

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016447.D
 Acq On : 24 Sep 2021 21:01
 Operator : CG/JU
 Sample : M3782-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210914

Manual Integrations
 APPROVED

mohammad
 9/27/2021 3:00:13 PM

Quant Time: Sep 25 05:06:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22364	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	100700	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53129	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	107948	0.40	ng	0.00
29) Chrysene-d12	21.249	240	100116	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	88841	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	927	0.02	ng	0.02
5) Phenol-d6	6.849	99	2046	0.03	ng	0.00
8) Nitrobenzene-d5	8.810	82	18121	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	39916	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2709	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	53503	0.24	ng	0.00
27) Fluoranthene-d10	19.088	212	103177	0.35	ng	0.00
31) Terphenyl-d14	19.698	244	92561	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	51721m	5.40	ng	Qvalue
24) Pentachlorophenol	16.701	266	69	0.25	ng	91
34) Bis(2-ethylhexyl)phtha...	21.185	149	17342	0.22	ng	98

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

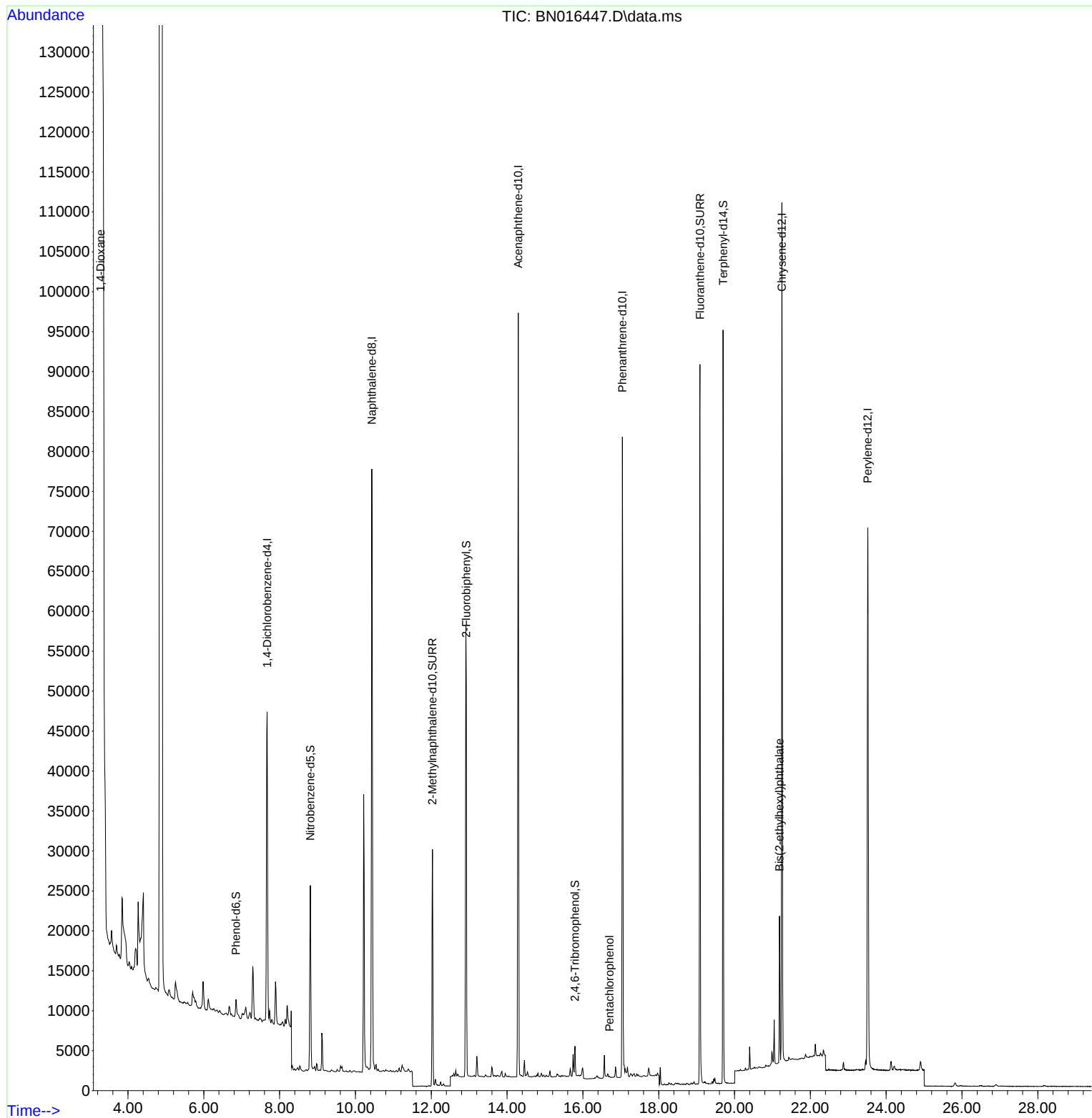
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016447.D
Acq On : 24 Sep 2021 21:01
Operator : CG/JU
Sample : M3782-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

