

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005974.D
 Acq On : 31 May 2019 10:25
 Operator : JU/SJ
 Sample : K2924-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4274

Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:10:29 AM

Quant Time: May 31 14:09:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	659726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2813771	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	1497404	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	2722043	20.00	ng/ul	0.03
77) Chrysene-d12	21.36	240	1868054	20.00	ng/ul	0.04
85) Perylene-d12	23.65	264	2174258	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	87087	5.81	ng/uL	0.00
5) Phenol-d5	6.89	99	1817722	31.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	1016971	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1434497	32.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	1441776	30.54	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	702653	38.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	774484	46.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	1360076	34.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	3651	0.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	3713873	33.64	ng/ul	0.02
46) Acenaphthylene-d8	14.08	160	4676730	33.87	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	560157	27.88	ng/ul	0.03
57) Fluorene-d10	15.38	176	3000693	32.41	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	421473	37.99	ng/ul	0.03
70) Anthracene-d10	17.24	188	3874691	33.45	ng/ul	0.02
78) Pyrene-d10	19.55	212	3368951	35.71	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.51	264	3098135	31.93	ng/ul	0.06

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.84	163	881469	7.989	ng/ul	99
69) Phenanthrene	17.18	178	637308	4.725	ng/ul	99
76) Fluoranthene	19.21	202	1854997	12.884	ng/ul#	94
79) Pyrene	19.58	202	1465754	12.387	ng/ul	96
82) Benzo(a)anthracene	21.35	228	657902	5.602	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.28	149	520622	6.754	ng/ul	99
84) Chrysene	21.40	228	867914	7.924	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	1258345	10.304	ng/ul#	83
88) Benzo(k)fluoranthene	23.01	252	345949m	3.081	ng/ul	
90) Benzo(a)pyrene	23.56	252	725384	6.299	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.96	276	626670	4.637	ng/ul	96
92) Dibenzo(a,h)anthracene	25.96	278	151556	1.347	ng/ul#	77
93) Benzo(g,h,i)perylene	26.67	276	456797	4.014	ng/ul#	91

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

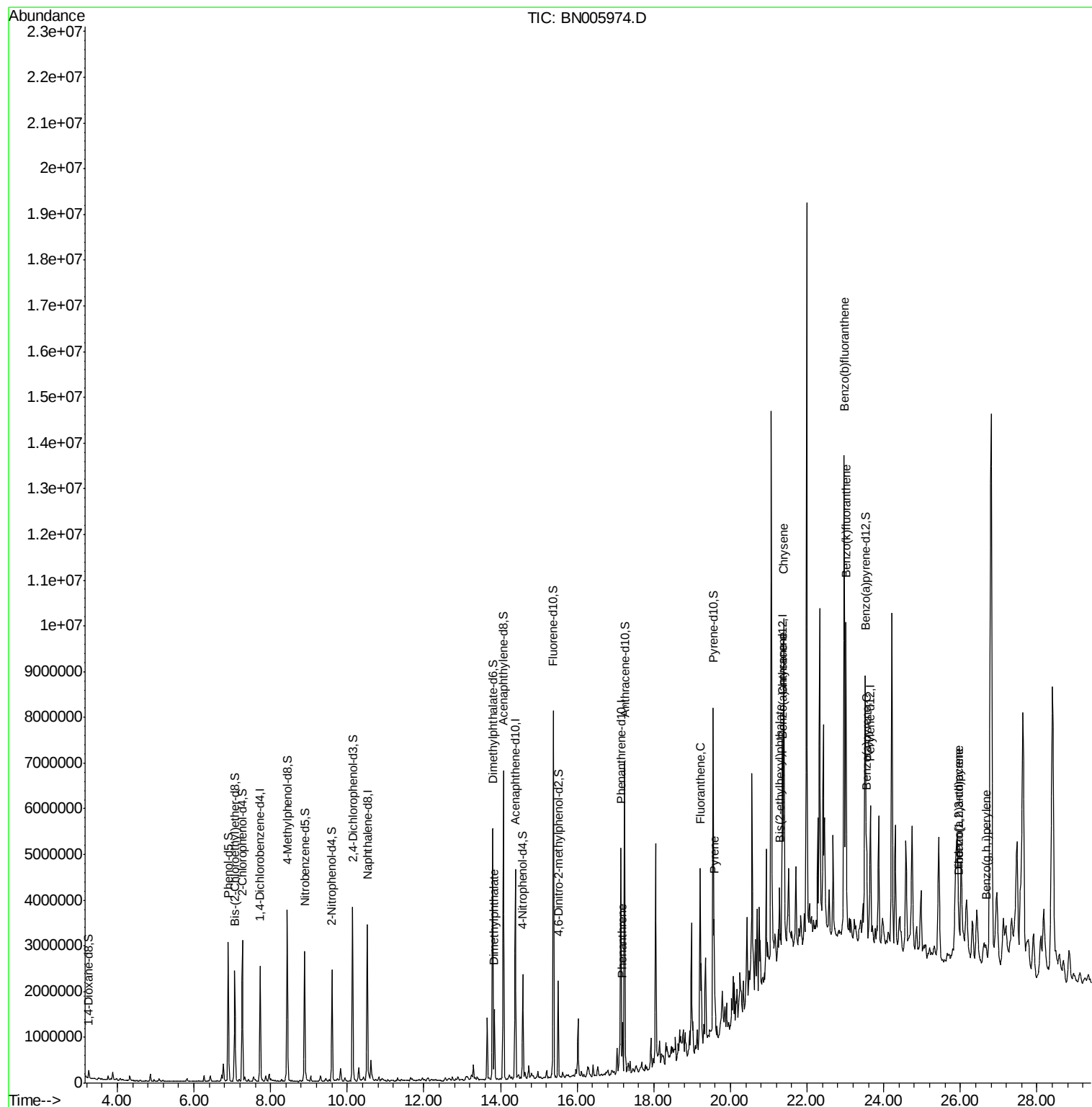
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005974.D
Acq On : 31 May 2019 10:25
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

