

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005937.D
 Acq On : 29 May 2019 19:05
 Operator : JU/SJ
 Sample : K2924-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4274

Manual Integrations
 APPROVED

mohammad
 5/30/2019 1:28:44 PM

Quant Time: May 30 06:37:59 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	396399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1884665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1164625	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2692801	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2124118	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2057106	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	50678	5.63	ng/uL	0.00
5) Phenol-d5	6.89	99	1180123	33.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	637008	31.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	903479	33.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	952991	33.60	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	436649	36.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	462288	41.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	922652	34.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	8485	0.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2798104	32.59	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3607462	33.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	533461	34.14	ng/ul	0.00
57) Fluorene-d10	15.36	176	2518567	34.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	267997	24.42	ng/ul	0.00
70) Anthracene-d10	17.22	188	3896030	33.99	ng/ul	0.00
78) Pyrene-d10	19.52	212	4018174	37.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	3000335	32.69	ng/ul	0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.82	163	656869	7.655	ng/ul	99
69) Phenanthrene	17.16	178	631942	4.737	ng/ul	99
76) Fluoranthene	19.19	202	2177473	15.288	ng/ul#	94
79) Pyrene	19.55	202	1765635	13.122	ng/ul#	93
82) Benzo(a)anthracene	21.32	228	754087	5.647	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.26	149	675903	7.712	ng/ul	99
84) Chrysene	21.37	228	953555	7.657	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	1179581	10.209	ng/ul#	84
88) Benzo(k)fluoranthene	22.96	252	431143m	4.058	ng/ul	
90) Benzo(a)pyrene	23.51	252	695493	6.383	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.89	276	553196	4.327	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.89	278	131754	1.238	ng/ul#	79
93) Benzo(g,h,i)perylene	26.59	276	396242	3.680	ng/ul#	88

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

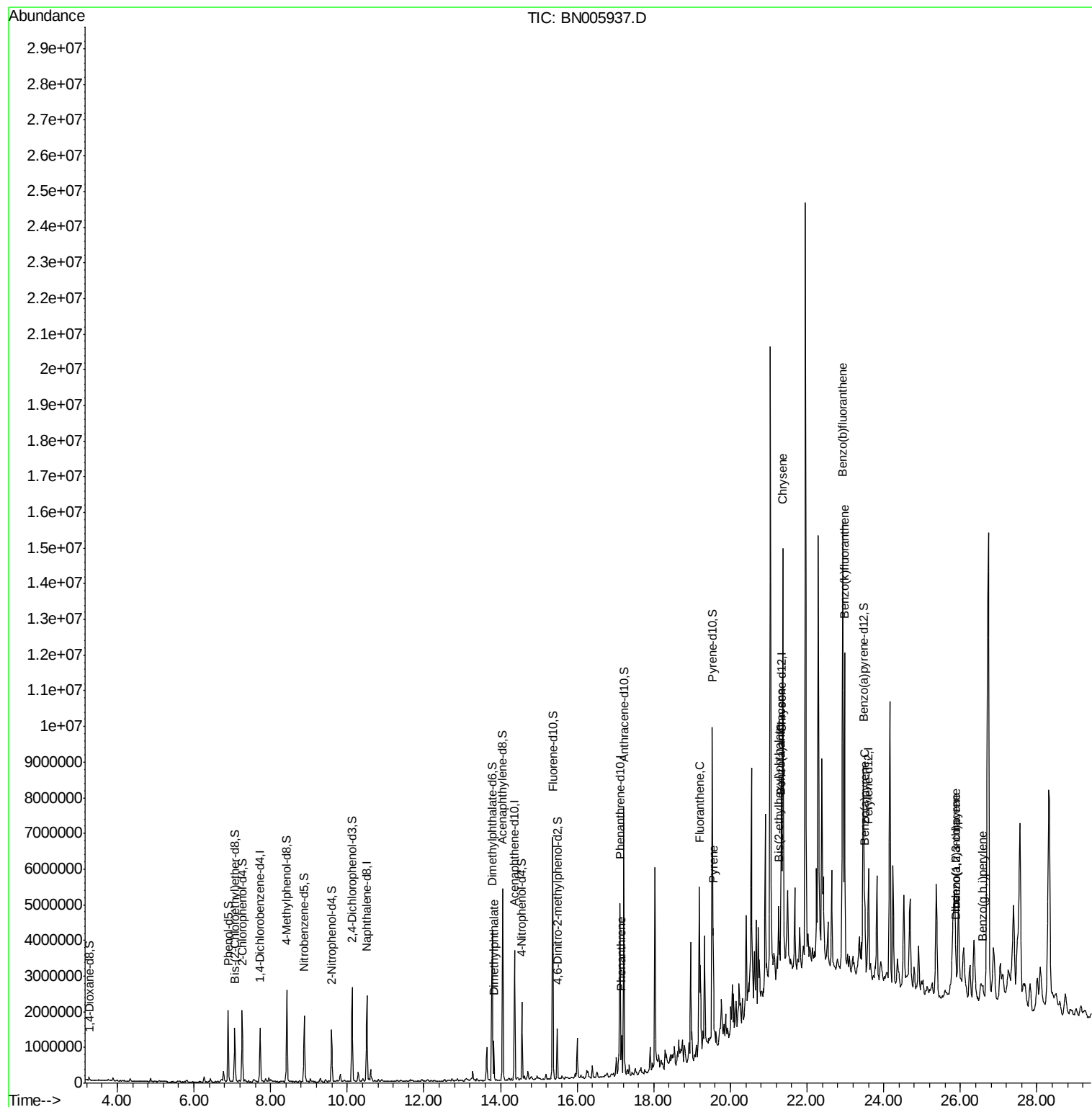
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

