

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005993.D
 Acq On : 31 May 2019 22:55
 Operator : JU/SJ
 Sample : K2928-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B6

Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:11:37 AM

Quant Time: Jun 01 02:46:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	485259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1882640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	943211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1876709	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1579423	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	1869388	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	31664	2.87	ng/uL	0.01
5) Phenol-d5	6.92	99	620967	14.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	365488	14.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	512930	15.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	446410	12.86	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	242381	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	254134	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	459536	17.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	289427	8.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1279105	18.40	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1555983	17.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	176319	13.93	ng/ul	0.00
57) Fluorene-d10	15.40	176	1072441	18.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	32728	4.28	ng/ul	0.00
70) Anthracene-d10	17.26	188	1481959	18.55	ng/ul	0.00
78) Pyrene-d10	19.56	212	1525300	19.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1487005	17.83	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.85	163	448985	6.460	ng/ul	99
69) Phenanthrene	17.20	178	182715	1.965	ng/ul	99
76) Fluoranthene	19.23	202	400691	4.037	ng/ul	97
79) Pyrene	19.59	202	376117	3.759	ng/ul	97
82) Benzo(a)anthracene	21.35	228	193421	1.948	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.28	149	119688	1.836	ng/ul#	95
84) Chrysene	21.41	228	214317	2.314	ng/ul#	91
87) Benzo(b)fluoranthene	22.98	252	346741	3.302	ng/ul#	86
88) Benzo(k)fluoranthene	23.02	252	119365m	1.236	ng/ul	
90) Benzo(a)pyrene	23.57	252	340291	3.437	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.99	276	293777	2.529	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.99	278	210781	2.179	ng/ul#	81
93) Benzo(g,h,i)perylene	26.71	276	432061	4.415	ng/ul#	93

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

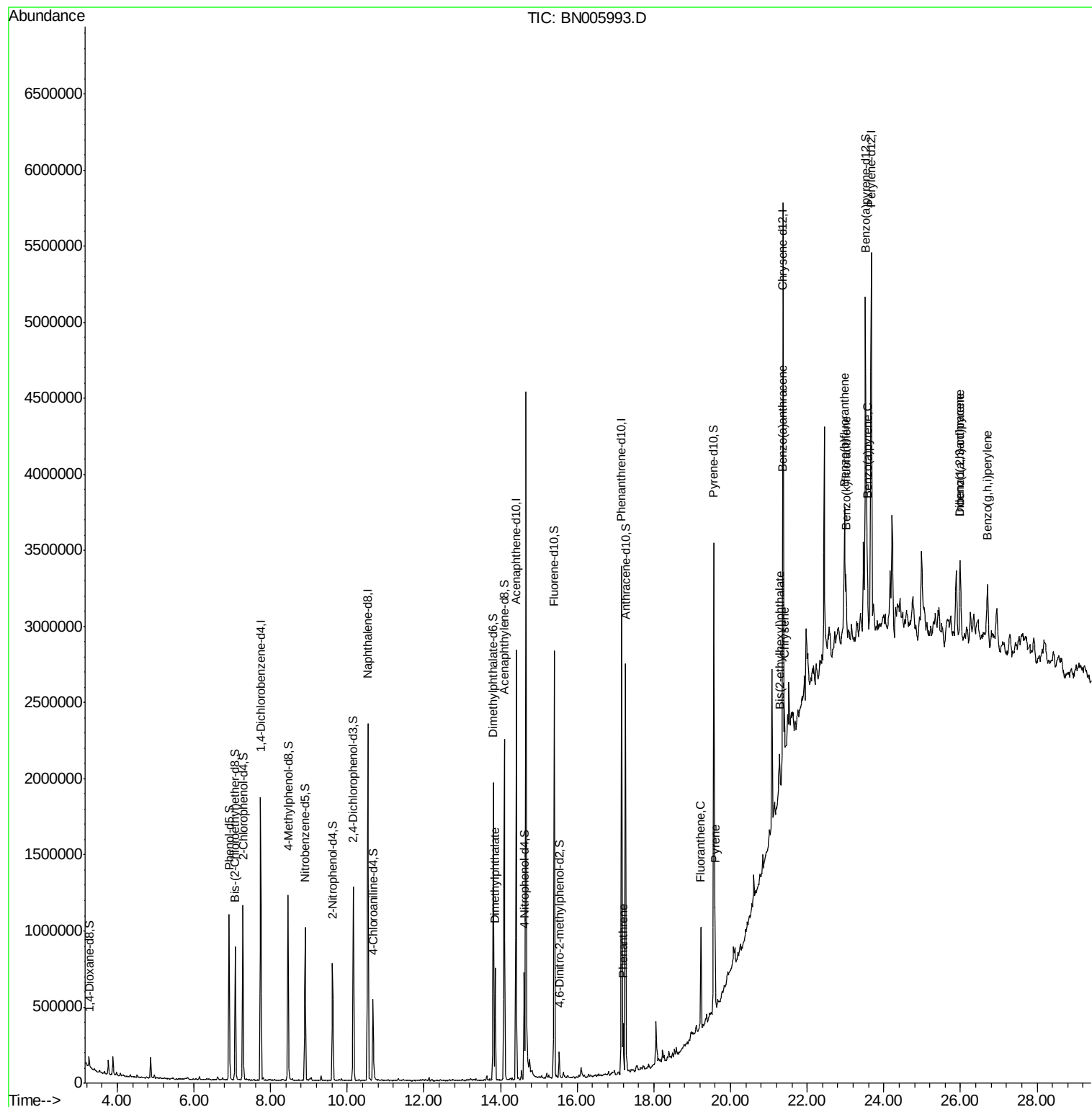
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005993.D
Acq On : 31 May 2019 22:55
Operator : JU/SJ
Sample : K2928-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