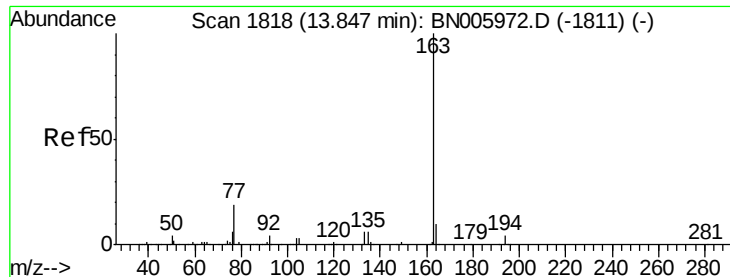
Instrument :
BNA_N
ClientSampleId :
A4274

Manual Integrations
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Quant Time: May 31 14:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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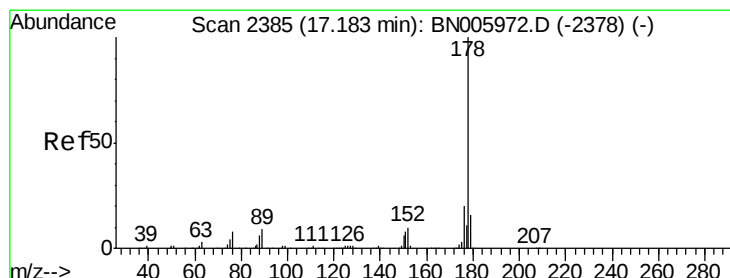
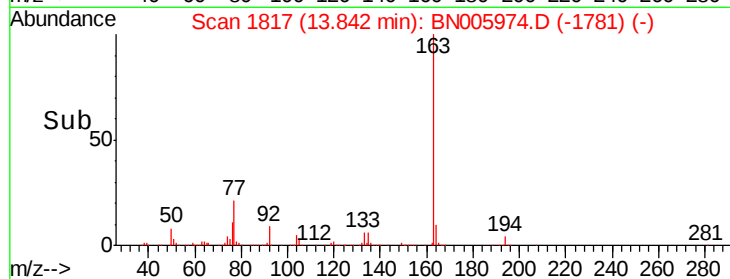
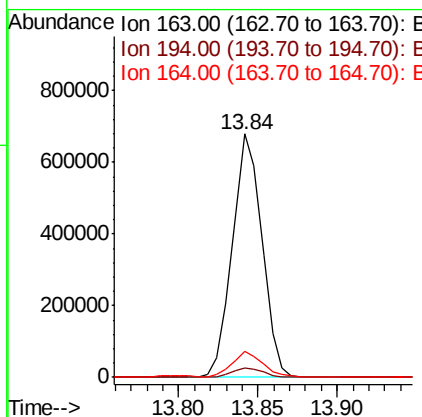
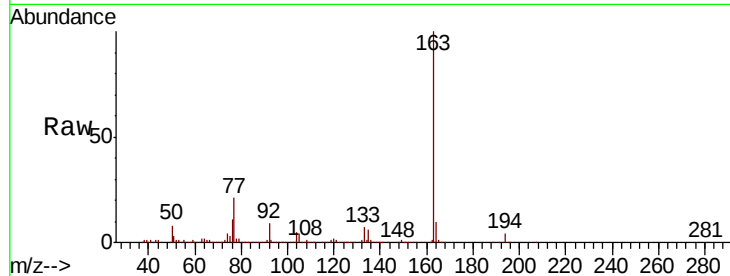
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Dimethylphthalate
Concen: 7.989 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Instrument :
BNA_N
ClientSampleId :
A4274

Tot Ion	Ratio	Resp	Lower	Upper
163	100	881469		
194	3.9		3.4	5.0
164	10.5		8.1	12.1