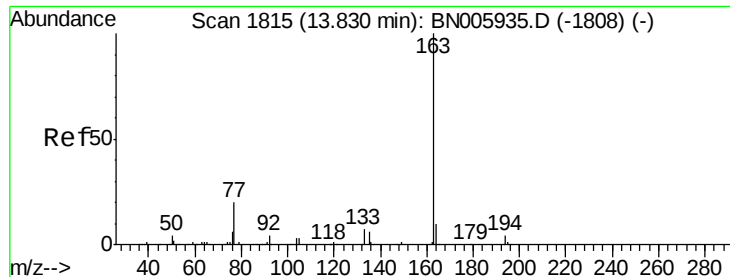
Instrument :
BNA_N
ClientSampleId :
A4274

Manual Integrations
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Quant Time: May 30 06:37:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





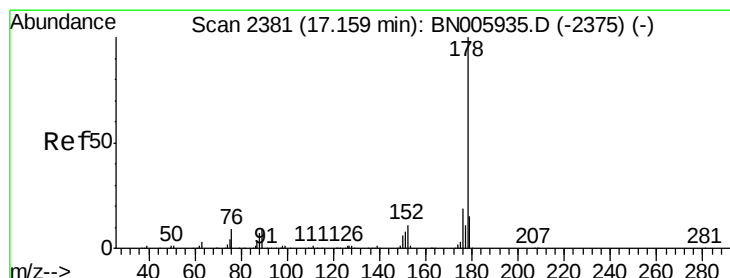
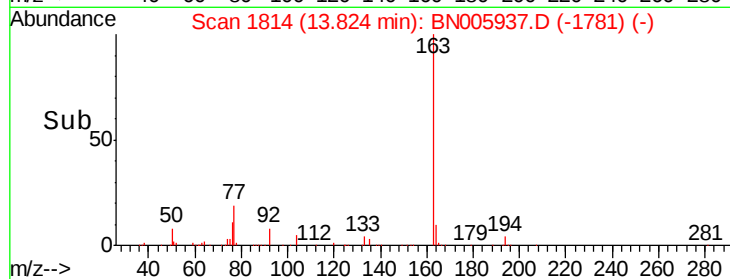
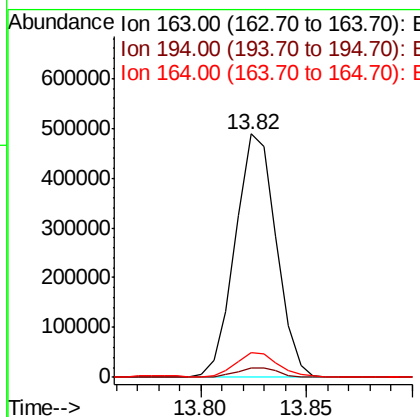
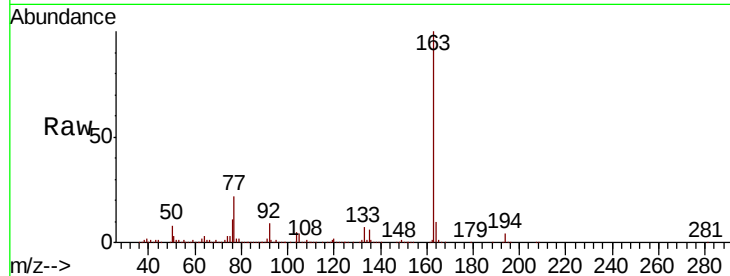
#44
Dimethylphthalate
Concen: 7.655 ng/ul
RT: 13.82 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BN005937.D
Acq: 29 May 2019 19:05

Instrument :
BNA_N
ClientSampleId :
A4274

Tot Ion	Ratio	Resp	Lower	Upper
163	100	656869		
194	4.0		3.4	5.0
164	10.4		8.1	12.1