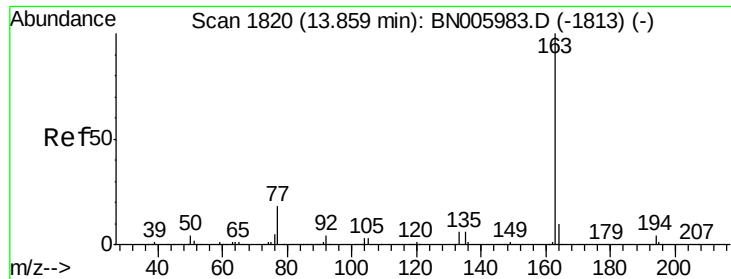
Instrument :
BNA_N
ClientSampleId :
A42B6

Manual Integrations
APPROVED

mohammad
6/5/2019 6:11:37 AM

Quant Time: Jun 01 02:46:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration





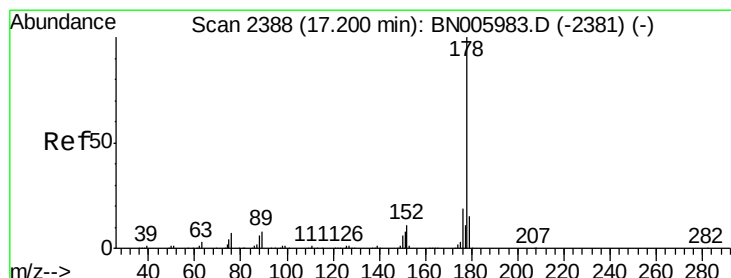
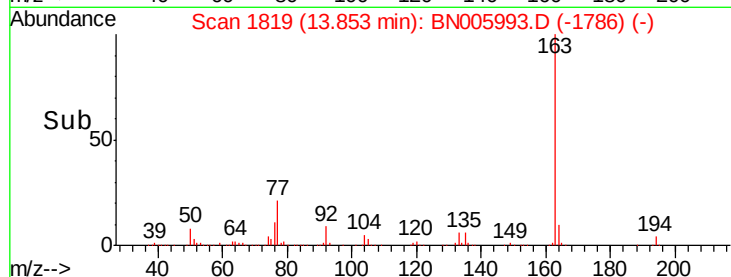
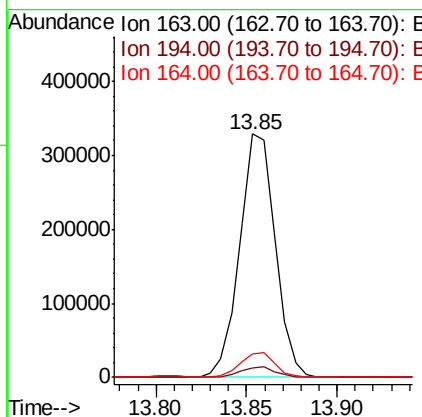
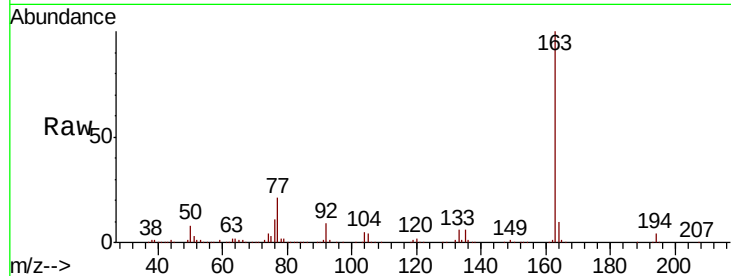
#44
Dimethylphthalate
Concen: 6.460 ng/ul
RT: 13.85 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Instrument :
BNA_N
ClientSampleId :
A42B6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	448985		
194	3.8		3.4	5.0
164	9.9		8.1	12.1

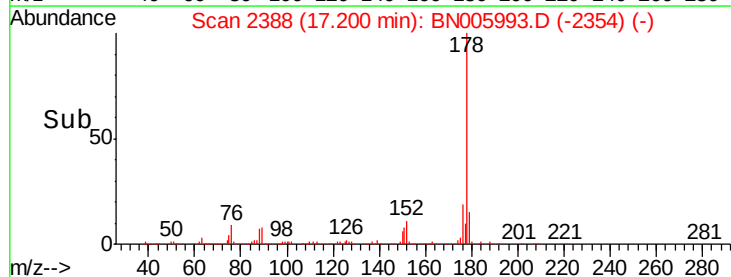
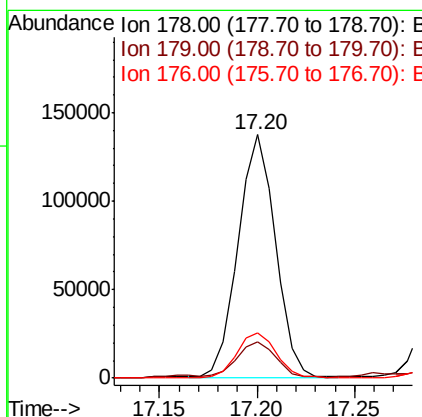
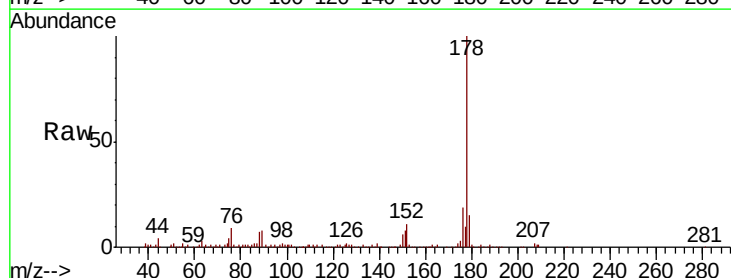
Manual Integrations
APPROVED

