

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013293.D
 Acq On : 23 Dec 2020 04:27
 Operator : CG/JU
 Sample : L5124-04DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20201211DL

Manual Integrations
 APPROVED

mohammad
 12/24/2020 10:42:24 AM

Quant Time: Dec 23 05:03:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	550	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1762	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1286	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3016	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3078	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3382	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	85	0.04	ng	0.02
5) Phenol-d6	6.637	99	40m	0.02	ng	0.10
8) Nitrobenzene-d5	8.591	82	214	0.12	ng	0.09
11) 2-Methylnaphthalene-d10	11.733	152	369	0.12	ng	0.03
14) 2,4,6-Tribromophenol	15.539	330	102	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	629	0.12	ng	0.01
27) Fluoranthene-d10	18.821	212	1638	0.17	ng	0.00
31) Terphenyl-d14	19.431	244	1394	0.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.916	88	3418	3.56	ng	Qvalue # 93

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

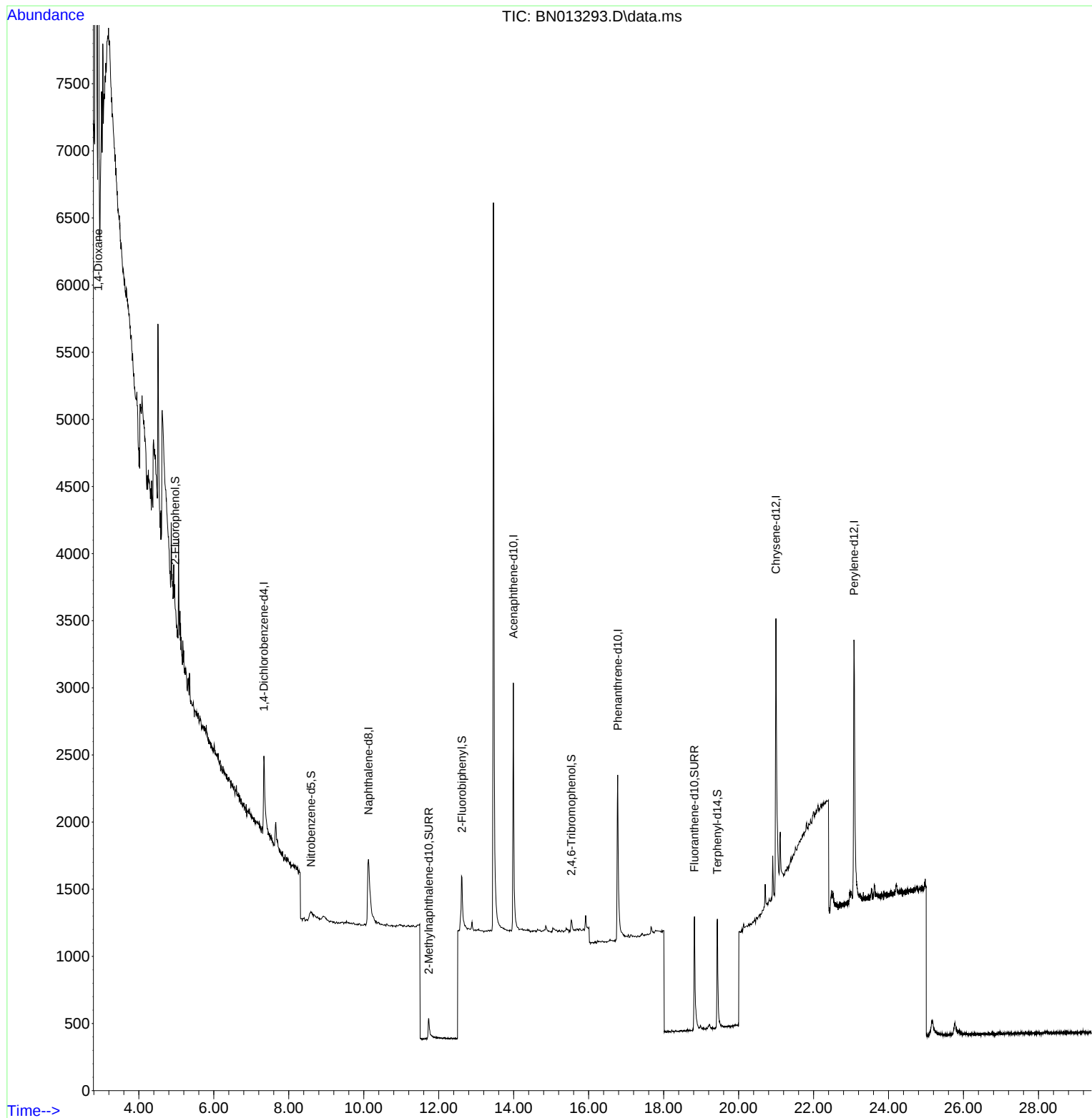
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013293.D
Acq On : 23 Dec 2020 04:27
Operator : CG/JU
Sample : L5124-04DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