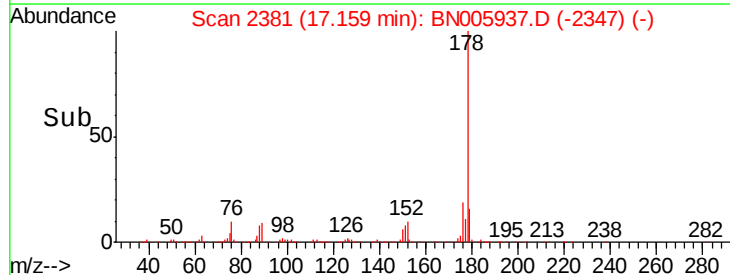
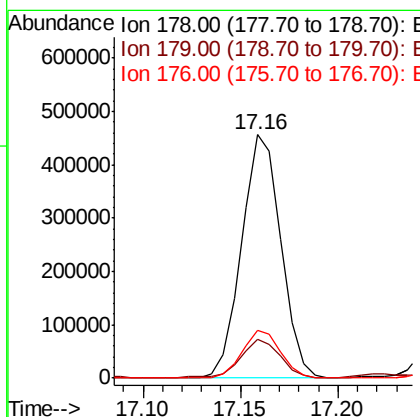
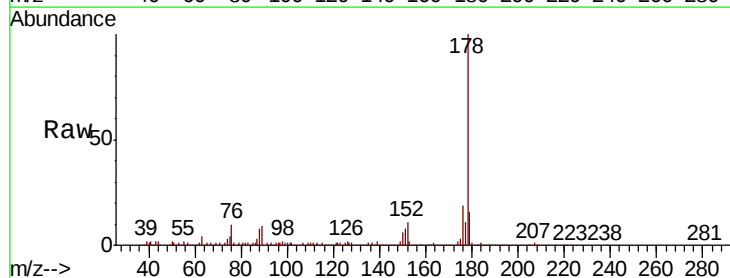
Manual Integrations
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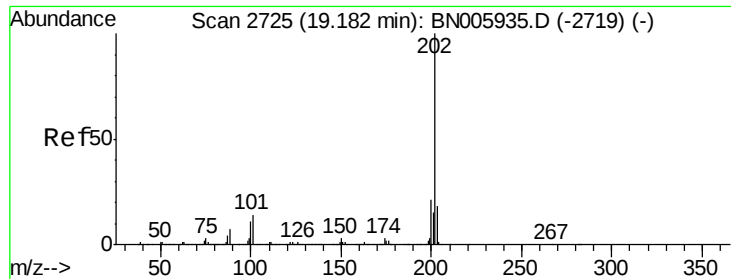
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#69
Phenanthrene
Concen: 4.737 ng/ul
RT: 17.16 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN005937.D
Acq: 29 May 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	631942		
179	16.0		12.2	18.4
176	19.5		15.1	22.7





#76

Fluoranthene

Concen: 15.288 ng/ul

RT: 19.19 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

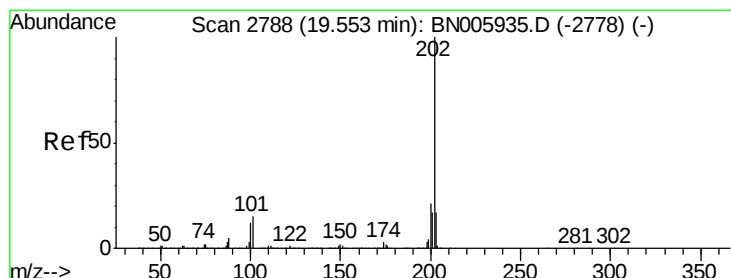
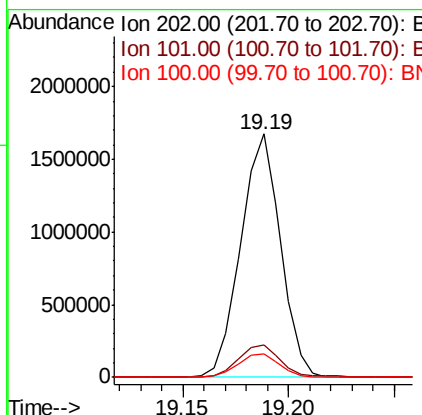
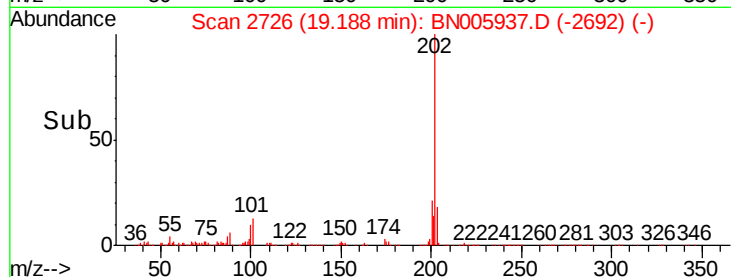
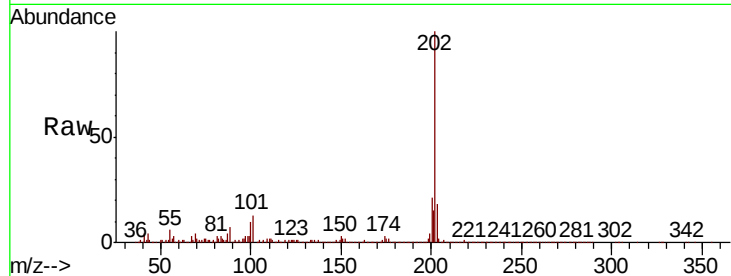
ClientSampleId :

A4274

Tot Ion:	202	Resp:	2177473
Ion	Ratio	Lower	Upper
202	100		
101	13.1	8.6	12.8#
100	9.8	6.3	9.5#