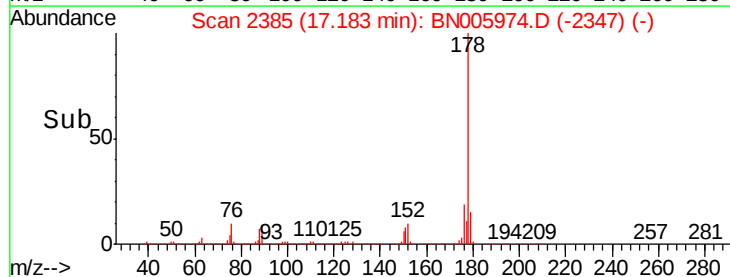
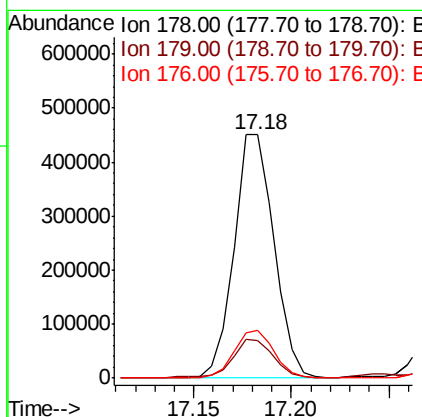
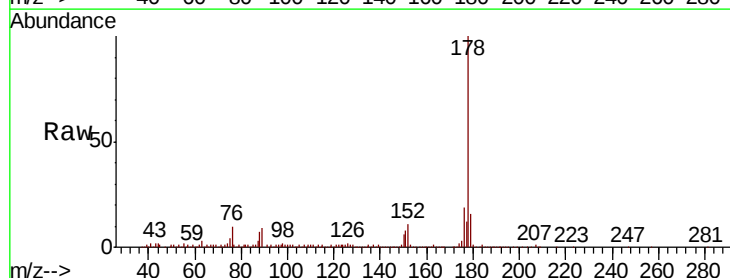
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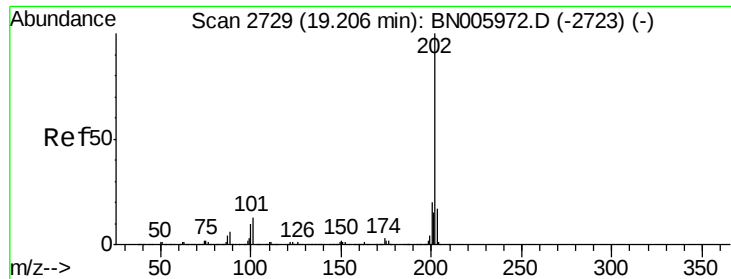
mohammad
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#69
Phenanthrene
Concen: 4.725 ng/ul
RT: 17.18 min Scan# 2385
Delta R.T. 0.03 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	637308		
179	15.6		12.2	18.4
176	19.5		15.1	22.7





#76

Fluoranthene

Concen: 12.884 ng/ul

RT: 19.21 min Scan# 2729

Delta R.T. 0.02 min

Lab File: BN005974.D

Acq: 31 May 2019 10:25

Instrument :

BNA_N

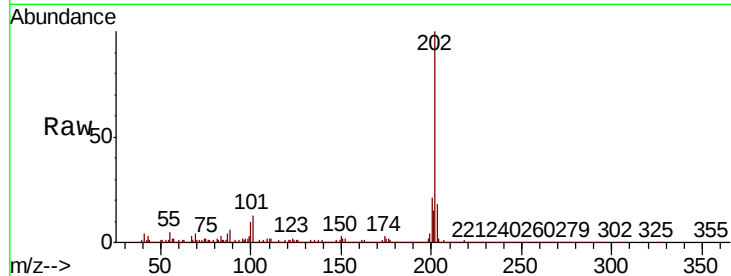
ClientSampleId :

A4274

Tot Ion:	202	Resp:	1854997
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.6	12.8#
100	9.8	6.3	9.5#

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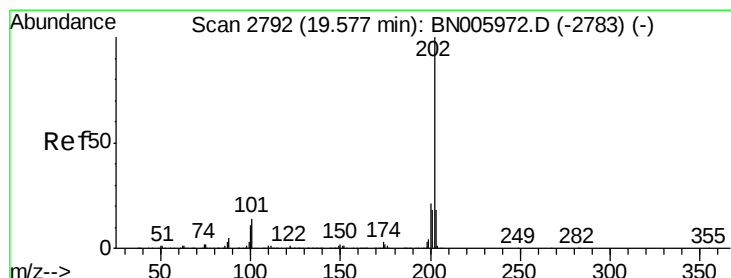
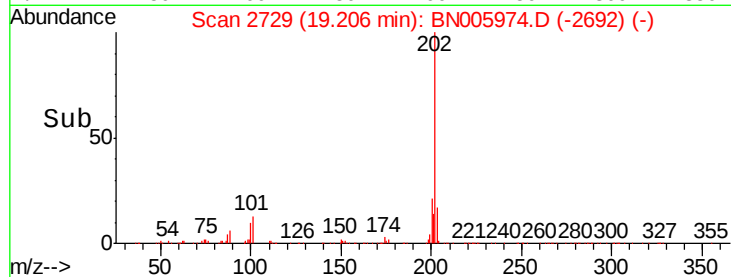
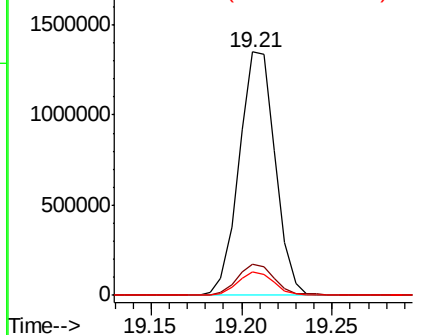
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 12.387 ng/ul