Manual Integrations
APPROVED

mohammad
12/24/2020 10:42:24 AM

Quant Time: Dec 23 05:03:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration





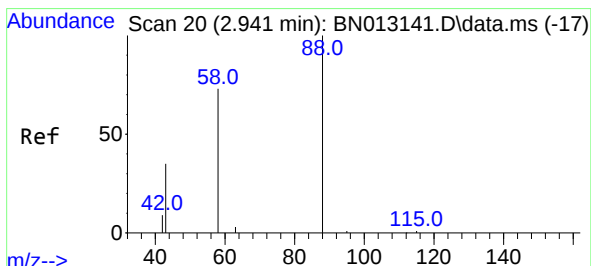
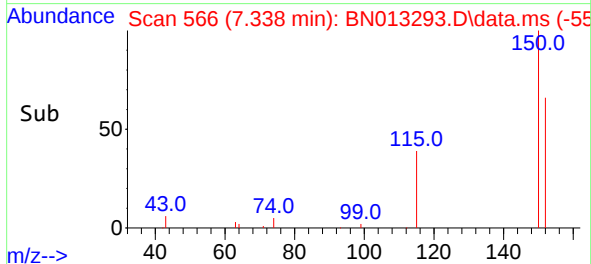
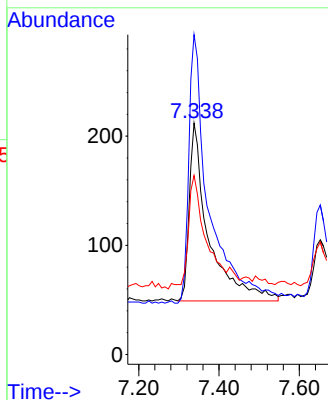
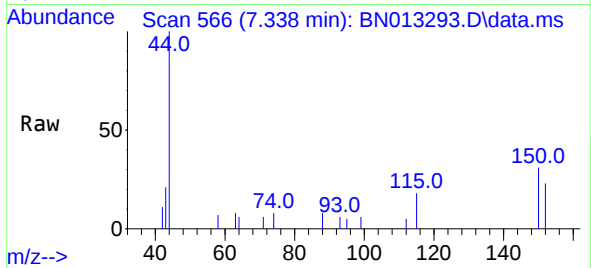
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion: 152 Resp: 550
Ion Ratio Lower Upper
152 100
150 138.2 116.6 174.8
115 77.4 52.9 79.3

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

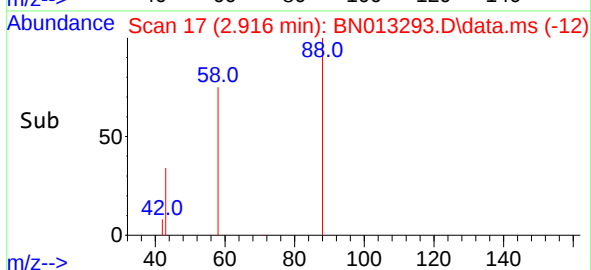
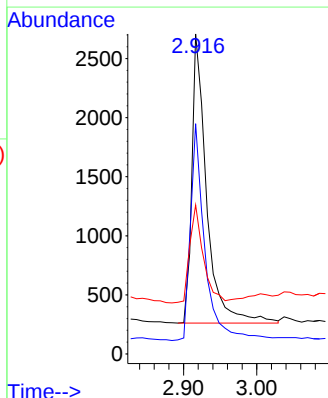
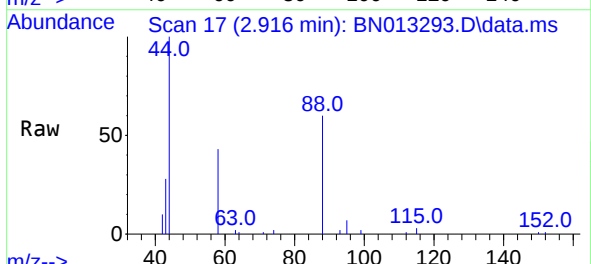
Manual Integrations
APPROVED

mohammad
12/24/2020 10:42:24 AM



#2
1,4-Dioxane
Concen: 3.56 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion: 88 Resp: 3418
Ion Ratio Lower Upper
88 100
58 72.8 59.4 89.2
43 30.7 32.3 48.5#





