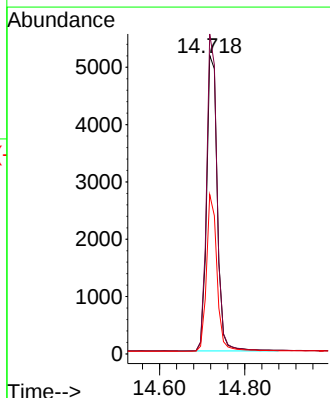
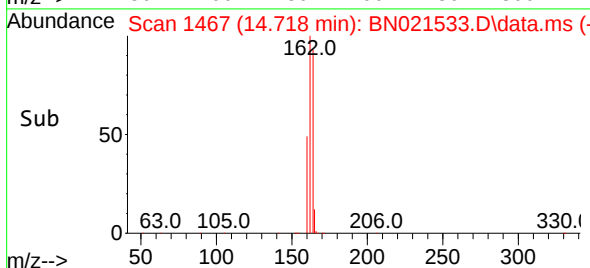
Reviewed By :Christian Giraldo 09/02/2022
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52



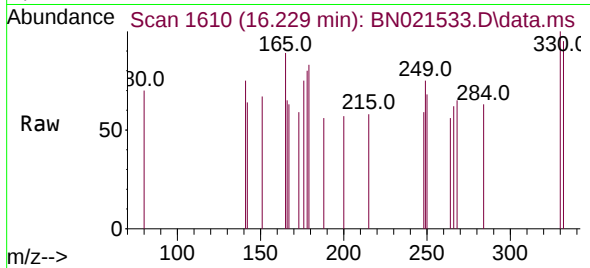
Tgt Ion:164 Resp: 9009
Ion Ratio Lower Upper
164 100
162 107.2 82.2 123.4
160 53.4 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 16.229 min Scan# 1609
Delta R.T. 0.010 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

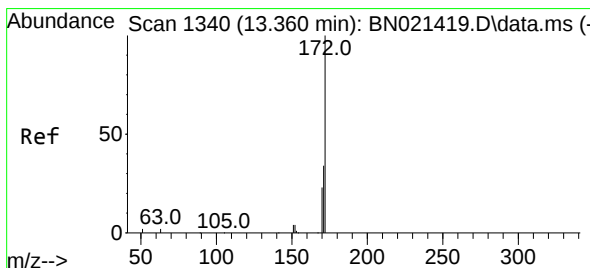
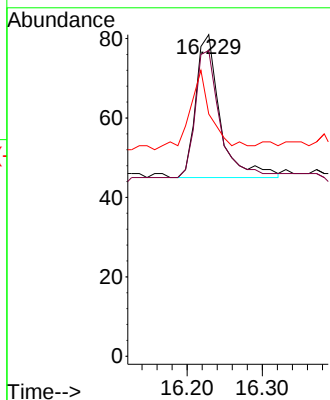
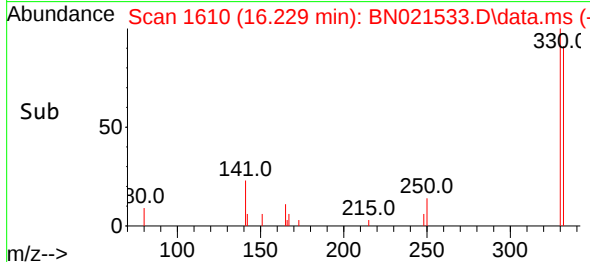
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824DL



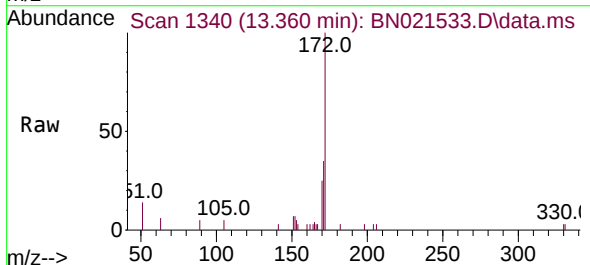
Tgt Ion: 330 Resp: 81
Ion Ratio Lower Upper
330 100
332 90.1 79.3 118.9
141 49.4 37.1 55.7