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#79

Pyrene

Concen: 13.122 ng/ul

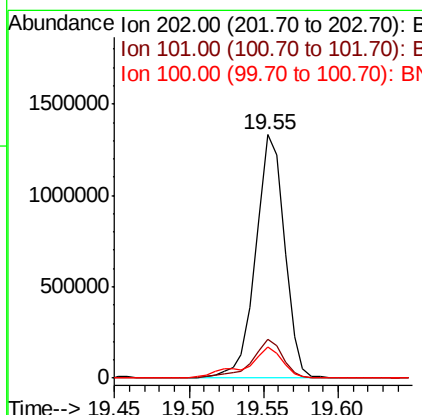
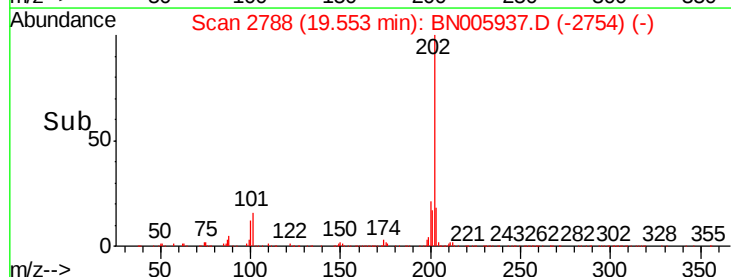
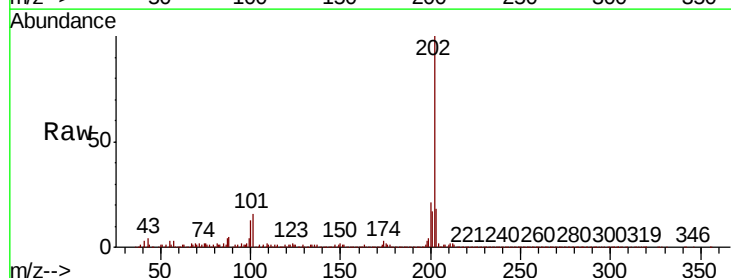
RT: 19.55 min Scan# 2788

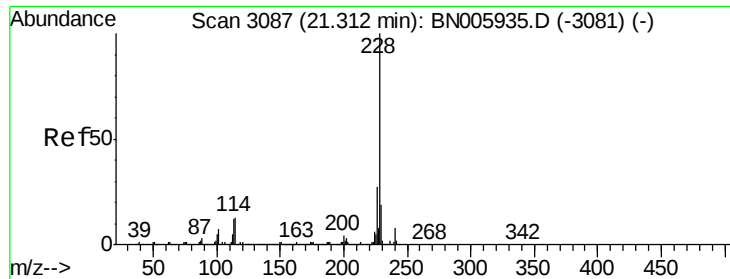
Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Tgt Ion:	202	Resp:	1765635
Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.3	15.5#
100	12.6	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 5.647 ng/ul

RT: 21.32 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

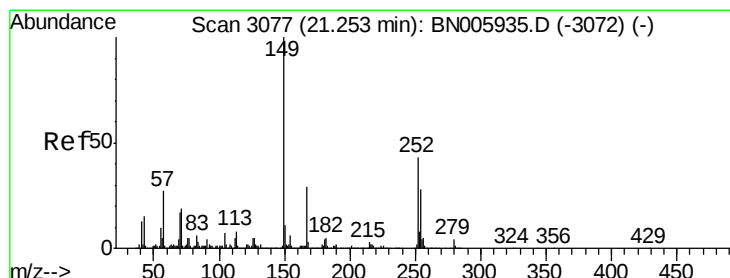
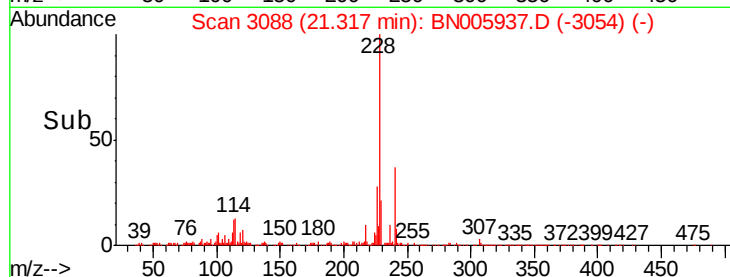
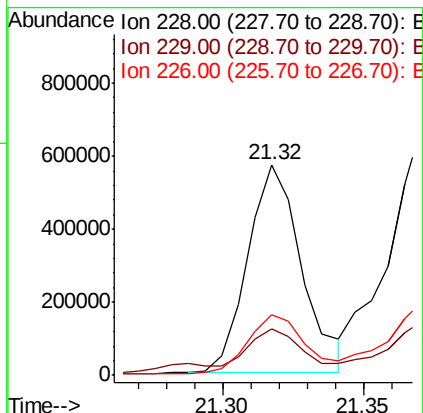
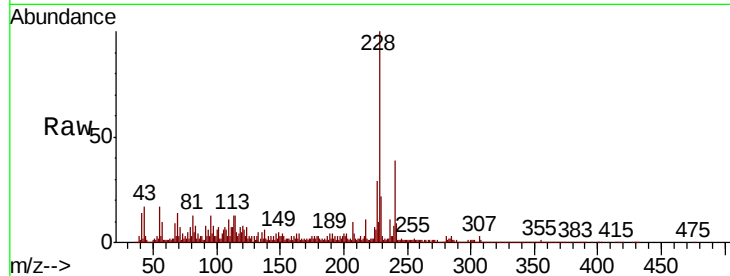
ClientSampleId :