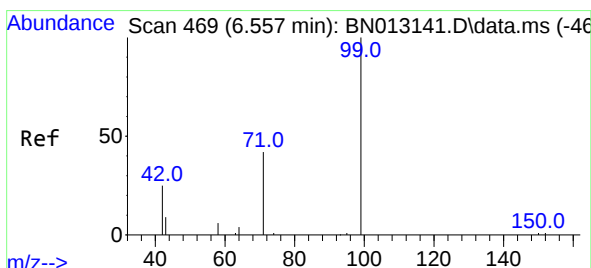
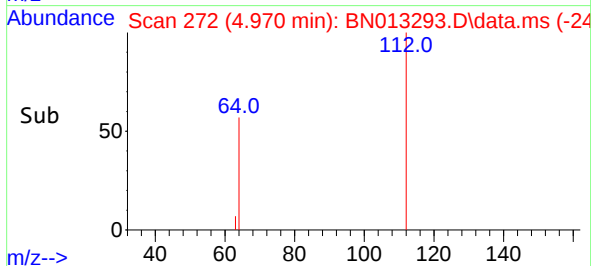
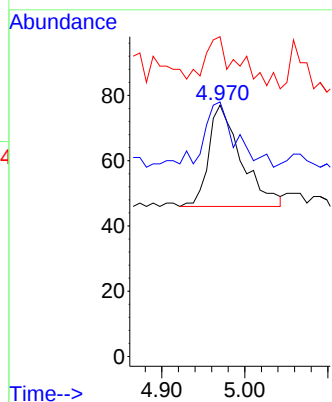
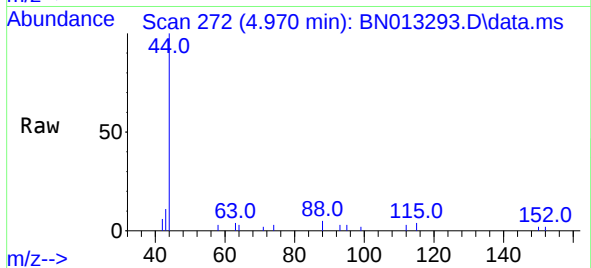
#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.016 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion: 112 Resp: 85
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 55.3 32.0 48.0#

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

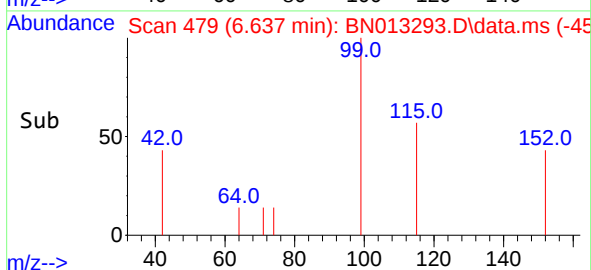
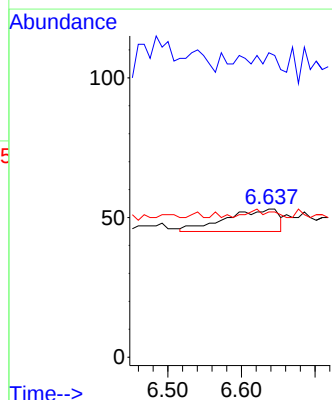
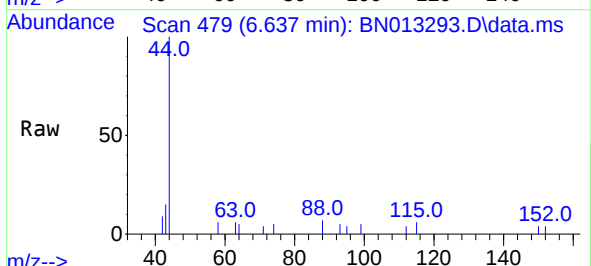
Manual Integrations
APPROVED

mohammad
12/24/2020 10:42:24 AM



#5
Phenol-d6
Concen: 0.02 ng m
RT: 6.637 min Scan# 479
Delta R.T. 0.097 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

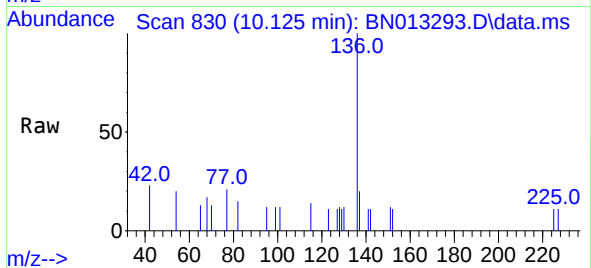
Tgt Ion: 99 Resp: 40
Ion Ratio Lower Upper
99 100
42 5.0 22.4 33.6#
71 0.0 37.8 56.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