RT: 19.58 min Scan# 2792

Delta R.T. 0.03 min

Lab File: BN005974.D

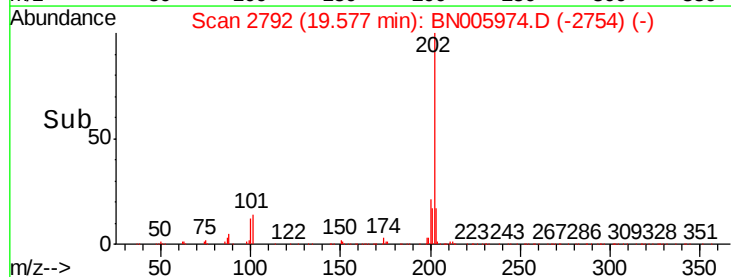
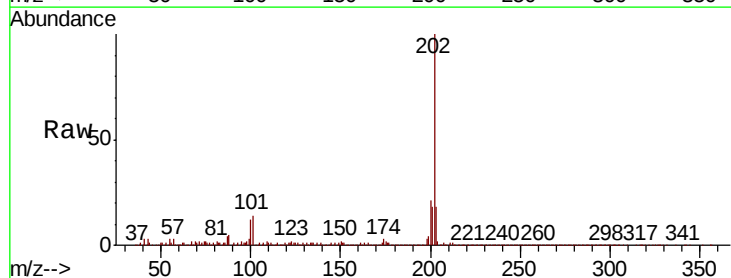
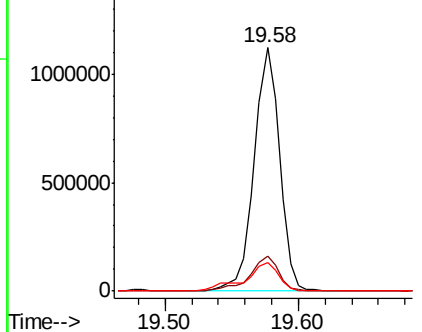
Acq: 31 May 2019 10:25

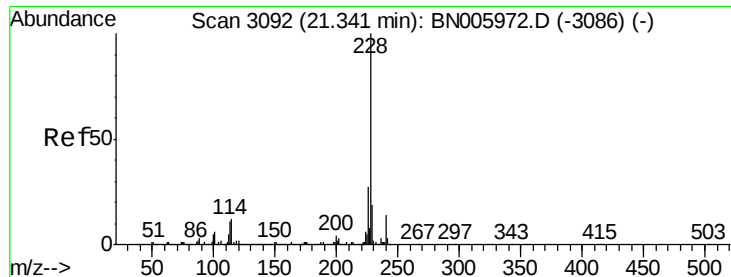
Tgt Ion:	202	Resp:	1465754
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.3	15.5
100	11.6	7.9	11.9

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





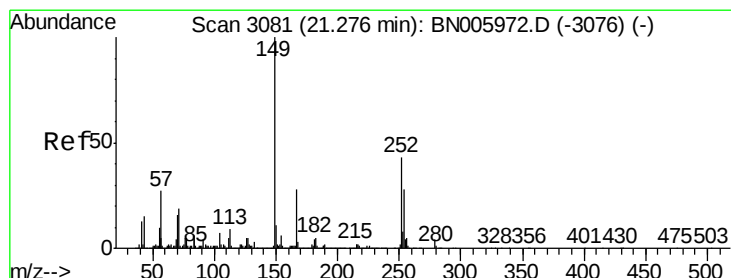
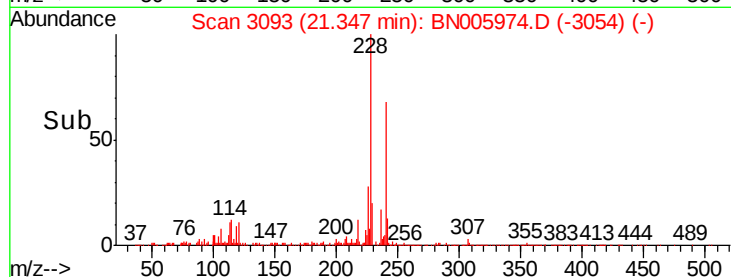
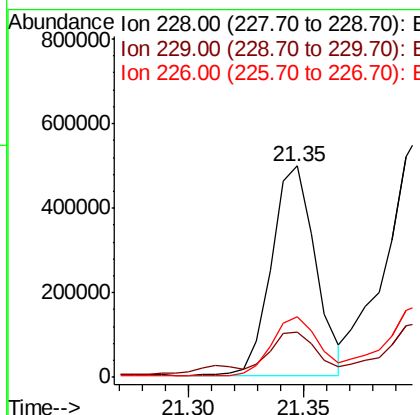
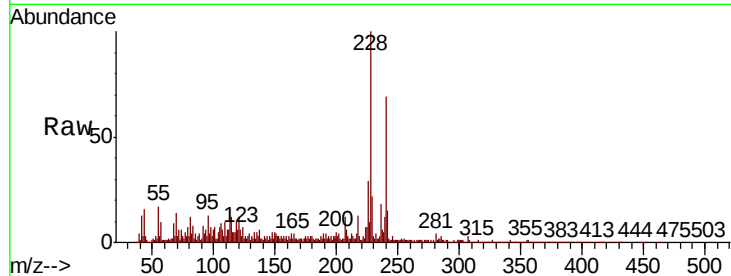
#82
Benzo(a)anthracene
Concen: 5.602 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. 0.03 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Instrument :
BNA_N
ClientSampled :
A4274