A4274

Tot Ion:	228	Resp:	754087
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.8	23.6
226	28.6	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 7.712 ng/ul

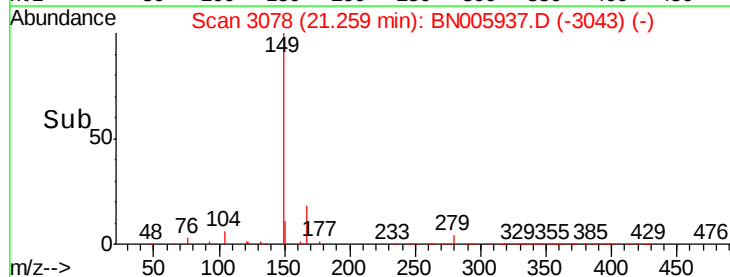
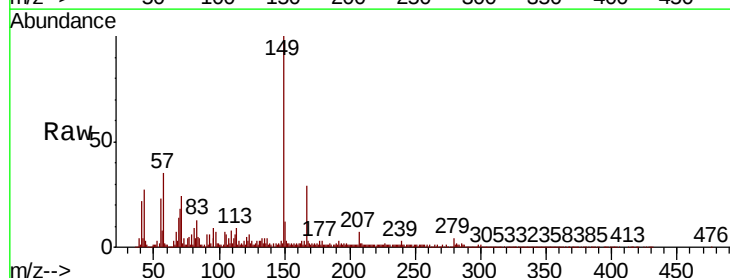
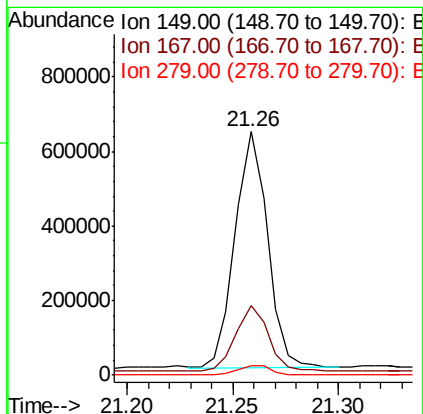
RT: 21.26 min Scan# 3078

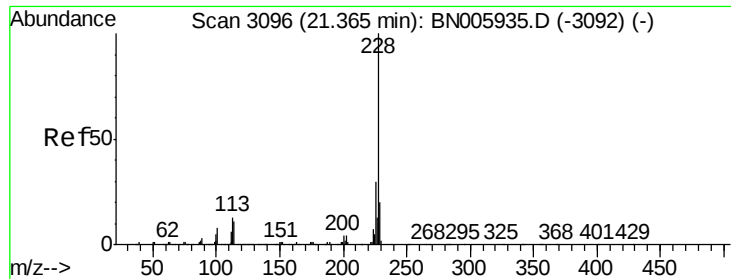
Delta R.T. 0.01 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Tgt Ion:	149	Resp:	675903
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.3	33.5
279	4.1	3.3	4.9





#84

Chrysene

Concen: 7.657 ng/ul

RT: 21.37 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

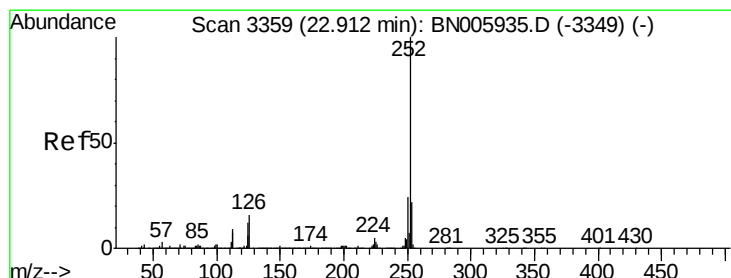
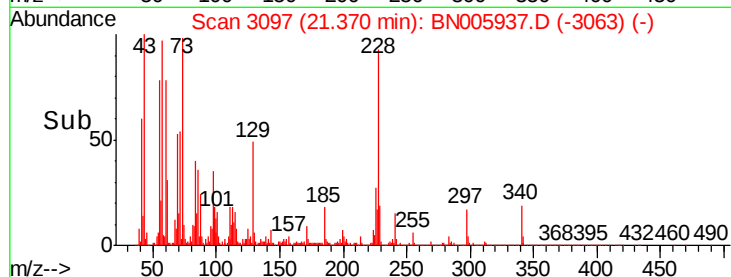
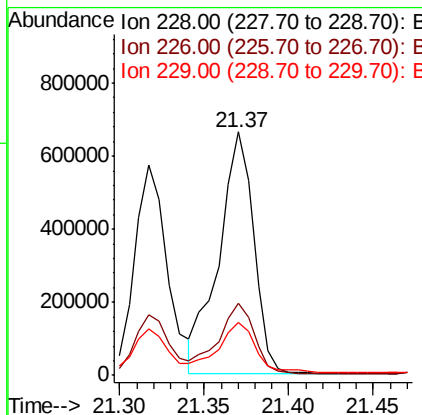
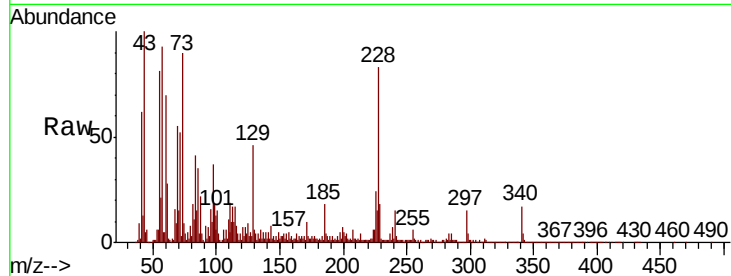
ClientSampled :