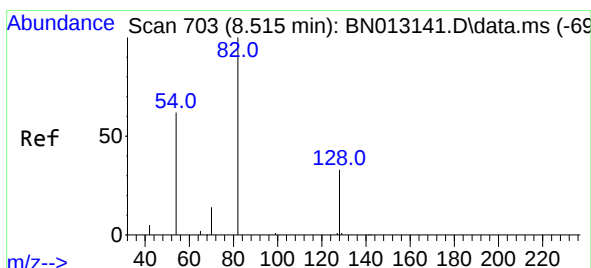
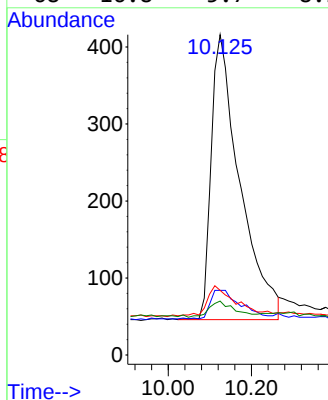
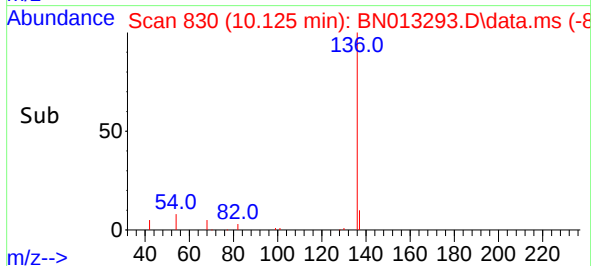


Tgt Ion: 136 Resp: 1762

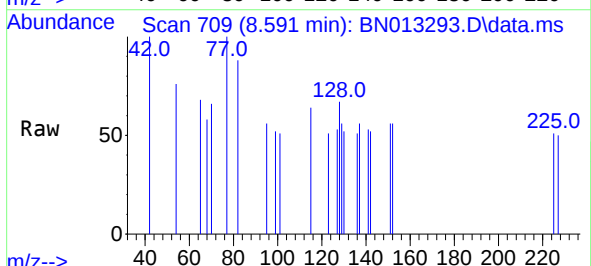
Ion	Ratio	Lower	Upper
136	100		
137	20.2	10.6	15.8#
54	20.2	8.6	12.8#
68	16.8	5.7	8.5#

Manual Integrations
APPROVED

mohammad
12/24/2020 10:42:24 AM

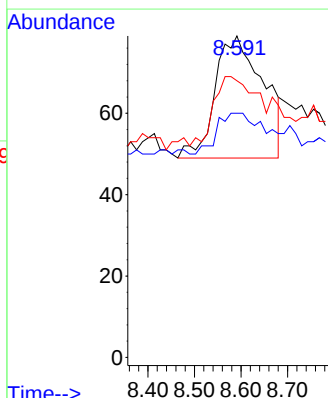
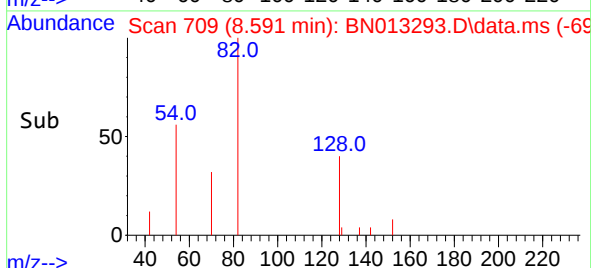


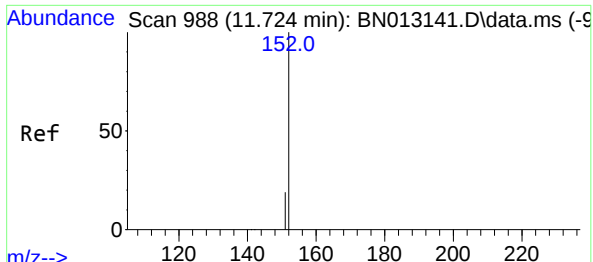
#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27