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.6
226	28.7	21.4	32.2

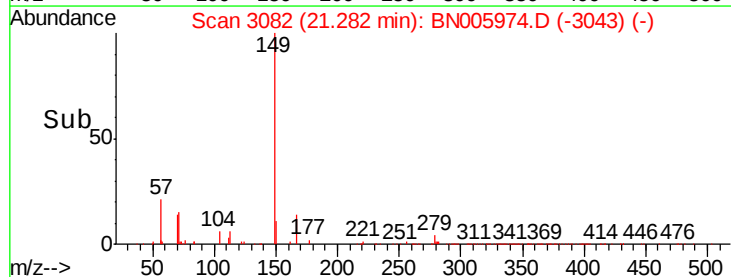
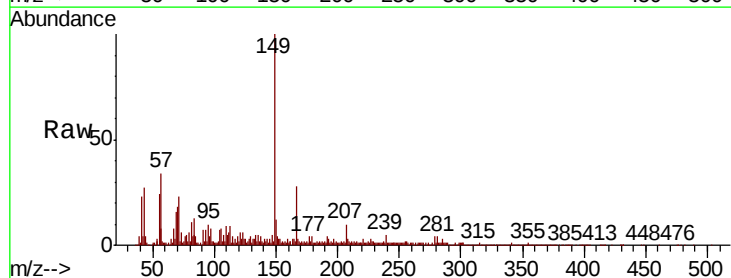
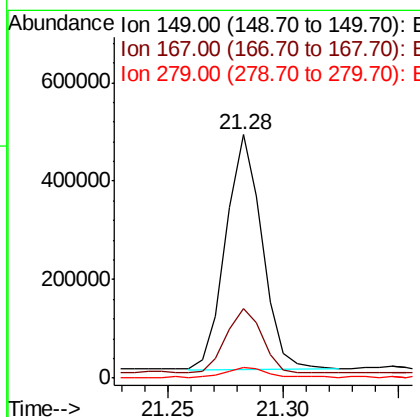
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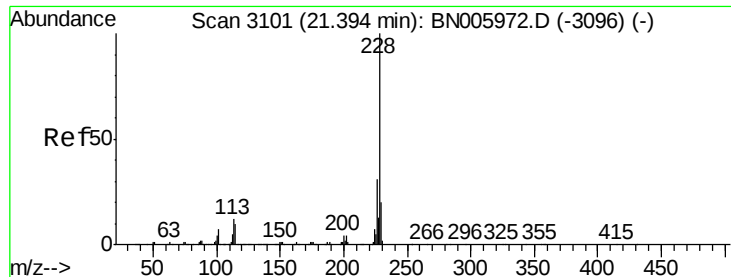
mohammad
6/5/2019 6:10:29 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 6.754 ng/ul
RT: 21.28 min Scan# 3082
Delta R.T. 0.03 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.3	3.3	4.9





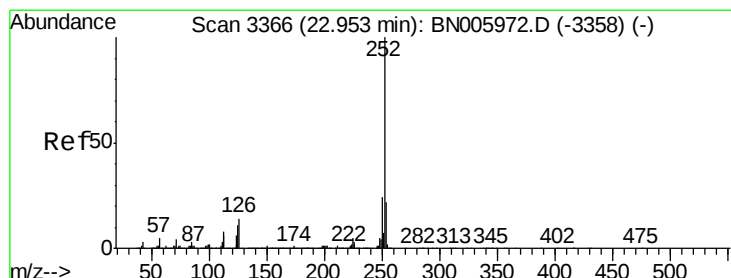
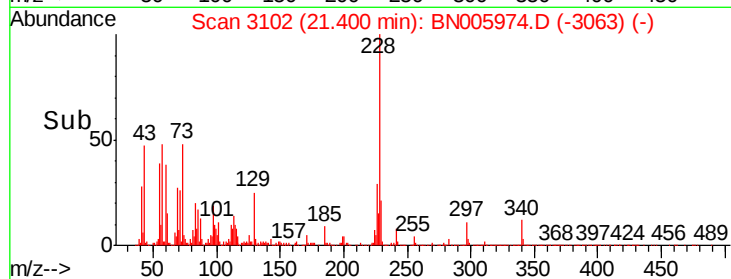
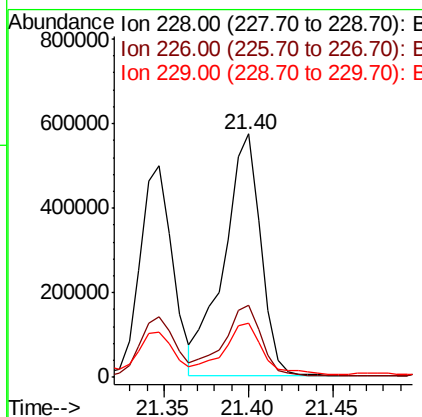
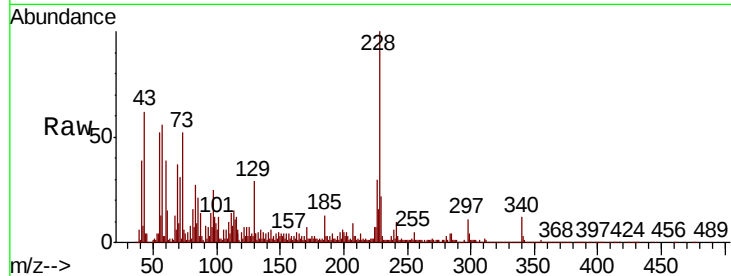
#84
Chrysene
Concen: 7.924 ng/ul
RT: 21.40 min Scan# 3102
Delta R.T. 0.03 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Instrument :
BNA_N
ClientSampled :
A4274