A4274

Tot Ion:	228	Resp:	953555
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	21.6	15.4	23.0

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 10.209 ng/ul

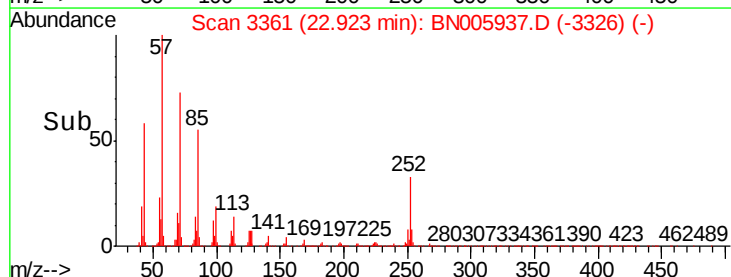
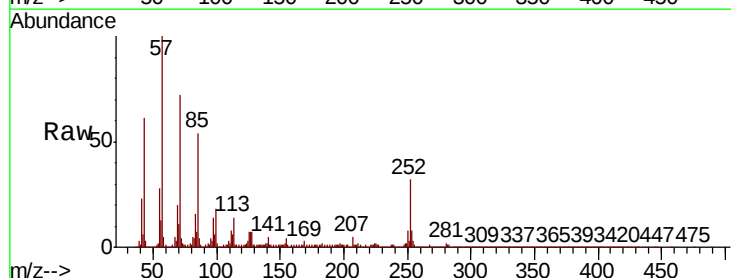
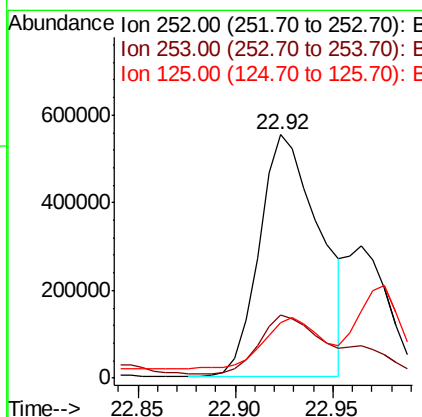
RT: 22.92 min Scan# 3361

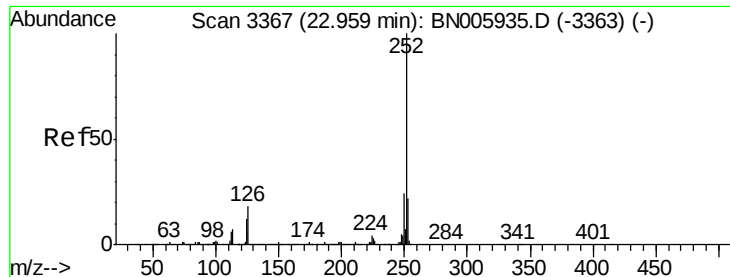
Delta R.T. 0.01 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Tgt Ion:	252	Resp:	1179581
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.7	26.5
125	23.0	8.4	12.6#





#88

Benzo(k)fluoranthene

Concen: 4.058 ng/ul m

RT: 22.96 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

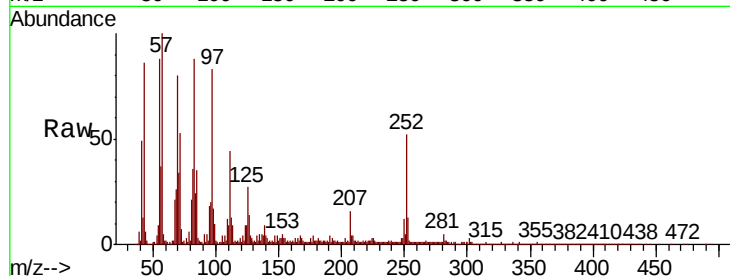
ClientSampleId :