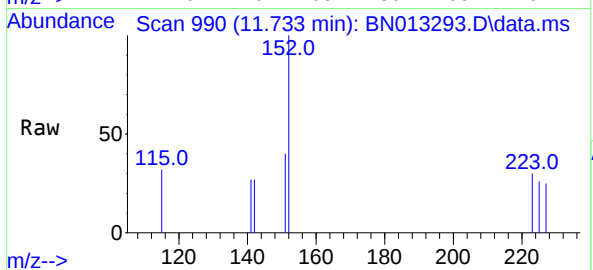
Tgt Ion: 82 Resp: 214

Ion	Ratio	Lower	Upper
82	100		
128	75.9	30.6	46.0#
54	86.1	48.3	72.5#

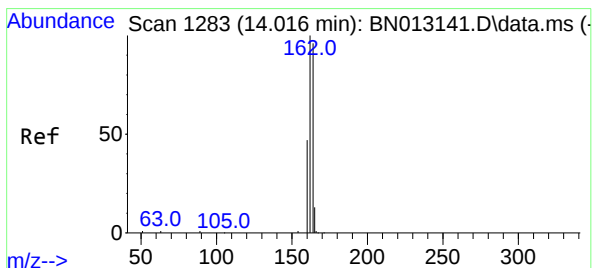
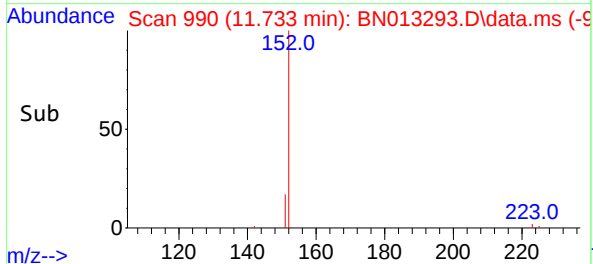
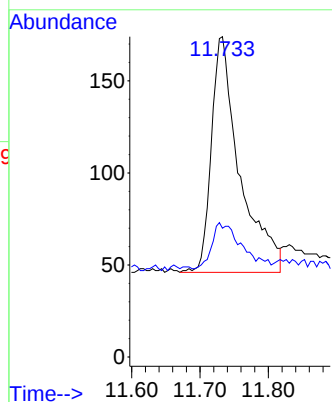




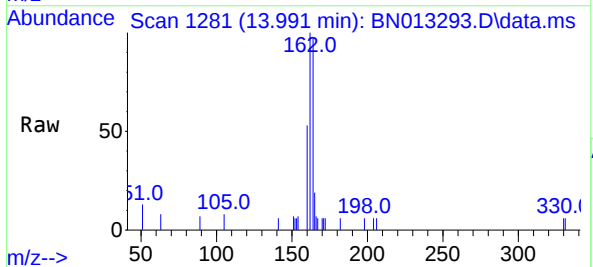
#11
2-Methylnaphthalene-d10
Concen: 0.12 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.027 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27



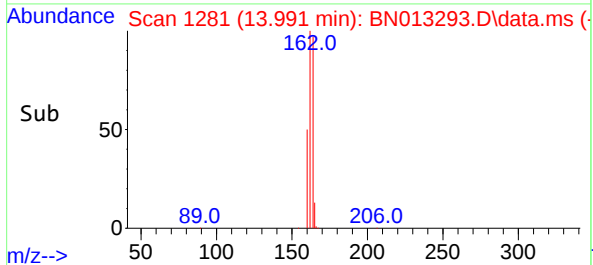
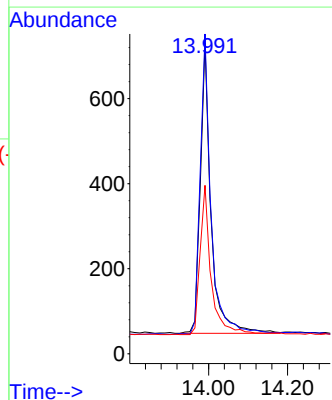
Tgt Ion:152 Resp: 369
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27



Tgt Ion:164 Resp: 1286
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 54.2 39.5 59.3



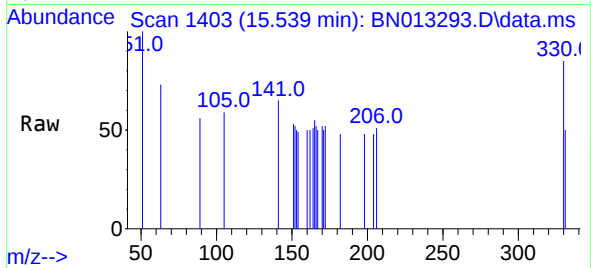
Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