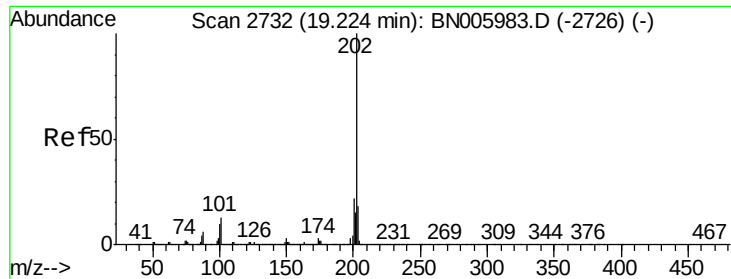
mohammad
6/5/2019 6:11:37 AM



#69
Phenanthrene
Concen: 1.965 ng/ul
RT: 17.20 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	182715		
179	15.0		12.2	18.4
176	18.6		15.1	22.7





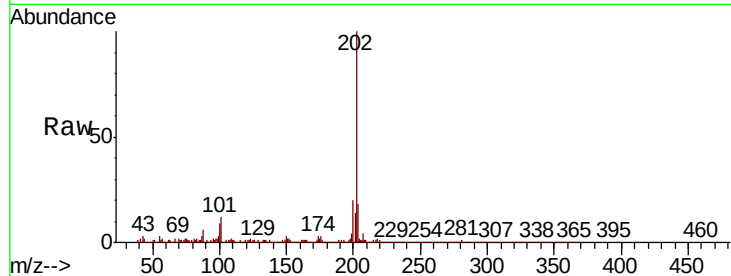
#76
Fluoranthene
Concen: 4.037 ng/ul
RT: 19.23 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Instrument :
BNA_N
ClientSampleId :
A42B6

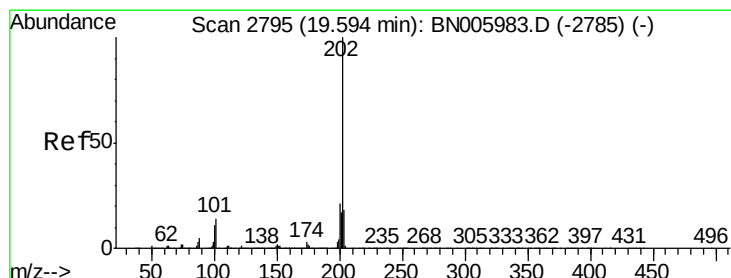
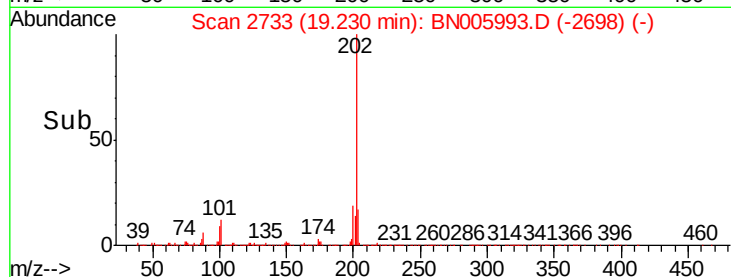
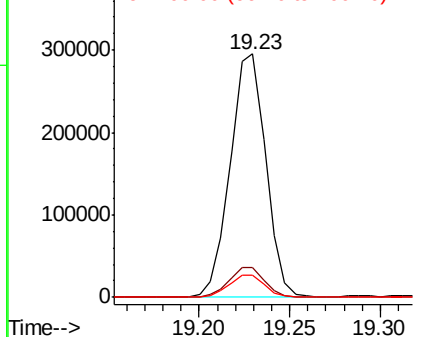
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		400691		
101	12.0	8.6	12.8		
100	8.9	6.3	9.5		