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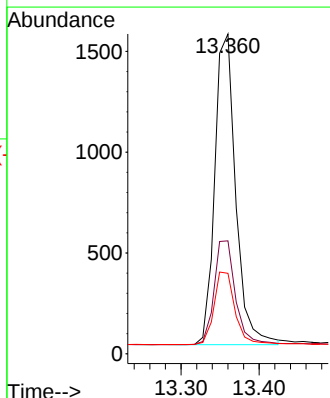
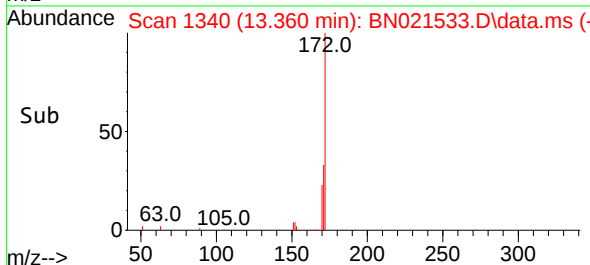
Reviewed By : Christian Giraldo 09/02/2022
Supervised By : Jagrut Upadhyay 09/02/2022

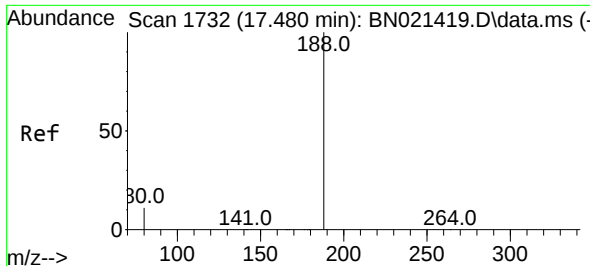


#15
2-Fluorobiphenyl
Concen: 0.073 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.011 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52



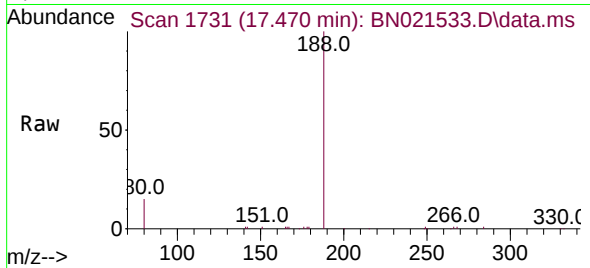
Tgt Ion: 172 Resp: 2884
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 25.1 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

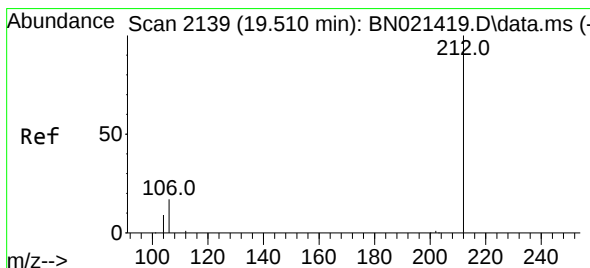
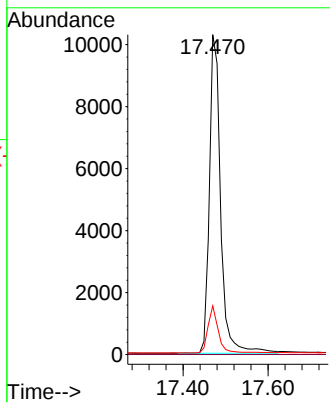
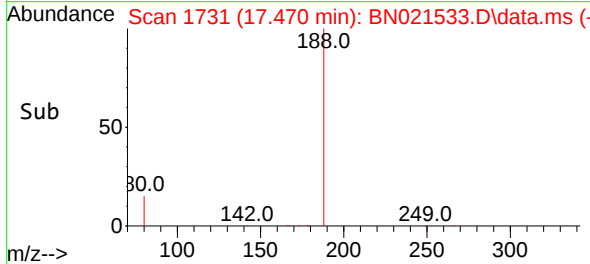
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824DL



Tgt Ion:188 Resp: 18788
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 9.5 14.3