Manual Integrations
APPROVED

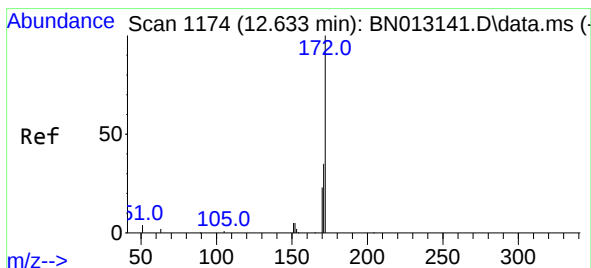
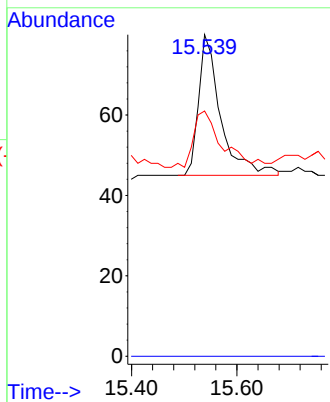
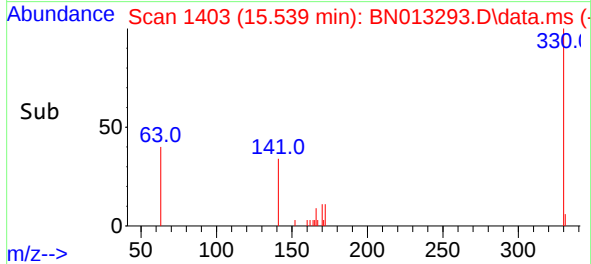
mohammad
12/24/2020 10:42:24 AM



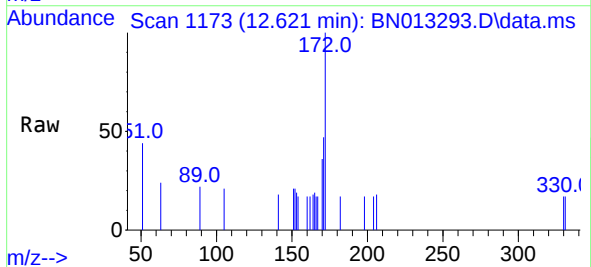
#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27



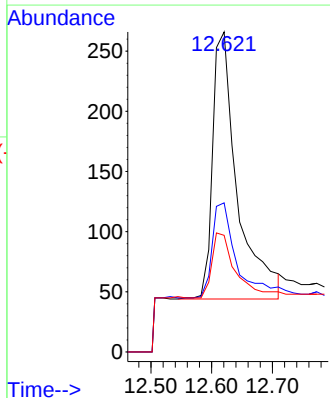
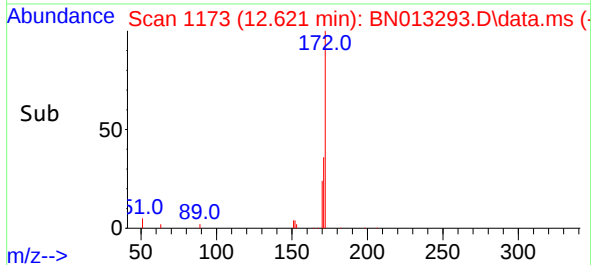
Tgt Ion:330 Resp: 102
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.0 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27



Tgt Ion:172 Resp: 629
Ion Ratio Lower Upper
172 100
171 46.6 28.2 42.4#
170 36.5 20.0 30.0#



Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

Manual Integrations
APPROVED

mohammad
12/24/2020 10:42:24 AM



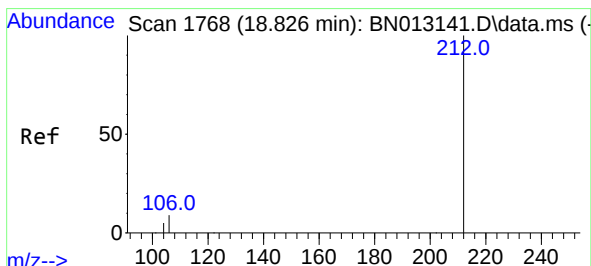
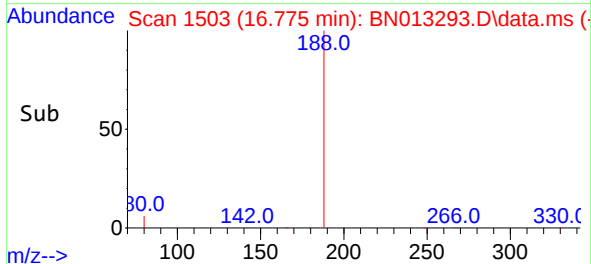
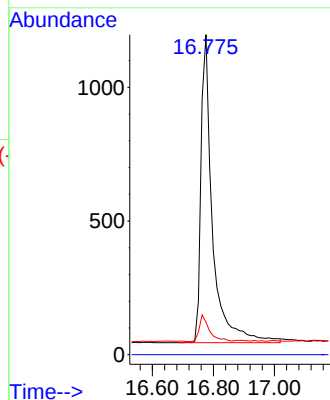
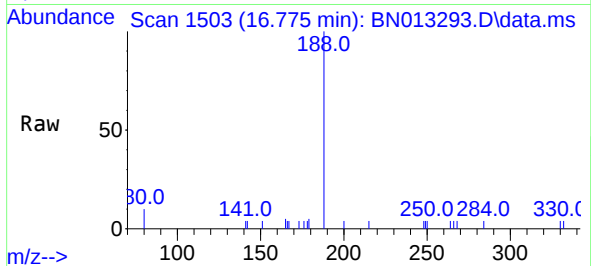
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	5.0	7.4#