Manual Integrations
APPROVED

mohammad
9/27/2021 3:00:13 PM

Quant Time: Sep 25 05:06:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

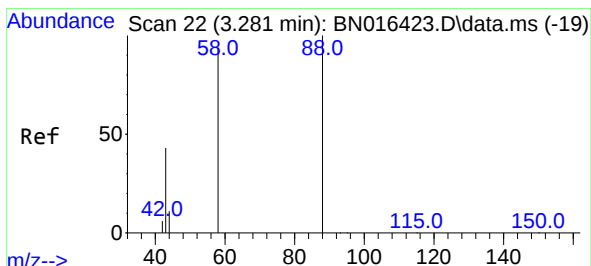
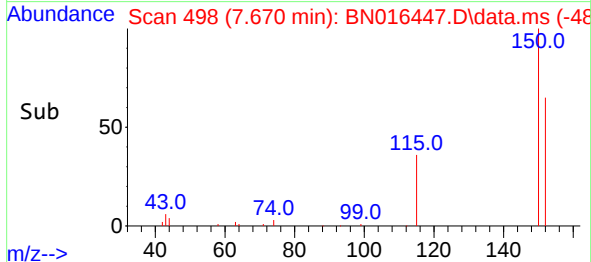
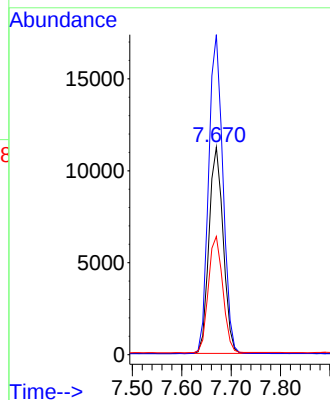
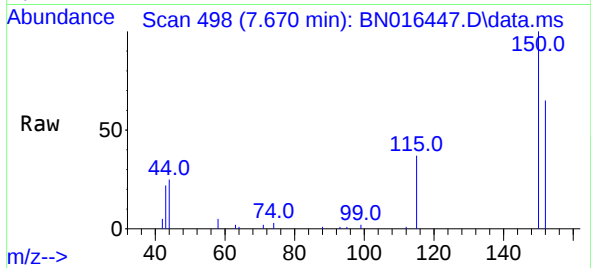
Tgt Ion: 152 Resp: 22364

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	57.0	50.2	75.2

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210914

Manual Integrations
 APPROVED

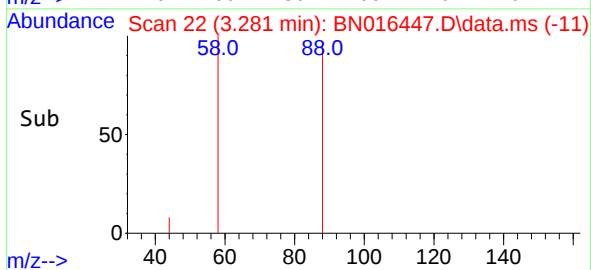
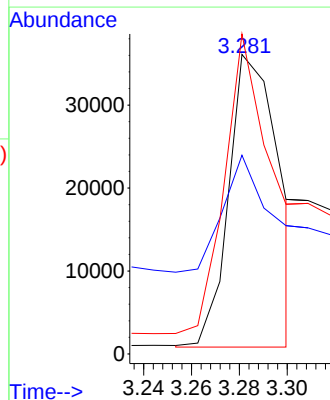
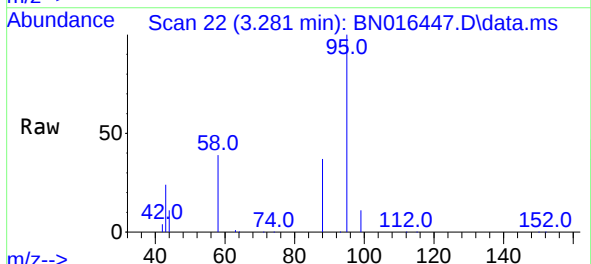
mohammad
 9/27/2021 3:00:13 PM

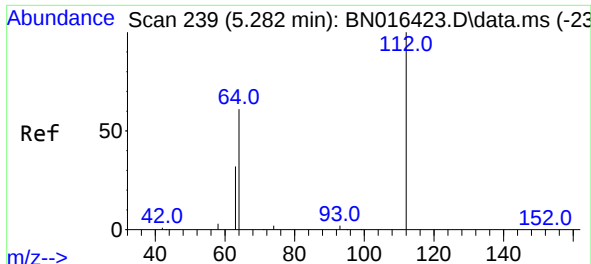


#2
 1,4-Dioxane
 Concen: 5.40 ng m
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