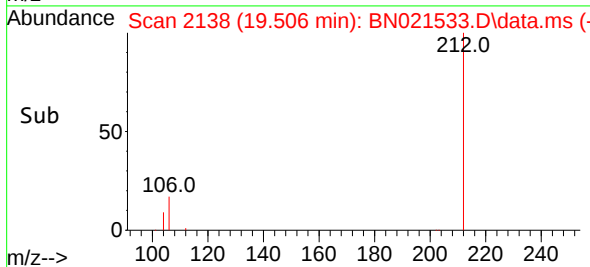
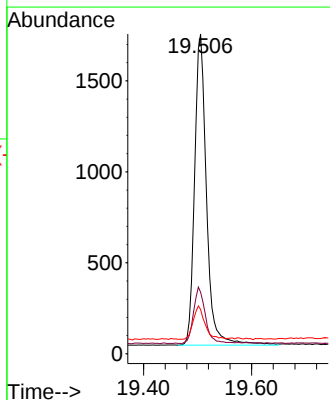
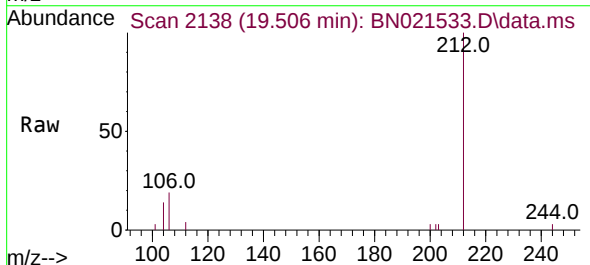
Manual Integrations
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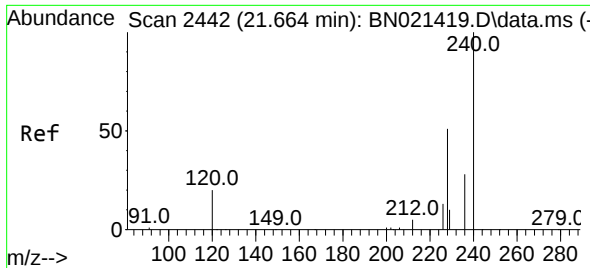
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#27
Fluoranthene-d10
Concen: 0.054 ng
RT: 19.506 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

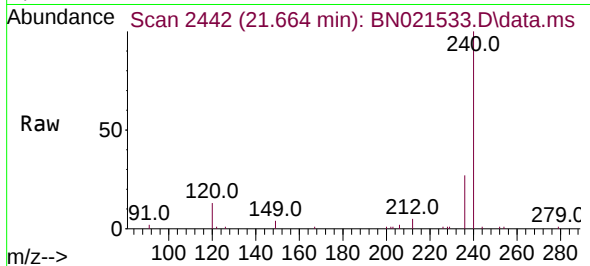
Tgt Ion:212 Resp: 2613
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.4 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

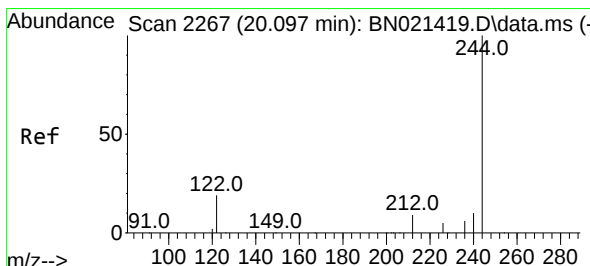
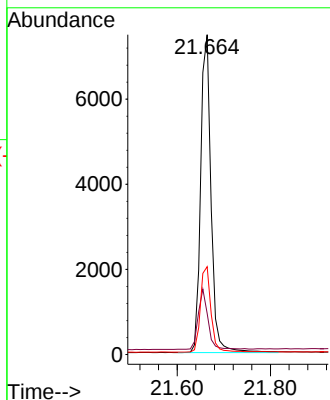
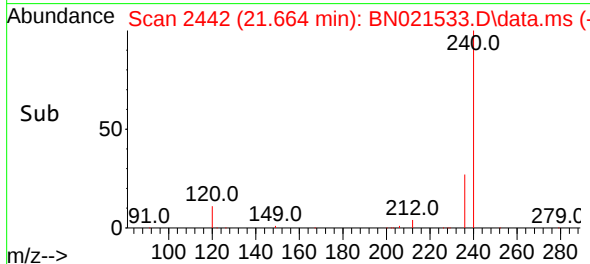
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824DL



Tgt Ion:240 Resp: 11449
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.4
236 27.5 22.1 33.1