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.1	15.4	23.0

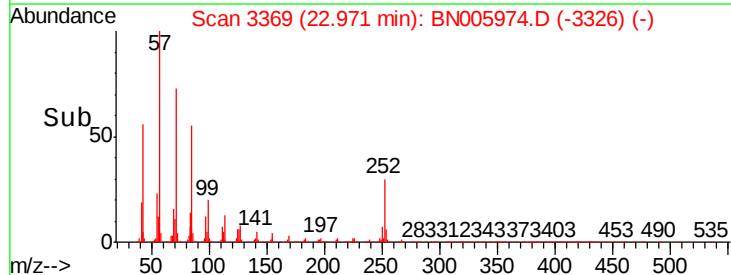
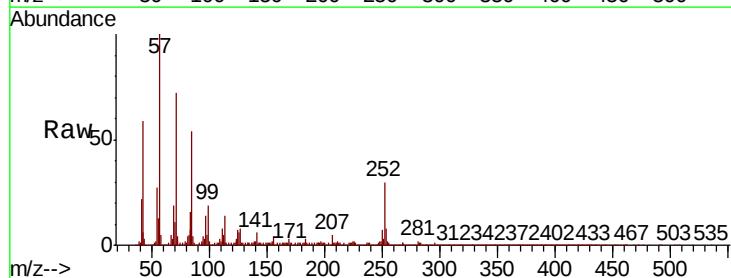
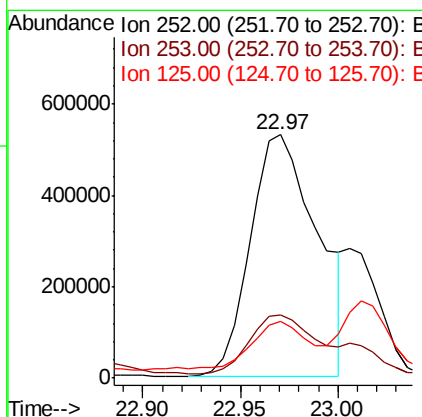
Manual Integrations
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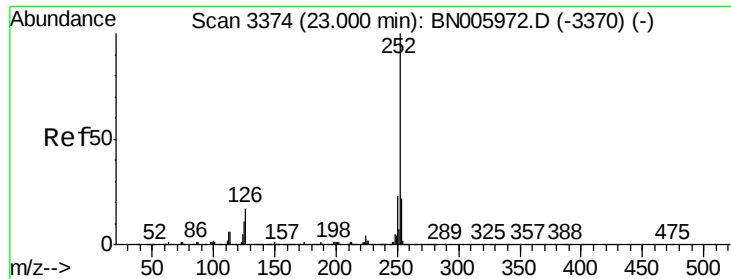
mohammad
6/5/2019 6:10:29 AM



#87
Benzo(b)fluoranthene
Concen: 10.304 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. 0.06 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	23.2	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 3.081 ng/ul m

RT: 23.01 min Scan# 3375

Delta R.T. 0.04 min

Lab File: BN005974.D

Acq: 31 May 2019 10:25

Instrument :

BNA_N

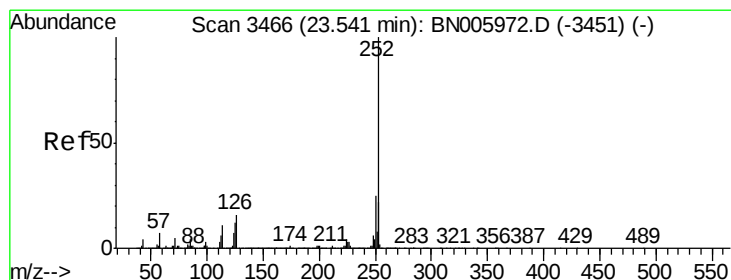
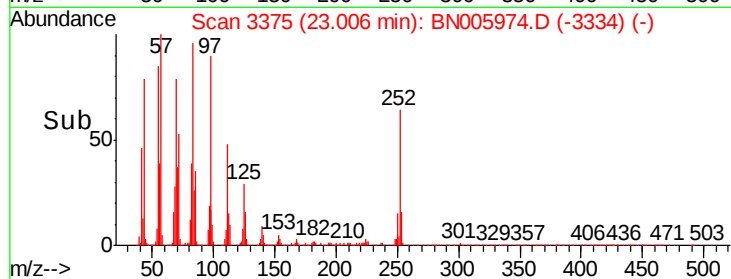
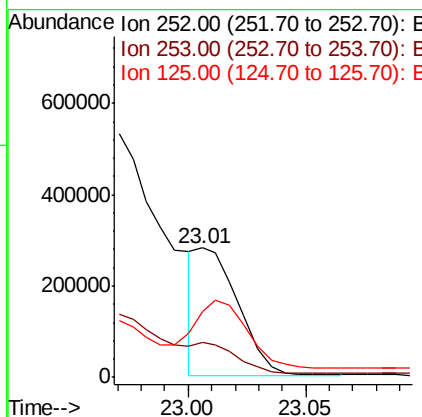
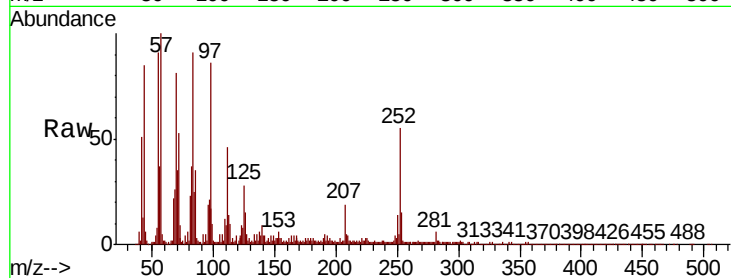
ClientSampleId :