Tgt Ion: 88 Resp: 51721

Ion	Ratio	Lower	Upper
88	100		
43	47.4	20.3	30.5#
58	127.5	69.9	104.9#





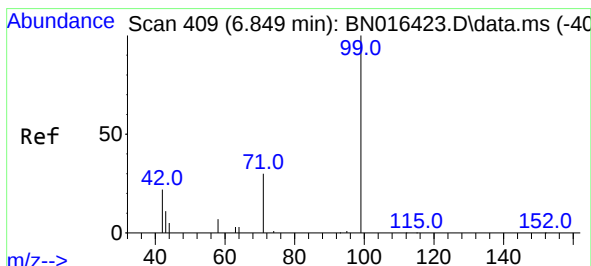
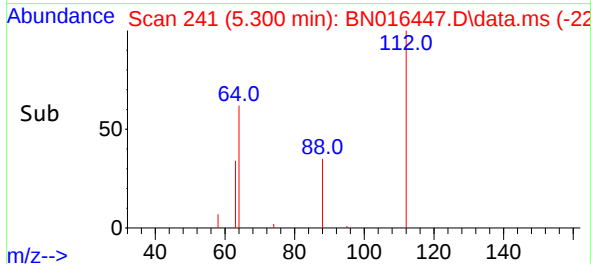
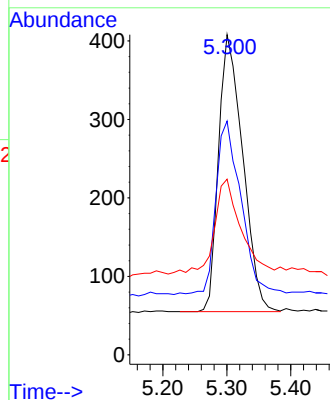
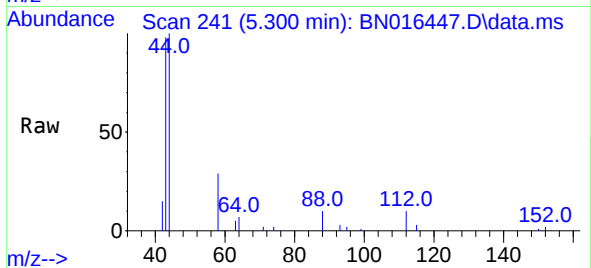
#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.3	70.9
63	37.4	23.4	35.0#

Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

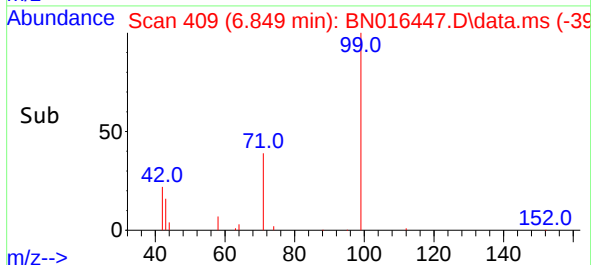
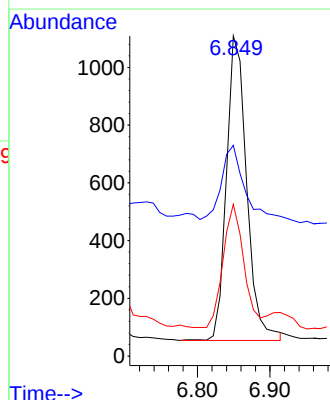
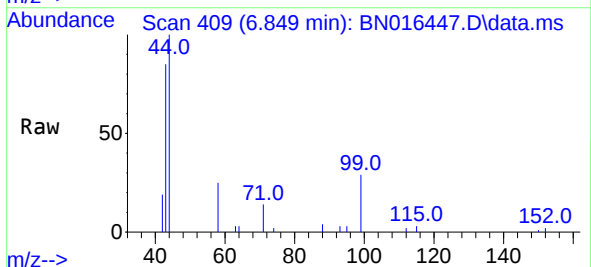
Manual Integrations
APPROVED

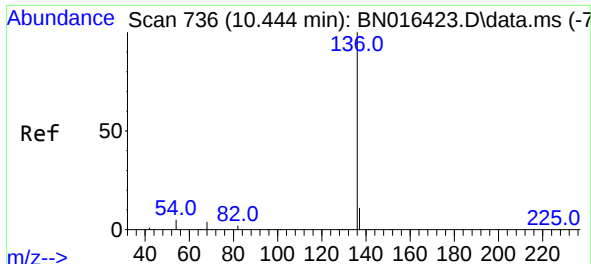
mohammad
9/27/2021 3:00:13 PM



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

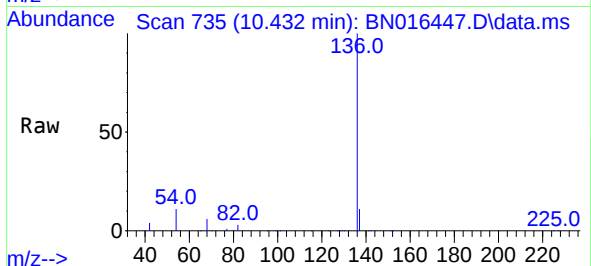
Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.8	14.0	21.0#
71	41.3	23.8	35.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

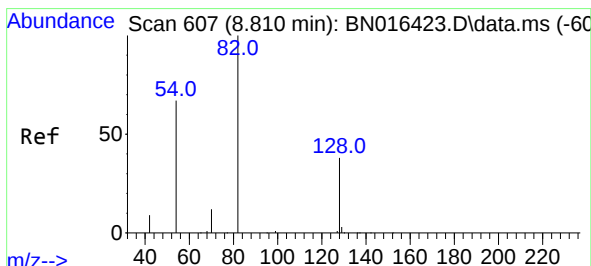
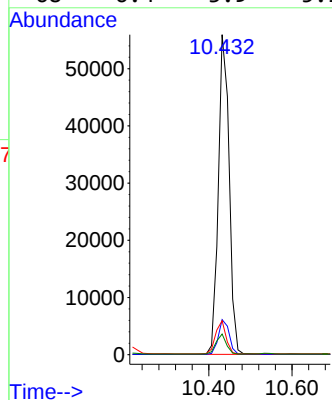
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914