Manual Integrations
APPROVED

mohammad
6/5/2019 6:11:37 AM

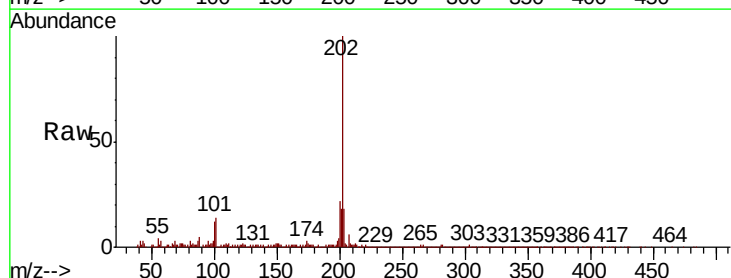


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

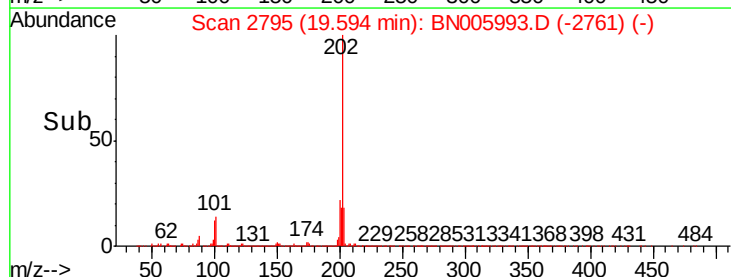
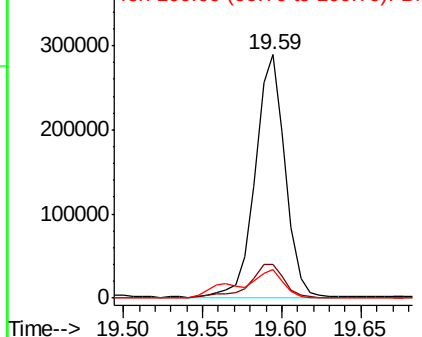


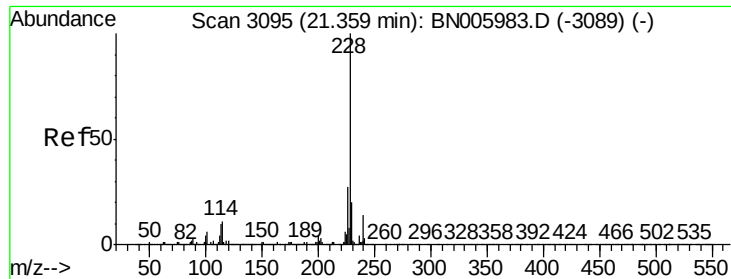
#79
Pyrene
Concen: 3.759 ng/ul
RT: 19.59 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		376117		
101	13.8	10.3	15.5		
100	11.8	7.9	11.9		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





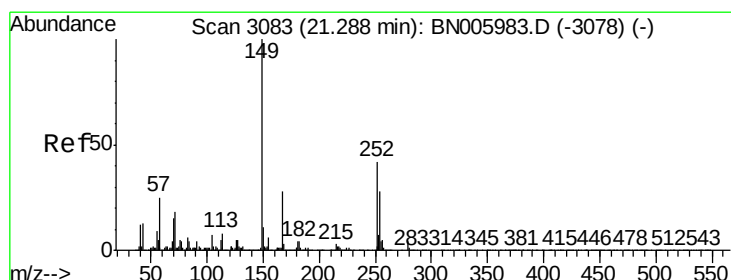
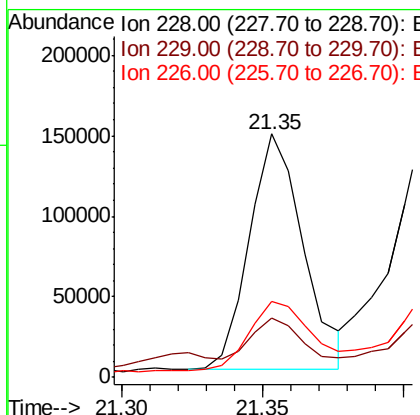
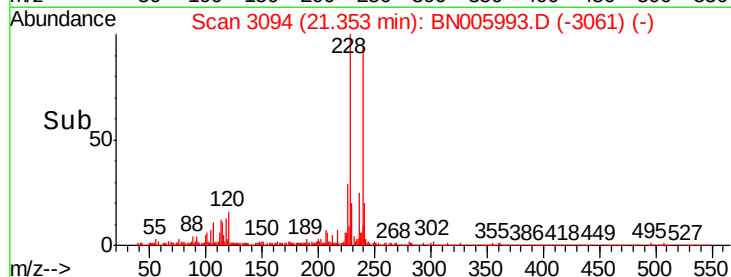
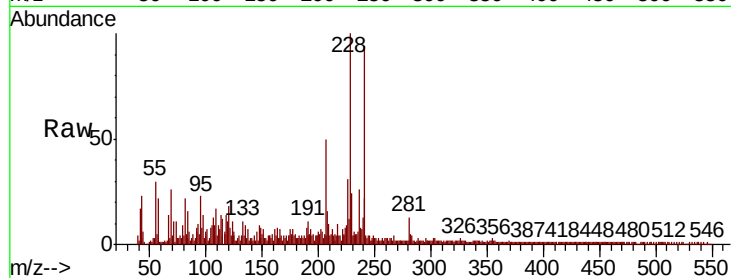
#82
Benzo(a)anthracene
Concen: 1.948 ng/ul
RT: 21.35 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Instrument :
BNA_N
ClientSampleId :
A42B6