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

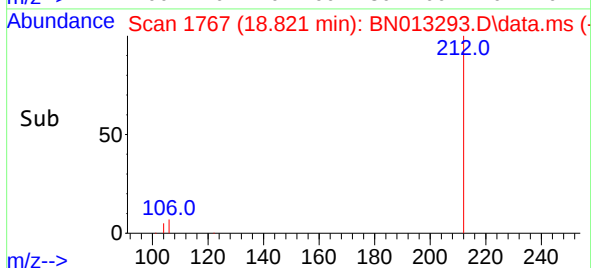
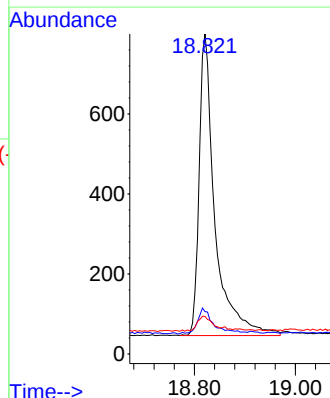
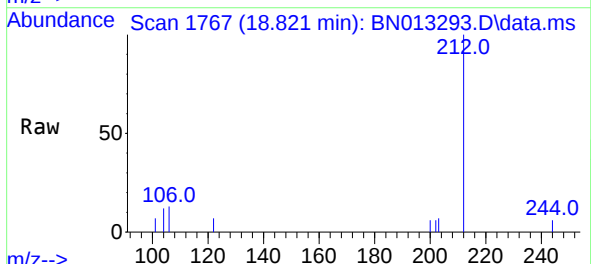
Manual Integrations
APPROVED

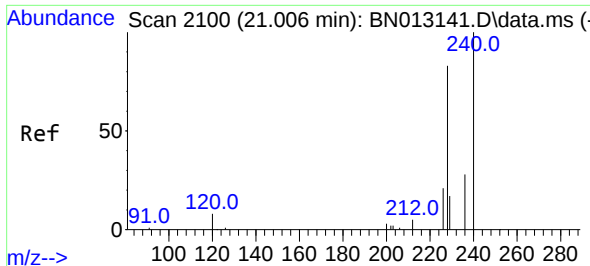
mohammad
12/24/2020 10:42:24 AM



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 18.821 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion	Ratio	Lower	Upper
212	100		
106	8.7	6.8	10.2
104	5.3	4.1	6.1





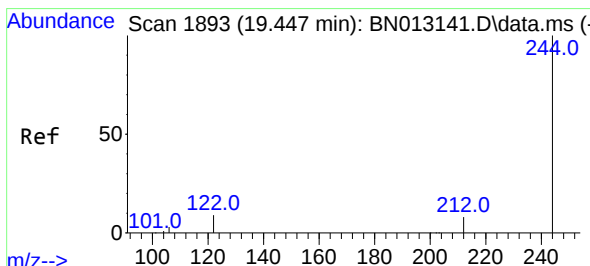
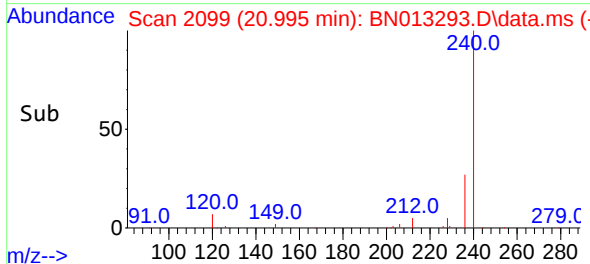
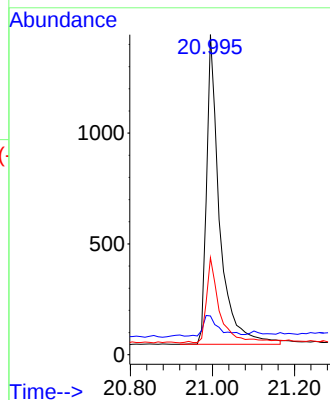
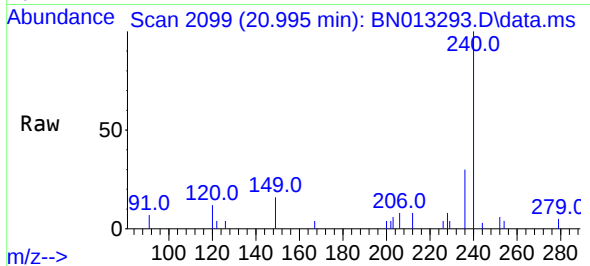
#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:240 Resp: 3078
Ion Ratio Lower Upper
240 100
120 12.1 5.3 7.9#
236 30.3 21.8 32.8