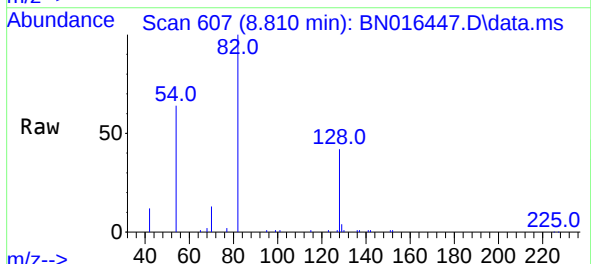
Tgt Ion:	136	Resp:	100700
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.6	5.3	7.9#
68	6.4	3.9	5.9#

Manual Integrations
APPROVED

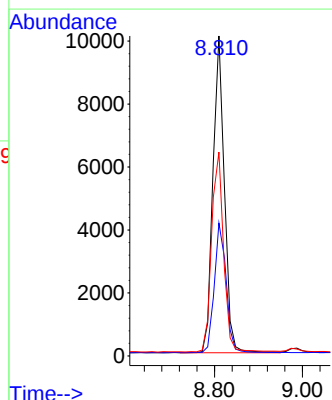
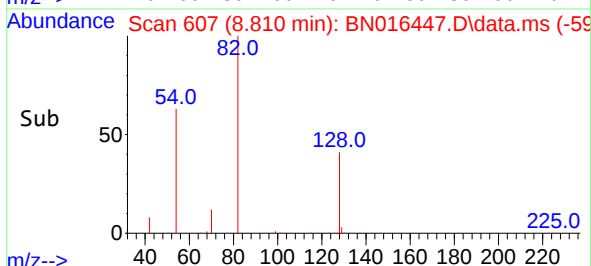
mohammad
9/27/2021 3:00:13 PM

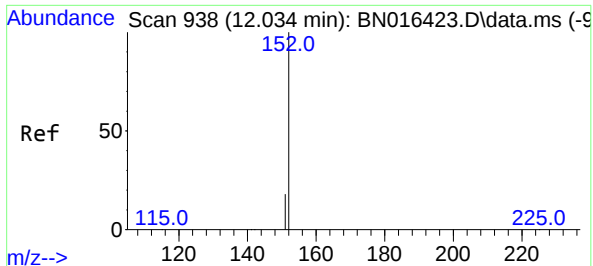


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01



Tgt Ion:	82	Resp:	18121
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.7	47.5
54	63.7	46.4	69.6





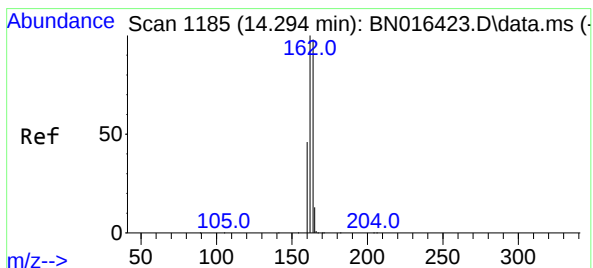
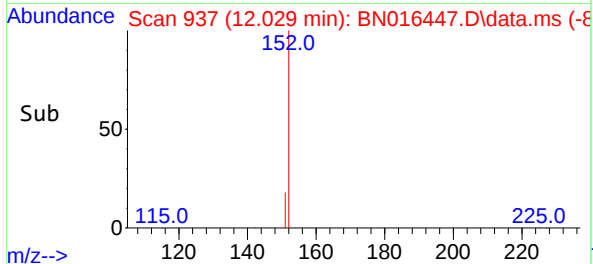
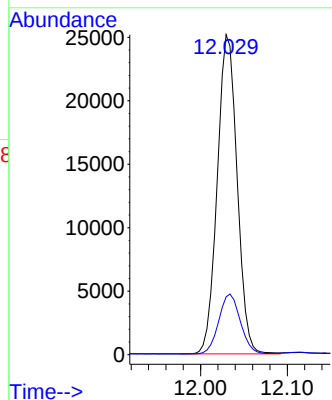
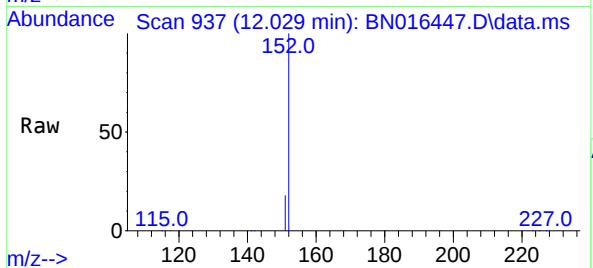
#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:152 Resp: 39916
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1

Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

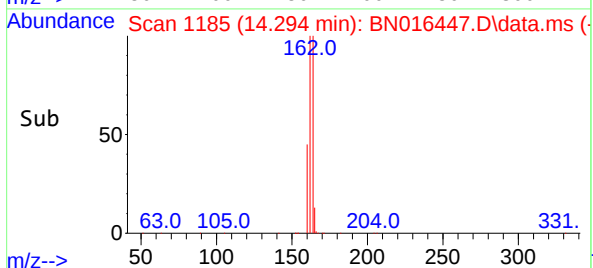
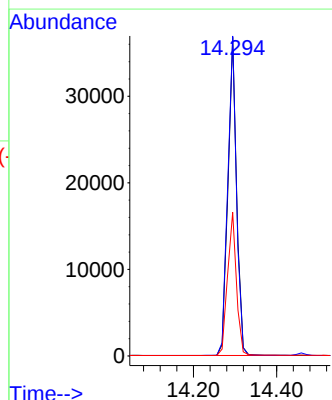
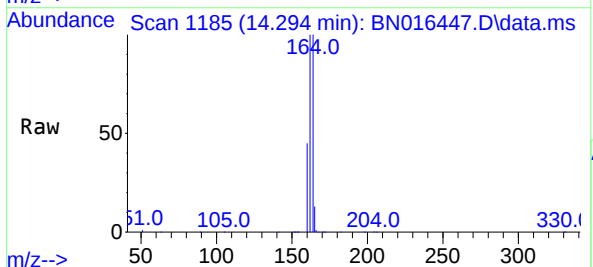
Manual Integrations
APPROVED

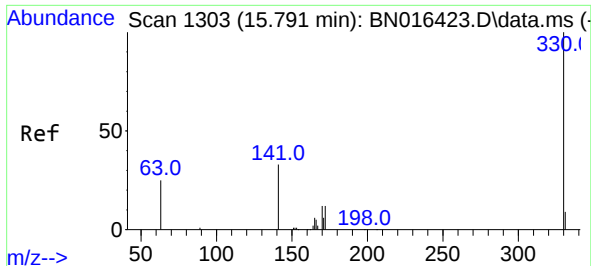
mohammad
9/27/2021 3:00:13 PM



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:164 Resp: 53129
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.4
160 45.1 34.1 51.1





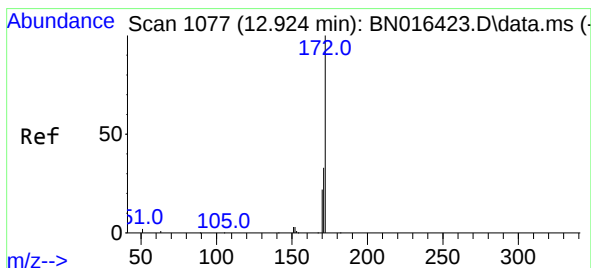
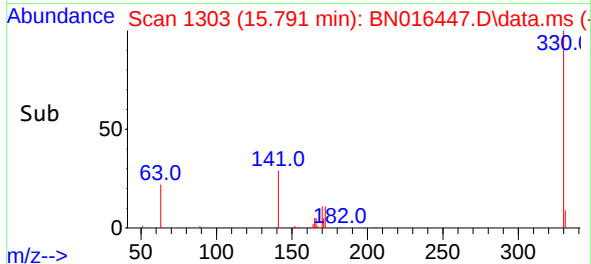
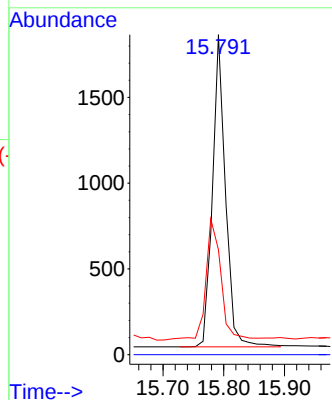
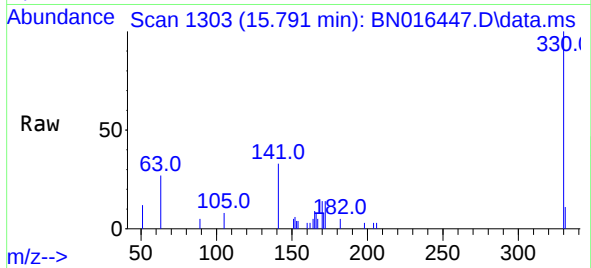
#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion: 330 Resp: 2709
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 25.0 37.4#

Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

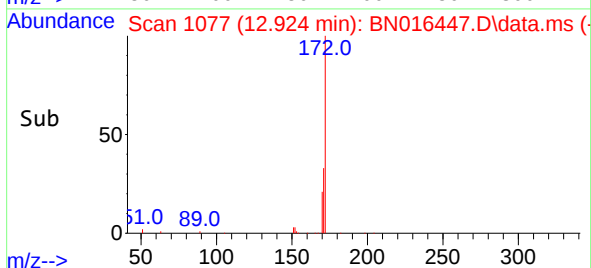
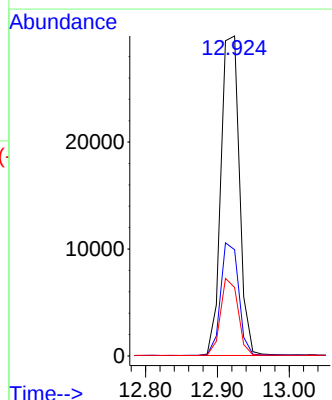
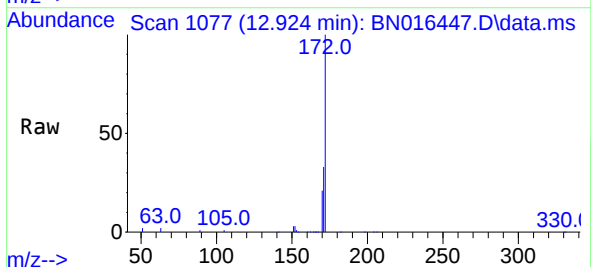
Manual Integrations
APPROVED