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.8	23.6#
226	30.9	21.4	32.2

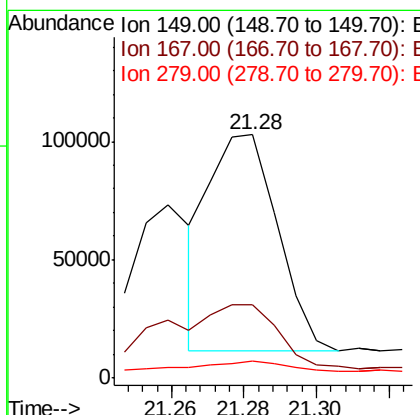
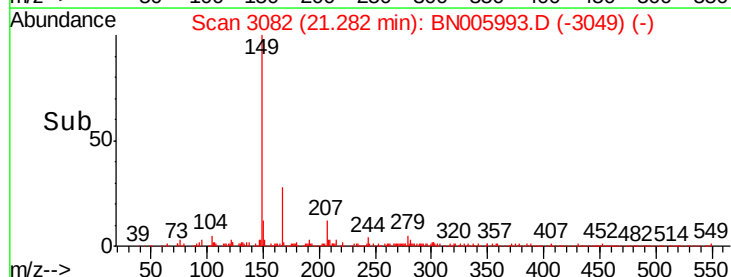
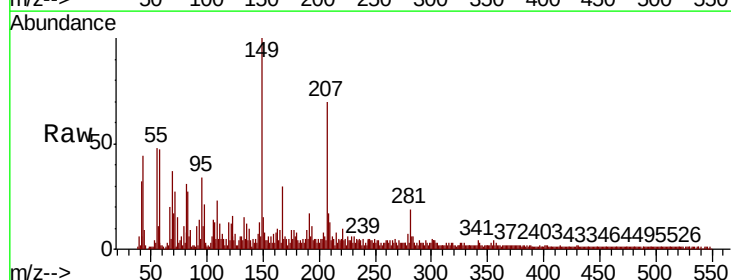
Manual Integrations
APPROVED

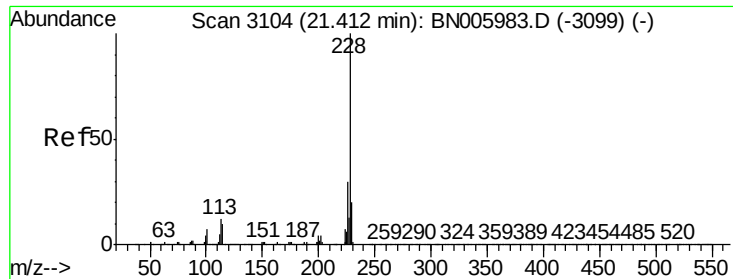
mohammad
6/5/2019 6:11:37 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 1.836 ng/ul
RT: 21.28 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.3	33.5
279	7.1	3.3	4.9#





#84

Chrysene

Concen: 2.314 ng/ul

RT: 21.41 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Instrument :

BNA_N

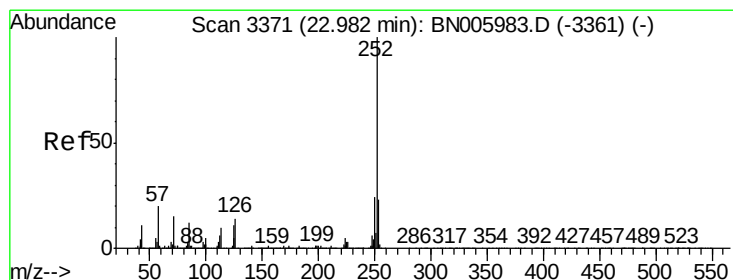
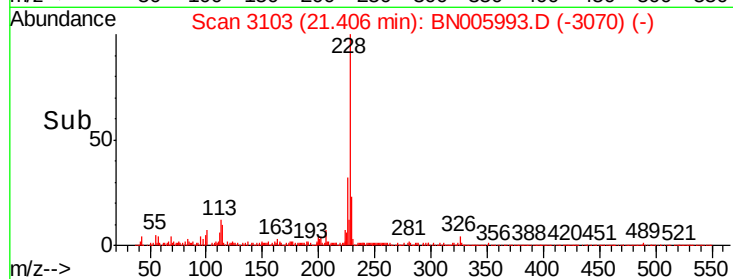
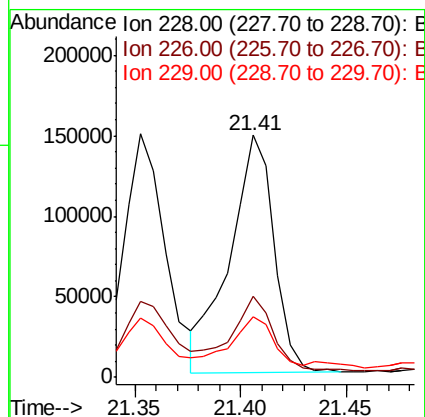
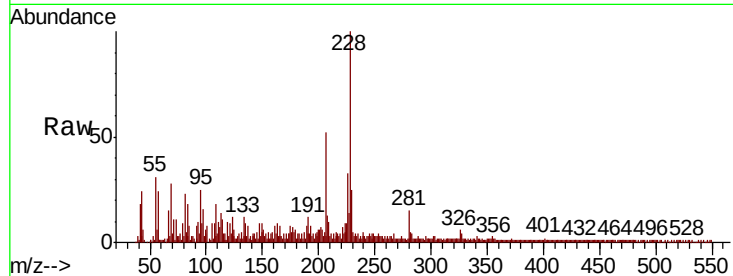
ClientSampled :

A42B6

Tot Ion:	228	Resp:	214317
Ion Ratio		Lower	Upper
228	100		
226	33.5	24.0	36.0
229	25.2	15.4	23.0