A4274

Tot Ion:	252	Resp:	345949
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.4	26.0#
125	50.7	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 6.299 ng/ul

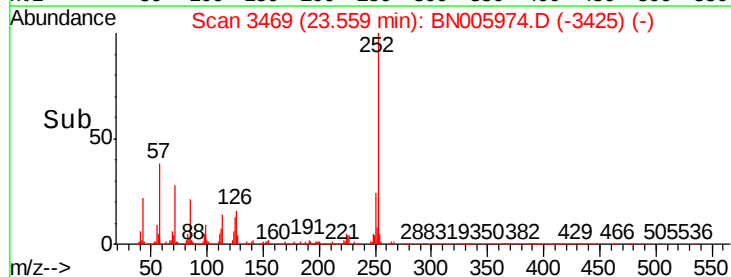
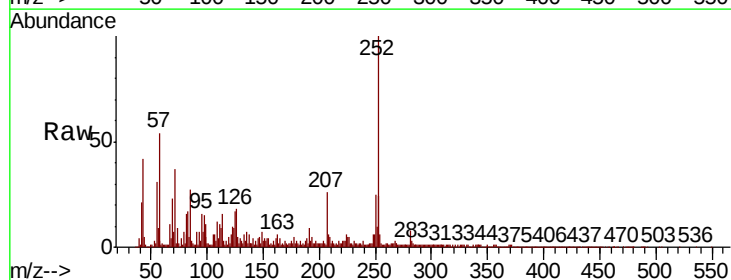
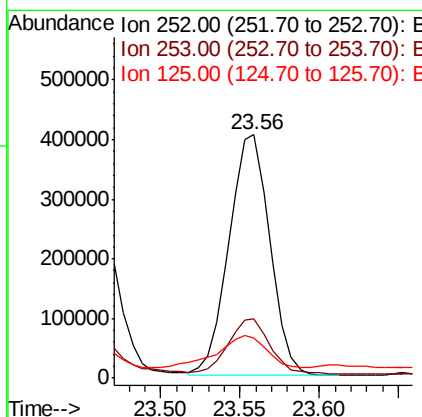
RT: 23.56 min Scan# 3469

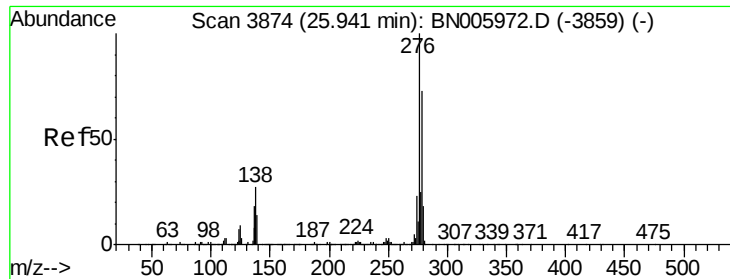
Delta R.T. 0.06 min

Lab File: BN005974.D

Acq: 31 May 2019 10:25

Tgt Ion:	252	Resp:	725384
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.3	25.9
125	16.6	8.6	13.0#