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

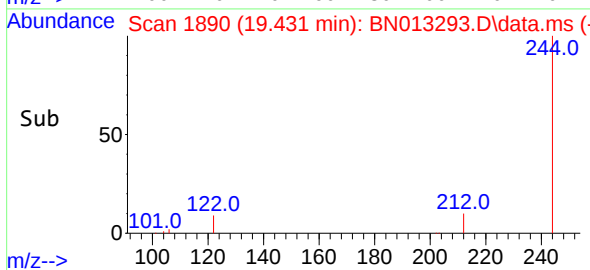
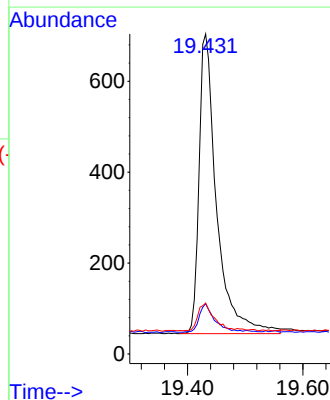
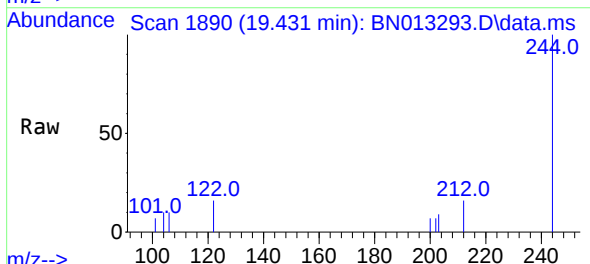
Manual Integrations
APPROVED

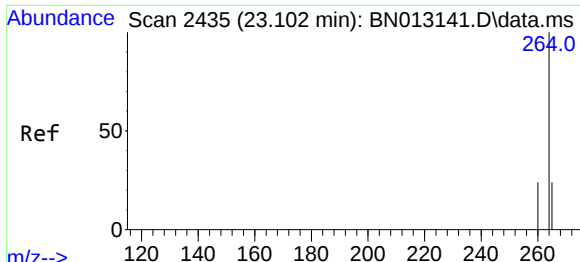
mohammad
12/24/2020 10:42:24 AM



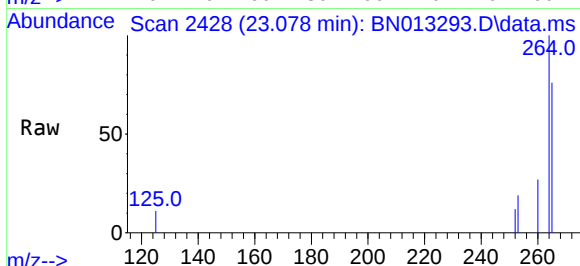
#31
Terphenyl-d14
Concen: 0.18 ng
RT: 19.431 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:244 Resp: 1394
Ion Ratio Lower Upper
244 100
212 15.8 7.3 10.9#
122 15.9 7.3 10.9#



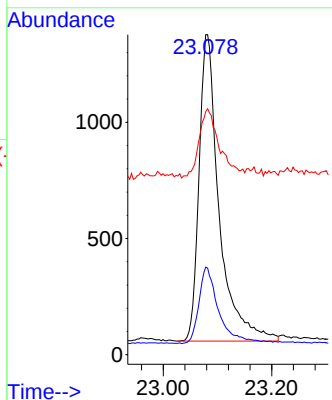
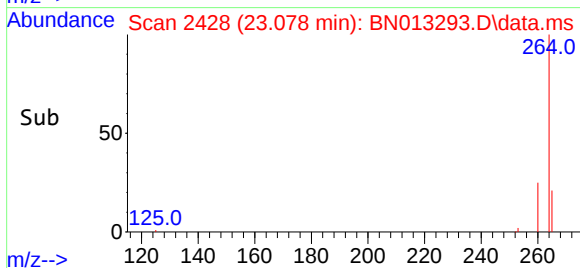


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.078 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN013293.D
 Acq: 23 Dec 2020 04:27



Tgt Ion: 264 Resp: 3382

Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.8	29.6
265	76.0	51.4	77.0



Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20201211DL

Manual Integrations
 APPROVED

mohammad
 12/24/2020 10:42:24 AM