Manual Integrations
APPROVED

mohammad
6/5/2019 6:11:37 AM



#87

Benzo(b)fluoranthene

Concen: 3.302 ng/ul

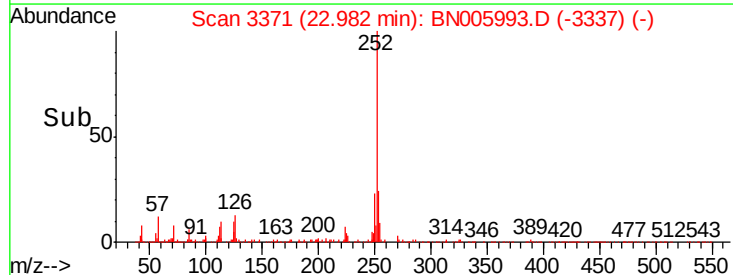
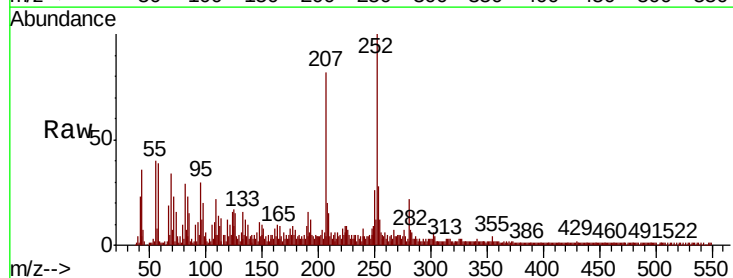
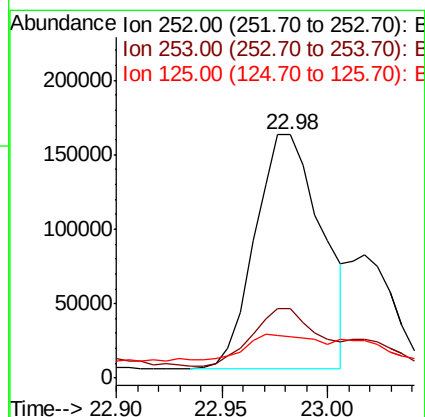
RT: 22.98 min Scan# 3371

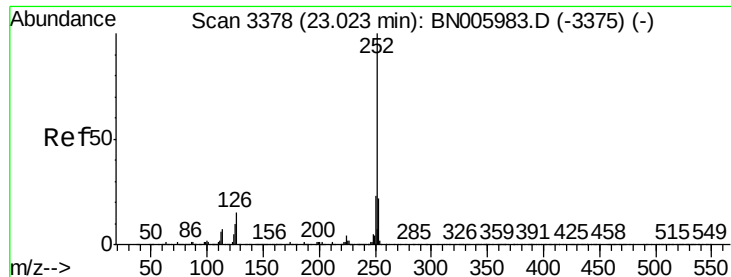
Delta R.T. 0.00 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Tgt Ion:	252	Resp:	346741
Ion Ratio		Lower	Upper
252	100		
253	28.4	17.7	26.5
125	16.8	8.4	12.6





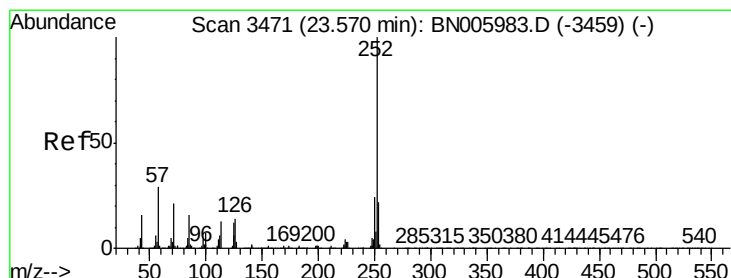
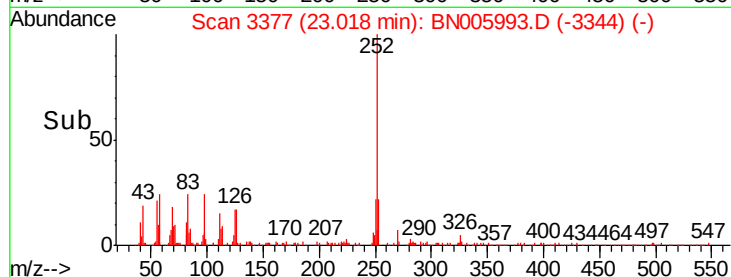
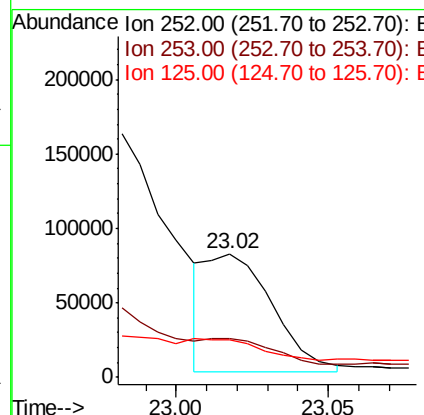
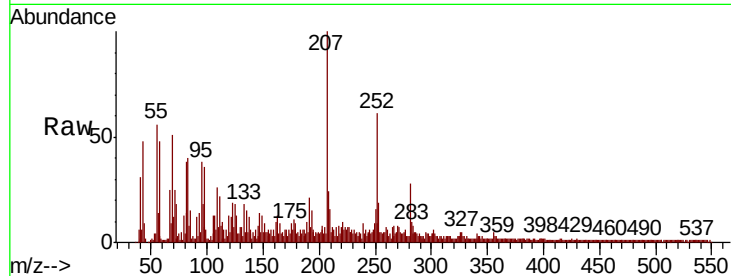
#88
Benzo(k)fluoranthene
Concen: 1.236 ng/ul m
RT: 23.02 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Instrument :
BNA_N
ClientSampleId :
A42B6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	31.3	17.4	26.0#
125	29.9	7.5	11.3#