#91

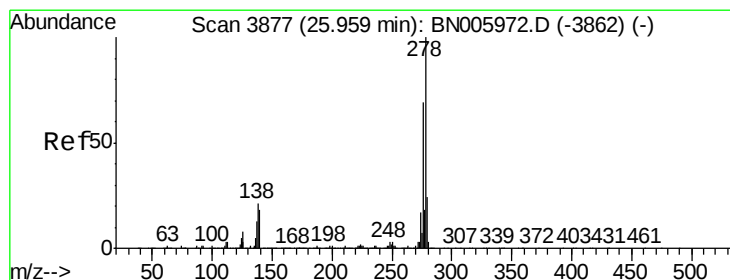
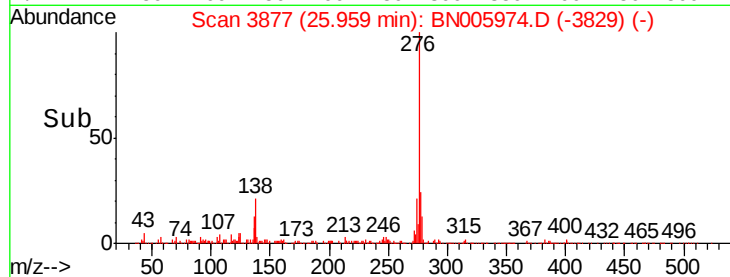
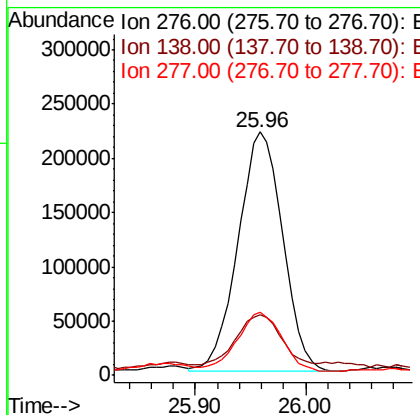
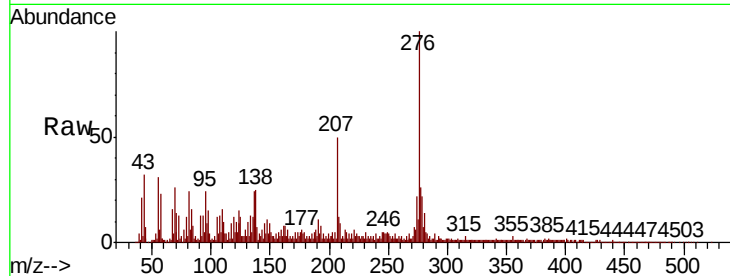
Indeno(1,2,3-cd)pyrene
Concen: 4.637 ng/ul
RT: 25.96 min Scan# 3877
Delta R.T. 0.08 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Instrument :
BNA_N
ClientSampleId :
A4274

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.9	26.9
277	26.0	19.7	29.5

Manual Integrations
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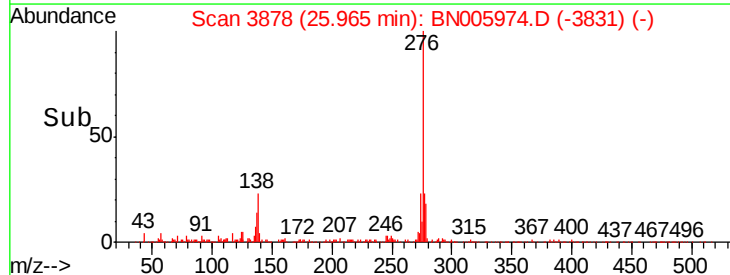
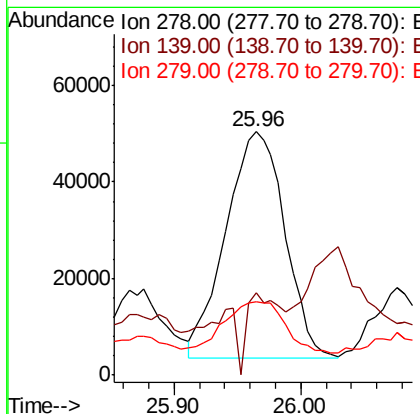
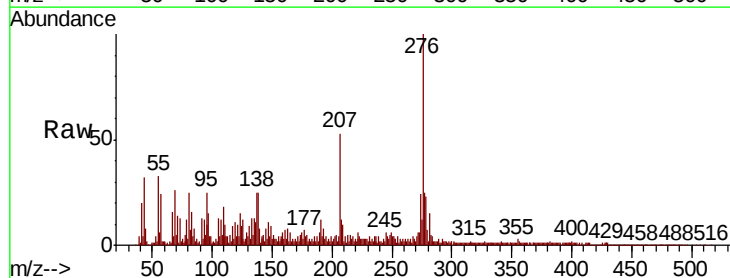
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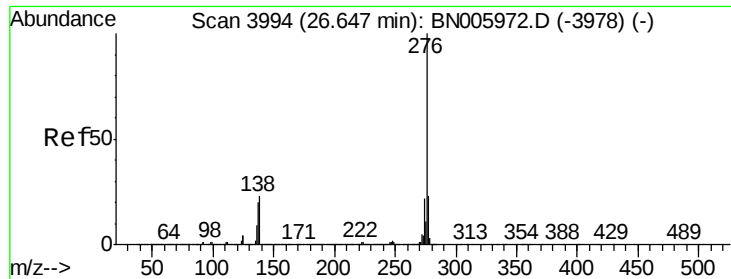


#92

Dibenzo(a,h)anthracene
Concen: 1.347 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. 0.08 min
Lab File: BN005974.D
Acq: 31 May 2019 10:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.6	13.1	19.7#
279	29.9	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 4.014 ng/ul

RT: 26.67 min Scan# 3998

Delta R.T. 0.10 min

Lab File: BN005974.D

Acq: 31 May 2019 10:25

Instrument :

BNA_N

ClientSampleId :

A4274

Tot Ion:	276	Resp:	456797
Ion Ratio	Lower	Upper	
276	100		
138	25.5	16.7	25.1#
277	26.5	18.2	27.2

Manual Integrations
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