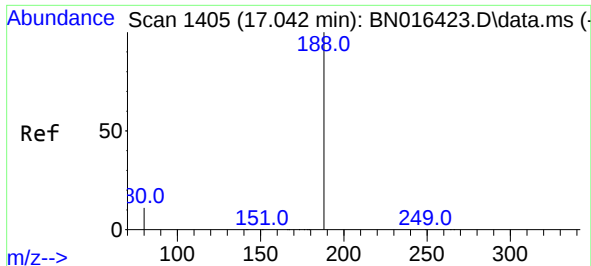
mohammad
9/27/2021 3:00:13 PM



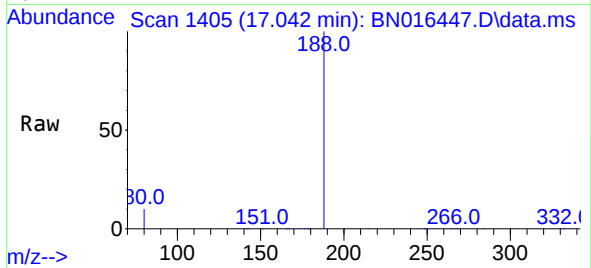
#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion: 172 Resp: 53503
Ion Ratio Lower Upper
172 100
171 33.2 27.8 41.6
170 21.4 18.2 27.2

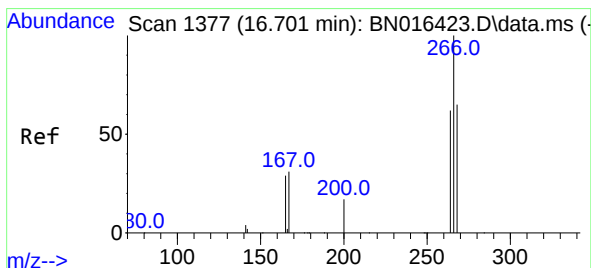
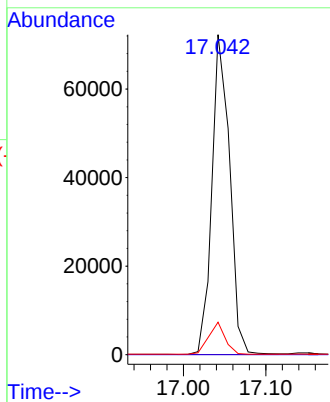
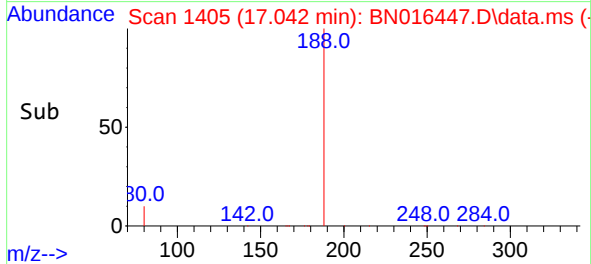




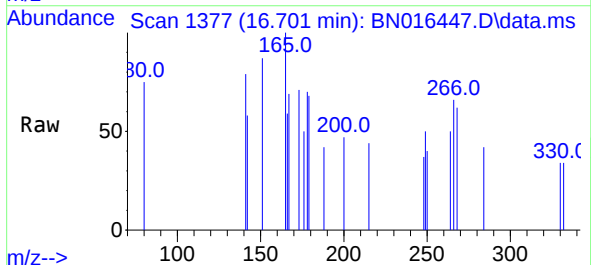
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01



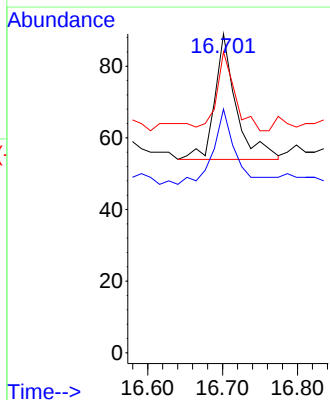
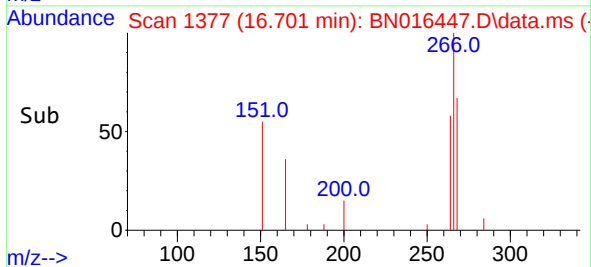
Tgt Ion:188 Resp: 107948
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.0 10.6



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01



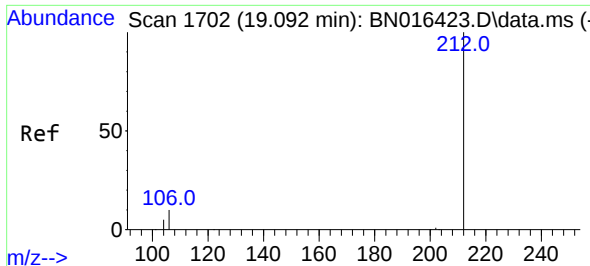
Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 60.9 50.6 75.8
268 53.6 52.6 79.0