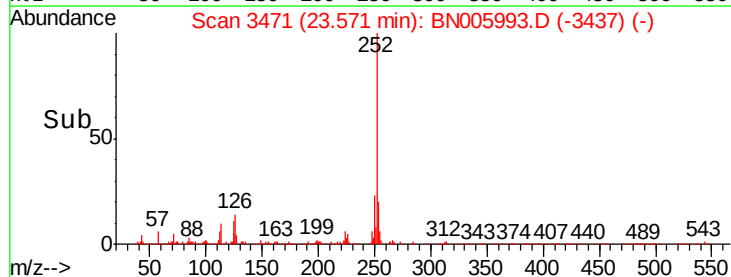
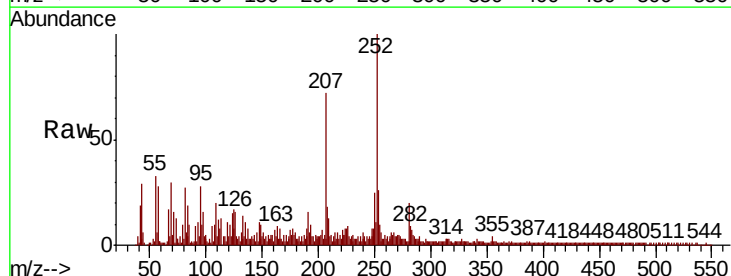
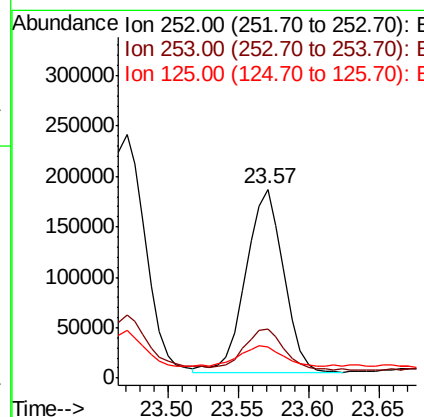
Manual Integrations
APPROVED

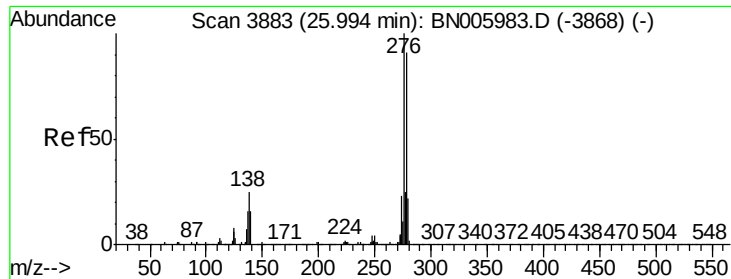
mohammad
6/5/2019 6:11:37 AM



#90
Benzo(a)pyrene
Concen: 3.437 ng/ul
RT: 23.57 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	17.3	25.9
125	16.7	8.6	13.0#





#91

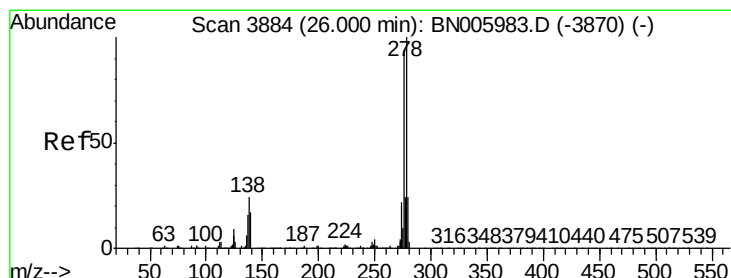
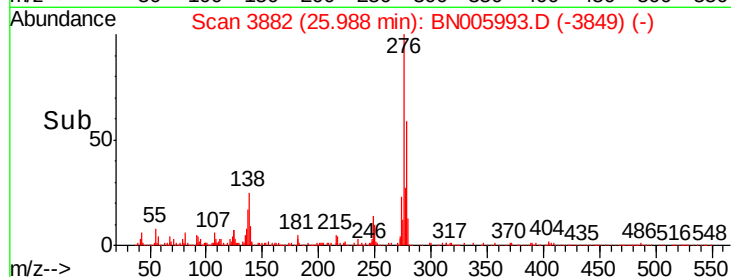
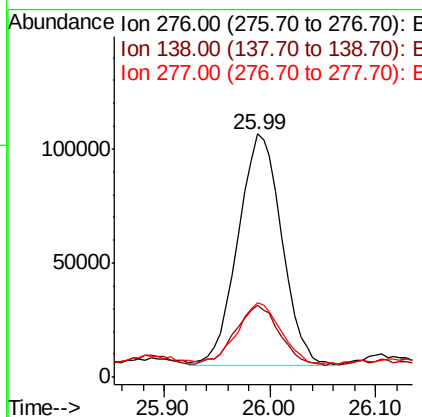
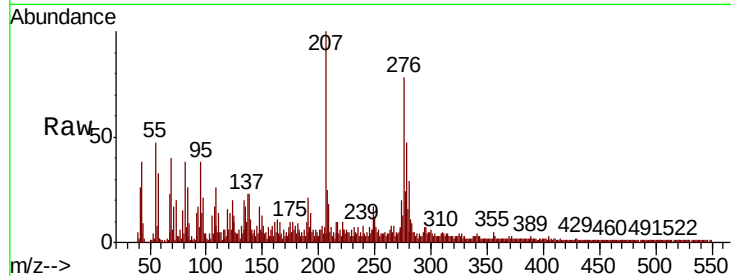
Indeno(1,2,3-cd)pyrene
Concen: 2.529 ng/ul
RT: 25.99 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Instrument :
BNA_N
ClientSampled :
A42B6