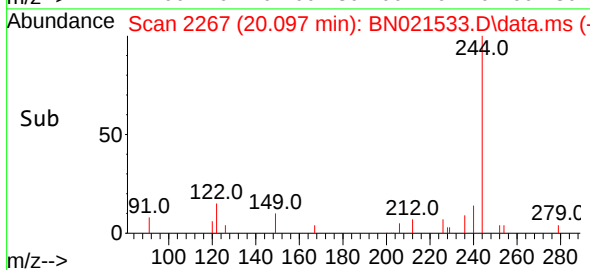
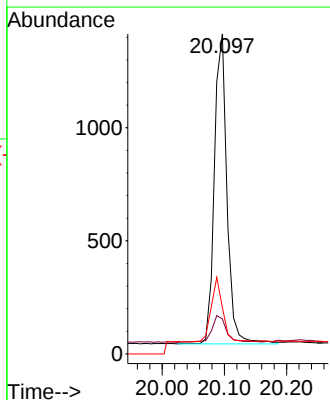
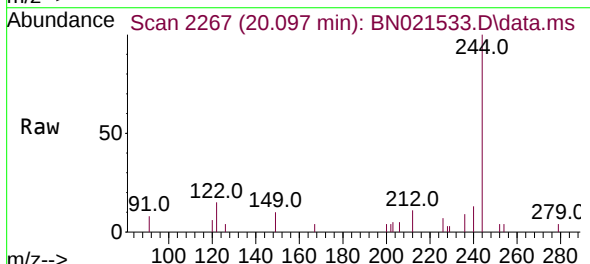
Manual Integrations
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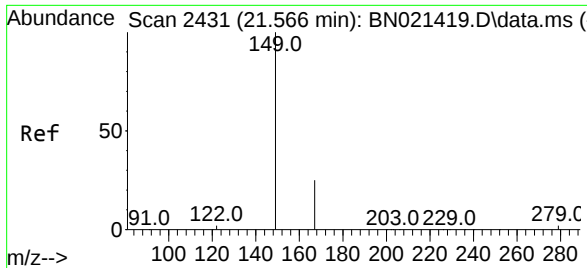
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#31
Terphenyl-d14
Concen: 0.075 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021533.D
Acq: 01 Sep 2022 19:52

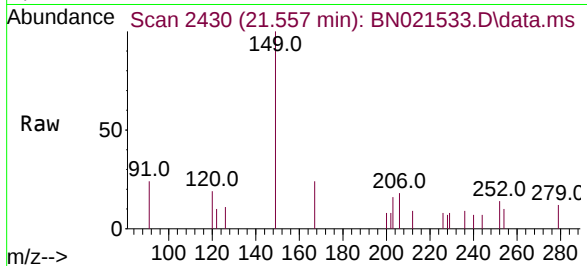
Tgt Ion:244 Resp: 1932
Ion Ratio Lower Upper
244 100
212 11.0 6.5 9.7#
122 14.6 9.1 13.7#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021533.D
 Acq: 01 Sep 2022 19:52

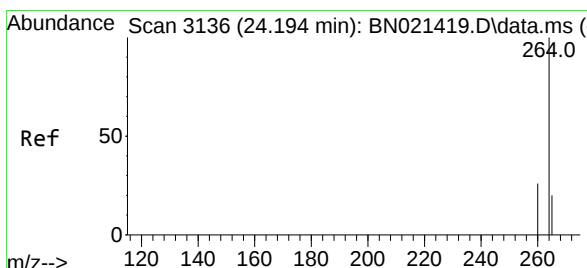
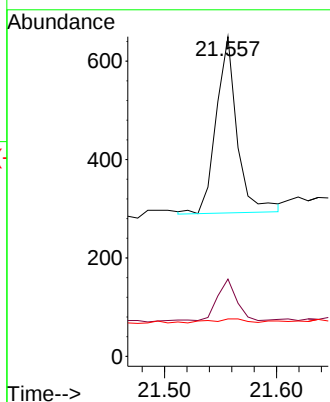
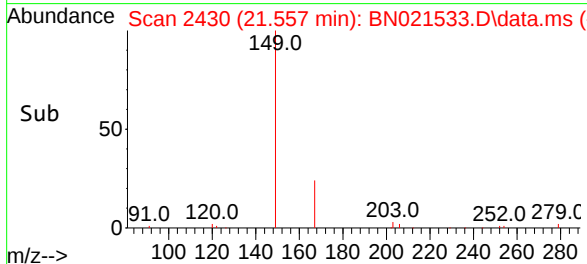
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824DL



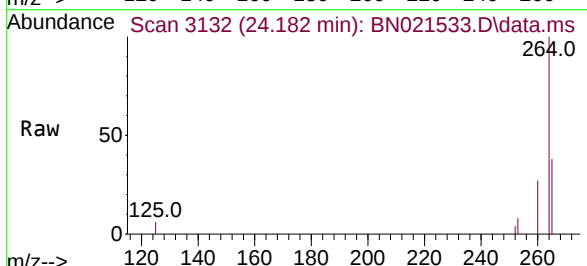
Tgt Ion:149 Resp: 465
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 3.7 2.2 3.2

Manual Integrations
 APPROVED

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



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.182 min Scan# 3132
 Delta R.T. -0.003 min
 Lab File: BN021533.D
 Acq: 01 Sep 2022 19:52



Tgt Ion:264 Resp: 7629
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.0 31.6
 265 37.8 32.2 48.2