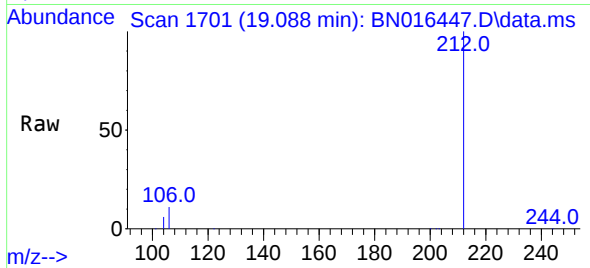
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

Manual Integrations
APPROVED

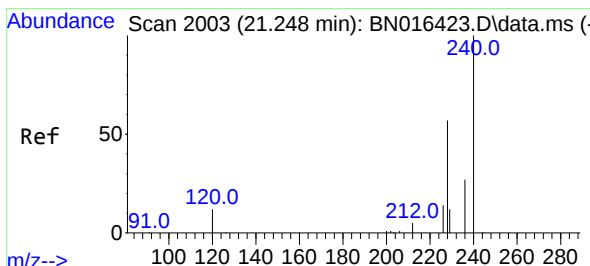
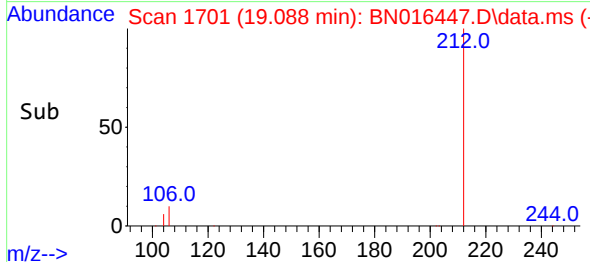
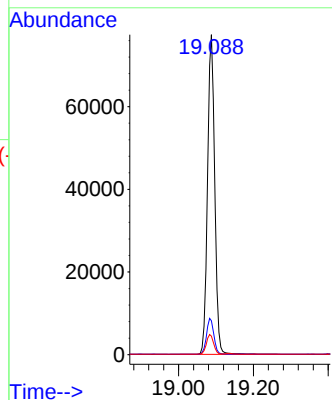
mohammad
9/27/2021 3:00:13 PM



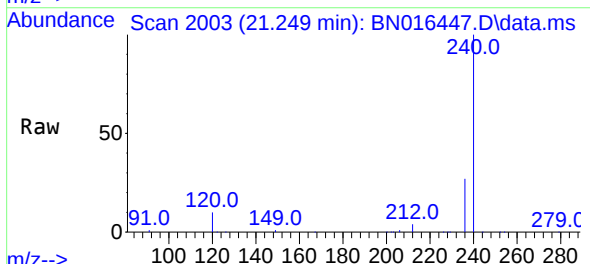
#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01



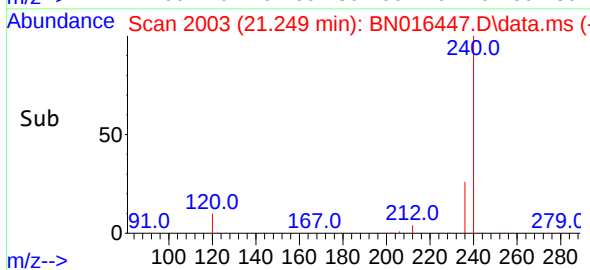
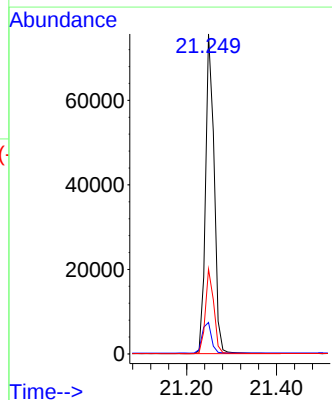
Tgt Ion:212 Resp: 103177
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01



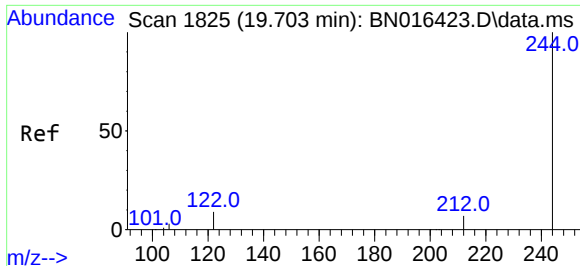
Tgt Ion:240 Resp: 100116
Ion Ratio Lower Upper
240 100
120 9.9 5.3 7.9#
236 26.5 19.8 29.8



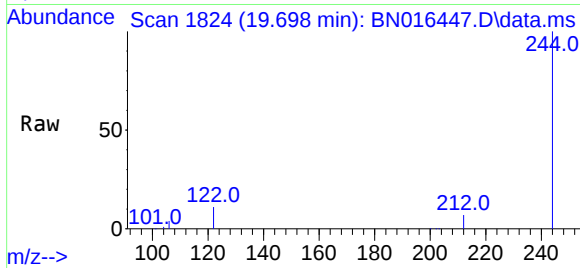
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