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	17.9	26.9#
277	30.8	19.7	29.5#

Manual Integrations
APPROVED

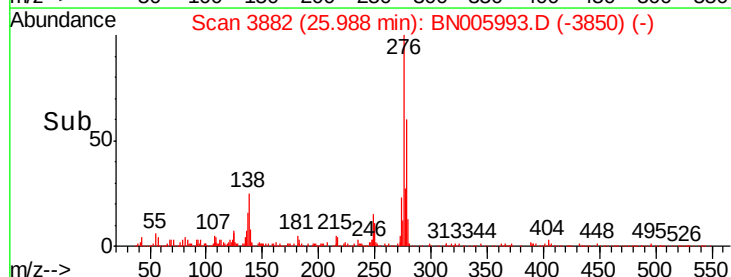
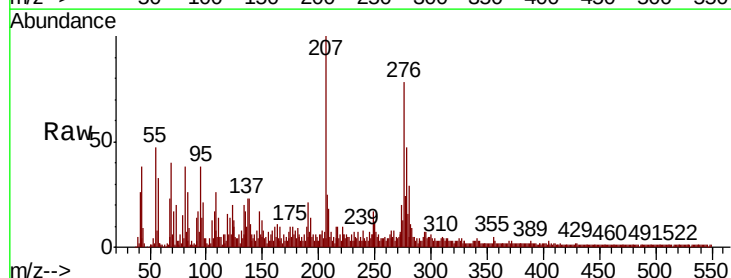
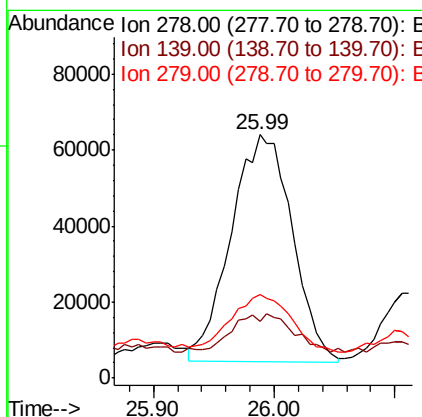
mohammad
6/5/2019 6:11:37 AM

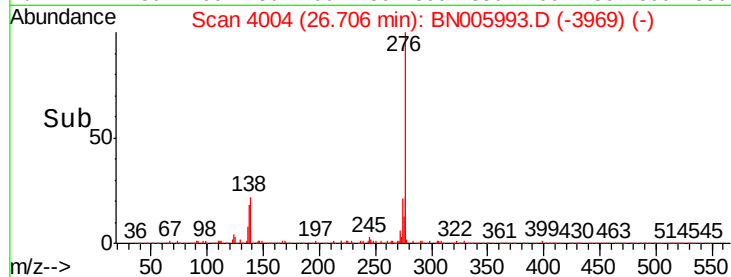
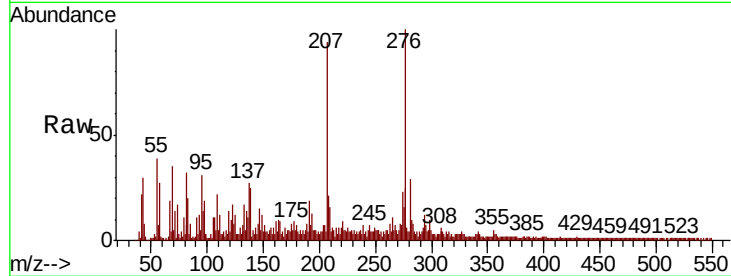
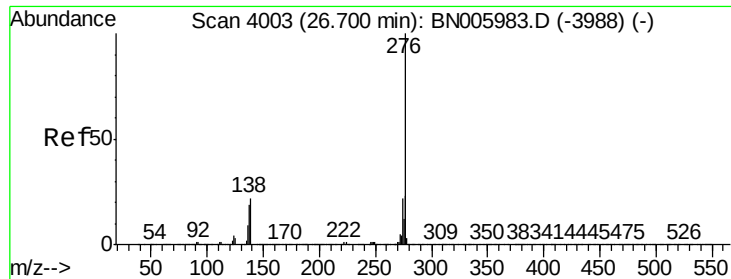


#92

Dibenzo(a,h)anthracene
Concen: 2.179 ng/ul
RT: 25.99 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BN005993.D
Acq: 31 May 2019 22:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	13.1	19.7#
279	34.3	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 4.415 ng/ul

RT: 26.71 min Scan# 4004

Delta R.T. 0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Instrument :

BNA_N

ClientSampleId :

A42B6

Tot Ion:	276	Resp:	432061
Ion Ratio	Lower	Upper	
276	100		
138	25.4	16.7	25.1#
277	25.2	18.2	27.2

Manual Integrations
APPROVED

mohammad
6/5/2019 6:11:37 AM