A4274

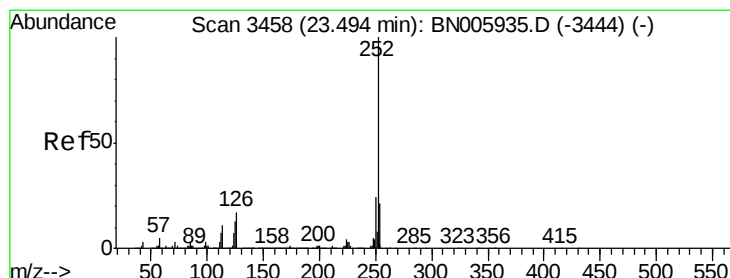
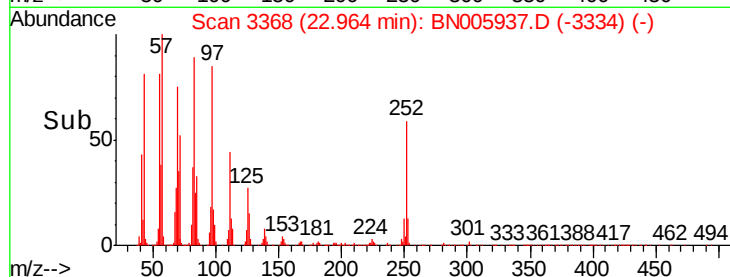
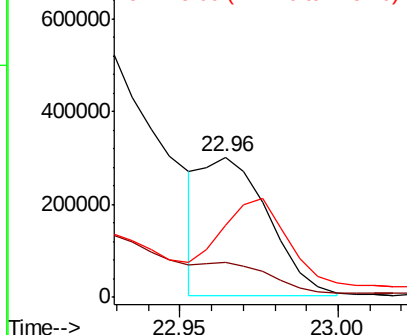
Tot Ion:	252	Resp:	431143
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.0
125	51.1	7.5	11.3#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 6.383 ng/ul

RT: 23.51 min Scan# 3460

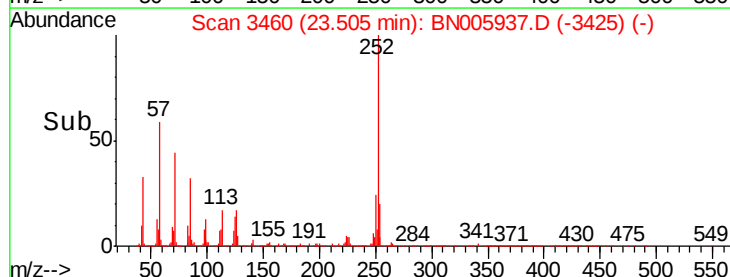
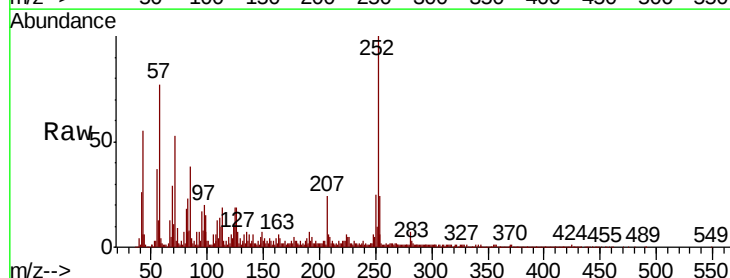
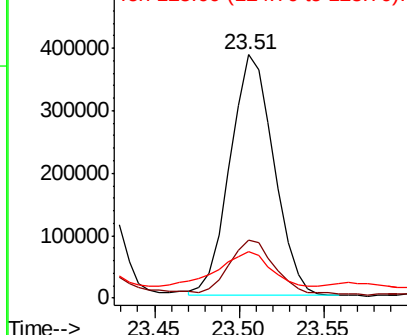
Delta R.T. 0.01 min

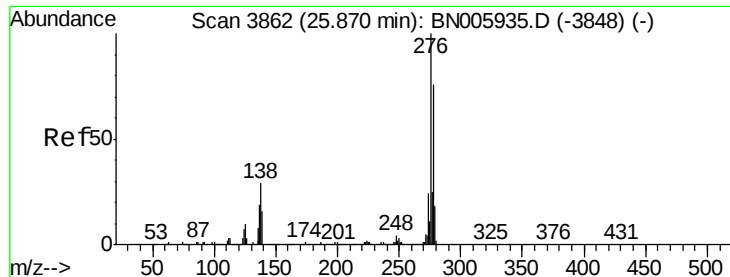
Lab File: BN005937.D

Acq: 29 May 2019 19:05

Tgt Ion:	252	Resp:	695493
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.3	25.9
125	19.2	8.6	13.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