Manual Integrations
APPROVED

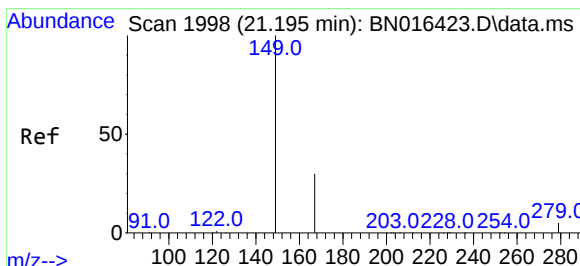
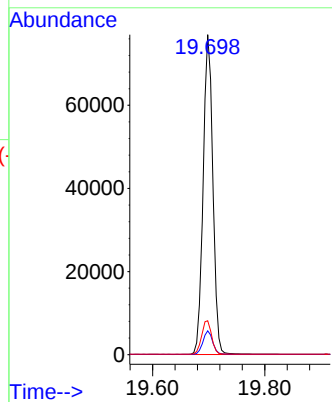
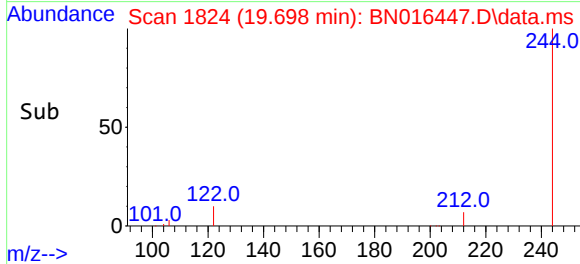
mohammad
9/27/2021 3:00:13 PM



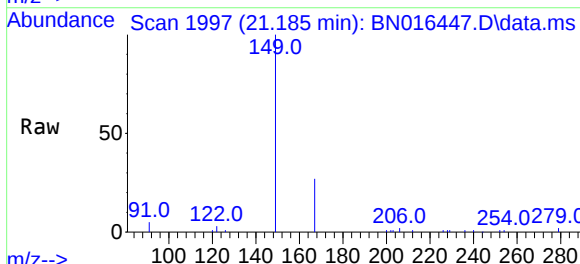
#31
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01



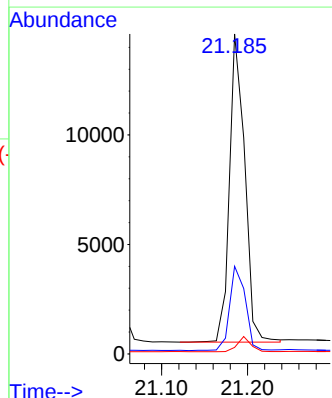
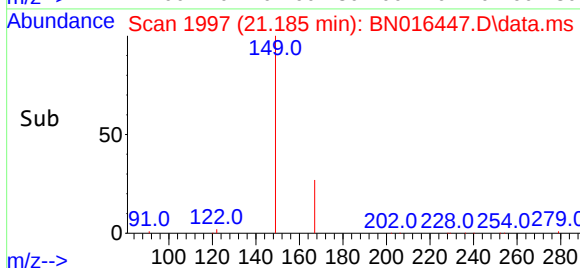
Tgt Ion:244 Resp: 92561
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 10.6 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01



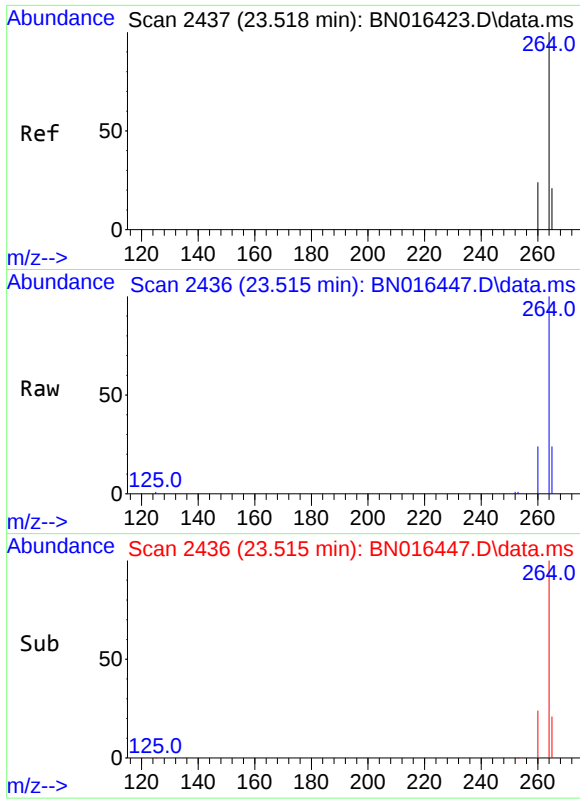
Tgt Ion:149 Resp: 17342
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.4 35.0
 279 4.4 3.9 5.9



Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210914

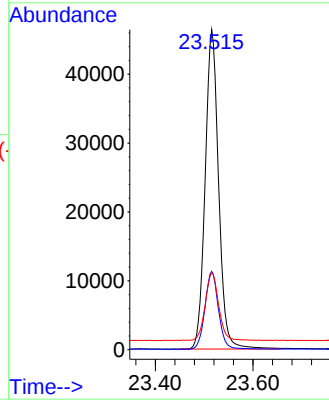
Manual Integrations
 APPROVED

mohammad
 9/27/2021 3:00:13 PM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	24.2	23.7	35.5



Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

Manual Integrations
APPROVED

mohammad
9/27/2021 3:00:13 PM