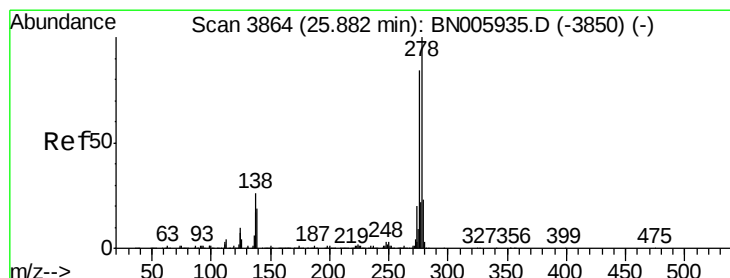
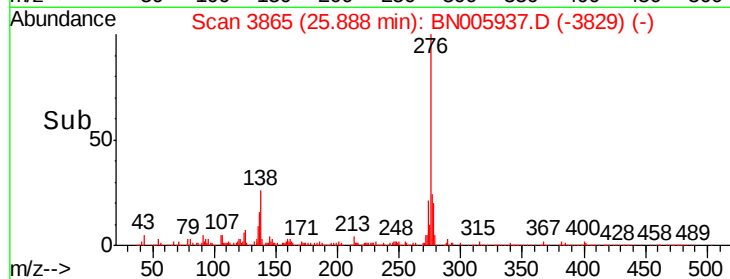
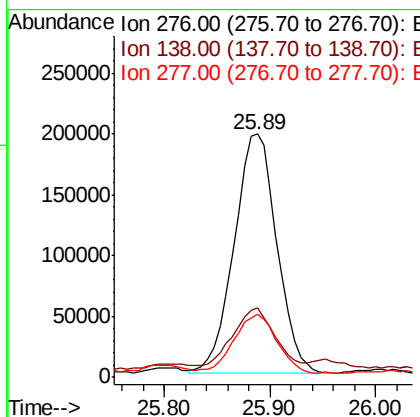
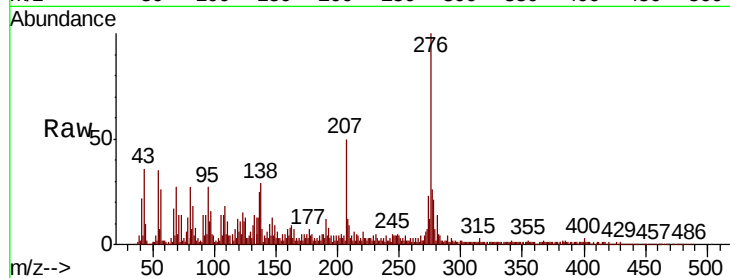
Indeno(1,2,3-cd)pyrene
Concen: 4.327 ng/ul
RT: 25.89 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BN005937.D
Acq: 29 May 2019 19:05

Instrument :
BNA_N
ClientSampled :
A4274

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.9	26.9#
277	26.2	19.7	29.5

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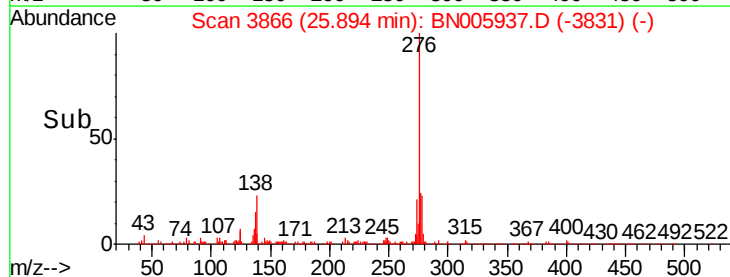
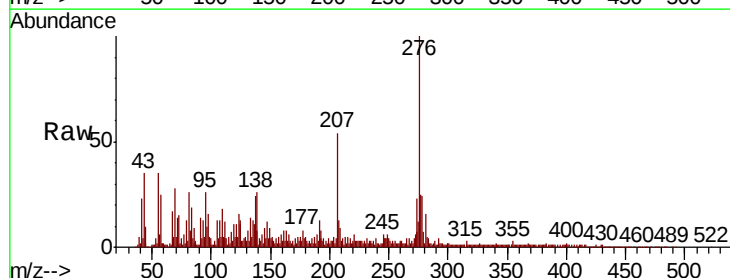
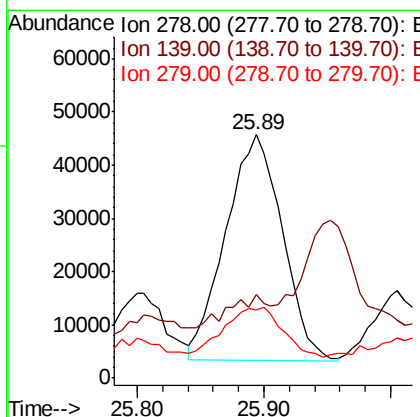
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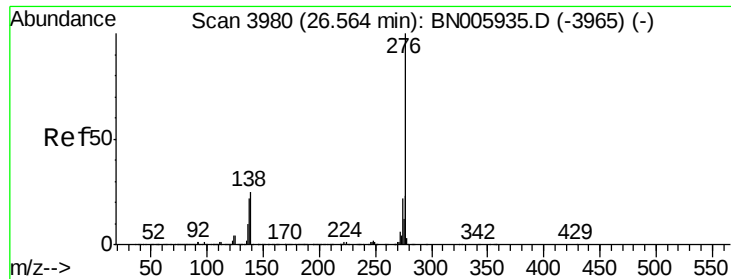


#92

Dibenzo(a,h)anthracene
Concen: 1.238 ng/ul
RT: 25.89 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BN005937.D
Acq: 29 May 2019 19:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.3	13.1	19.7#
279	27.9	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 3.680 ng/ul

RT: 26.59 min Scan# 3984

Delta R.T. 0.02 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

A4274

Tot Ion:	276	Resp:	396242
Ion Ratio	Lower	Upper	
276	100		
138	29.2	16.7	25.1#
277	26.4	18.2	27.2

Manual Integrations
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